



WATER-RIGHT DOCKET

Sequoia & Kings Canyon National Park (see also: KICA)

Docket No: 3

RESERVOIR

Preliminary Docket Information

01-12-2015: Memo to File: Refer to Drought Assessment in Docket 1

January 12, 2015

MEMO TO FILE

In 2014, the State of California suffered the third consecutive year of extreme drought. In January 2014, the Governor declared a drought emergency. The State Water Resources Control Board issued projections for the summer of 2014 as to likely calls for curtailment in the state's major watersheds.

In response, WRB contacted all of the NPS units in California regarding the drought and offered WRB's services to assist in preparations for potential calls for curtailment. A few parks responded, and WRB prepared drought assessments for SEKI, YOSE, and LAVO, and also worked with PINN and WHIS. The drought assessments included an inventory of the park's rights and uses, an assessment of the relative seniority of the parks rights, and an estimation of the likelihood of the park's rights being called for curtailment. In spring 2014, WRB sent to SEKI, YOSE, and LAVO the drought assessments with recommendations to ensure that park water needs were protected.

In summer 2014, the Board did issue calls for curtailment of post-1914 rights in order to protect the diversions of senior rights (pre-1914 and riparian). In addition, the State legislature passed laws regarding the management of groundwater—the first legislation regarding groundwater in the State's history. As a result of these developments, WRB updated the drought assessment and provided a final hardcopy to SEKI, LAVO, and YOSE, reflecting these developments.

Given the size of the drought assessment, one hard copy was put into Docket #1 of each park listed above in the section "Other Supporting Information". In the remaining dockets, this Memo to File has been placed, referring readers to the drought assessment located in Docket #1.

In addition, the Drought Assessment is cross referenced as a .PDF in IRMA (Code No. 2242660) in each applicable docket.

Eric Lord
Water Rights Specialist
January 2015

WATER DOCKET INFORMATION

A R E A SEQUOIA-KINGS CANYON N P

DOCKET NO. (SEQUOIA) 3

APPLICATION NO. _____

PERMIT NO. _____

CERTIFICATE NO. _____

TITLE OF DOCKET SEE BELOW

PRIORITY _____

REMARKS: _____

GRINDSTONE RES. (Deed 16)
ADobe RES (Fed. Land)
PROGRESS RES.
RATTLESNAKE RES (Fed Land)
WISHBONE RES (Fed. Land)
SYCAMORE RES (Fed. Land)
(All for Fire Protection)

*Ash Mt
Sequoia*

WRcoty
194 GEL

January 29, 1960

Memorandum

To: Regional Director, Region Four
From: Chief, Water Resources Section
**Subject: Fire Protection Reservoirs, Ash Mountain Truck Trail,
West Boundary, Docket 3, Sequoia**

Attached is your folder for the subject docket, containing a tentative outline, copy of the Deed 16 to certain lands from Mr. and Mrs. Hengst which was forwarded with memorandum of November 16, 1959, from the Superintendent, and the descriptions of the six reservoirs by Mr. Cammack which was also forwarded with that memorandum. The original deed is being placed in the folder which was prepared by the Real Estate Section on the basis of a memorandum of January 4, 1941, of which copies are being sent to you and the Superintendent, but not to WDC because of the limited present value.

It is noted that the deed was recorded, but never accepted for the United States. It also consists of two partial pages of a deed form which were cut and glued together. Some one in the Park noted the purpose for which the three parcels were to be used, in pencil along the left margin. Further action on the deed, as an interest in land, will be considered separately by the Real Estate Section. This memorandum relates to only the water right docket.

We have transferred the map with our memorandum of October 19, 1959, to our docket assembly, and so noted on the copy of the memorandum in the Water Resources file. We have also cross referenced the memorandum on the map.

The docket should be expanded to record the basis of water rights and access for each water system which the United States is still maintaining. Mr. Cammack's descriptions should be expanded to give the names of sources of supply, tie from diversion point to a section corner (by scaling from map for the time being), date of construction, and storage capacity. A sketch of water system on a section plat should be included. No water right applications should be made until water right procedure for Sequoia and the other California parks is decided.

The Grindstone Reservoir and third parcel in the deed seem to be related, but the available information suggests that the diversion may be on unpatented Federal land in NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1 and the reservoir may be on the right-of-way over Hengst land in SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1. Different water right status may result from diversions and use on patented or unpatented land.

The Progress Reservoir is said to be on SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26, T 16 S, R 28 E, which is not in Park. We formerly prepared to file water right application for a Progress Gulch Reservoir, with diversion in NW $\frac{1}{4}$ NE $\frac{1}{4}$ and reservoir and use in SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 24, T 16 S, R 28 E, for which please refer to Drawings 5457 and 6975. Both sections are outside the Park, and the plan to file was dropped when the area was excluded from the National Forest. The land status and Federal interest in reservoir on either section needs clarification.

The rest of the reservoirs appear to be on unpatented Federal land in the Park, and the basis of water right will be the same as most other water uses in the Park.

In my search for the Progress Gulch maps, I came across a print of Drawing 5468 showing a water system for a patrol cabin which is apparently on Park land in Sec. 23, T 15 S, R 28 E, with diversion from North Fork Kaweah (judging from River bend since no sections lines are shown). I am not sure that you will wish to record all six reservoirs in the single Docket 2, but this Patrol Cabin water system might also be added if the docket is completed as record of all water use for fire protection along the truck trail.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachment

Copy to: Superintendent, Sequoia, w/identical attachment
Chief, WDC, w/docket attachment
Real Estate (Selkirk)
Mr. Dunn

AvVDunn:let

154-081

OCT 19 1959

Memorandum

To: Regional Director, Region Four
From: Chief of Lands
Subject: Rights of way for Fire Fighting Facilities, including Water Developments, Hengst Lands, Deed 16, Sequoia National Park

The following listed attachments constitute all pertinent records that we have readily available on Sequoia Deed 16 of February 15, 1940, from M. H. and Alfred Hengst, all but the map being from correspondence files of the Water Resources Section. The originals are probably in CCC files.

1. Photostat map of SW corner of Sequoia showing I Water Development, Progress Gulch; and II Rights-of-way, Deed 16. (Just prepared) *Transferred to Pocket 2 10/19/59*
2. Copy of Deed 16 as recorded in county. (Believed to have been from Superintendent)
3. Memorandum of December 12, 1940, to Regional Director from Assistant Superintendent, transmitting copy of deed.
4. Memorandum of December 11, 1940, to Director from the Regional Director concerning Job 355-161, Small Reservoir Construction, Hengst Ranch.
5. Letter of December 14, 1940, to Mr. Dunn from the Deputy State Engineer, stating there are no appropriative applications, and that any water rights in the vicinity would be based on riparian use or county filings made before the present water code was adopted on December 19, 1914.

The Hengst property is on land which was added to the Park by the act of July 3, 1926 (44 Stat. 818). Progress Gulch is within the former Forest Service area, but it is no longer under Federal jurisdiction. Deed 16 conveys a right-of-way which reverts to the owner if use for the designated purpose terminates. The Chief Forester advises that the road and a number of water developments on the Hengst property are and should continue to be used.

If the original Deed 16 is in the Park, it should be forwarded to this office. We shall appreciate more complete information on its disposal if the records, but not the deed, are in the Park.

We should also like to assemble a water rights docket, showing the location and type of water developments which have been constructed on the rights-of-way covered by the deed. This assembly will also include a copy of the deed.

One reason for the inquiry is to determine whether the deed should be filed as No. 16 in the real estate series, or only as right-of-way in connection with water rights and other designated utilities. In the latter case it should also be listed as an encumbrance on Tract _____ on the L-3 Form.

SIGNED

Donald E. Lee
Chief of Lands

Attachments 5

Copy to: Superintendent, Sequoia, with 5 attachments
Lands, with 5 attachments
✓ Mr. Dunn, with 5 attachments

AvvDunn:let 10 16-59

Reg Four

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

January 4, 1941.

MEMORANDUM FOR Mr. Jenkins.

According to a copy of a memorandum dated December 7, 1940, from A. van V. Dunn, Hydraulic Engineer, to Associate Attorney Albert L. Johnson, a right of way deed was executed on February 15, 1940, by Alfred and M. E. Hengst to the United States in connection with a CCC project (Job No. 366; drawing MP-SEQ-5454) involving "the diversion of water from a spring on the privately owned Hengst Ranch, for use on the riparian land at the West Boundary Truck Trail" in Sequoia National Park.

Mr. Dunn suggested that Mr. Johnson secure certain data, including a copy of the right of way deed.

Mr. Barton suggests that you place this memorandum in the Sequoia land files in order that there may be some record in this Office of the above-mentioned right of way deed.

Signed H K Sanders
Chief, Lands Division.

Know All Men by These Presents

That, We, M. E. Hengst and Alfred Hengst, Wife and Husband, Three Rivers, County of Tulare, State of California, for value received, do give, grant, dedicate and convey unto the United States, the following described parcel of land, situate in the said County of Tulare, State of California, viz: A strip of land of sufficient width to construct and maintain a telephone line and a road bed with cuts, fills and drainage over and across the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ and the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 12, and the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 1, T 16 S., R 28 E., Mt. Diablo Meridian.

Para-
graph
#1.

Beginning at a point on the north line of the SW $\frac{1}{4}$ of Section 12, T 16 S., R 28 E., MDN, said point bears S87°34'W 2188.05 feet from the east $\frac{1}{4}$ corner of said section 12 and runs N 15°10'W-89.11 feet; thence N41°04'W-238.52 feet; thence N28°59'W-74.75 feet; thence N48°46'W-173.26 feet; thence N45°W-93.72 feet; thence N51°44'W-51.19 feet; thence N48°58'W-46.34 feet; thence S89°42'W-36.19 feet to a point on the west line of the east half of said section 12 which point bears N 0°10'E-3163.06 feet from the $\frac{1}{4}$ corner of Sections 12 and 13, T 16 S., R 28 E., MDN thence S89°42'W-25.96 feet; thence S52°24'W-64.80 feet; thence N69°02'W-81.02 feet; thence N28°06'W-274.60 feet; thence N42°44'W-97.70 feet; thence N23°42'W-128.56 feet; thence N35°35'W-188.98 feet; thence N53°49'W-200.92 feet; thence N51°43'W-7.53 feet to a point on the north line of the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of said section 12 from which point the NW corner of the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of said Section 12 bears S87°34'W-682.8 feet. This right-of-way lies within the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ and the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of said Section 12.

Para-
graph
#2.

Also Beginning at a point on the east line of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 1, T 16 S., R 28 E., MDN, said point bears N 3°21'E-358.13 feet from the SE corner of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of said section 1. Thence N 72°23'W-30.66 ft.; thence S 69°32'W-91.03 ft.; thence N 61°54'W-80.09 feet; thence N 13°03'W-132.44 feet; thence N 43°16'W-165.62 feet; thence N 8°12'W-171.37 feet; thence S 69°55'W-145.30 feet; thence N 85°13'W-96.72 feet; thence N 60°40'W-144.50 feet; thence N 43°38'W-74.08 feet; thence N 84°40'W-114.75 feet; thence N 68°08'W-198.00 feet; thence N 25°04'W-172.70 feet; thence N 51°47'W-87.89 feet; thence N 18°50'W-61.00 feet; thence N 18°34'W-9.51 feet to a point on the north line of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of said Section 1; said point bears N 87°10'E-328.45 feet from the NW corner of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of said Section 1. All of the herein described right-of-way lies within the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 1, T 16 S., R 28 E., MDN.

Para-
graph
#3.

Also a strip of land of sufficient width and area to construct a pipe line from spring to truck trail, fire reservoir and landing roadway for fire equipment and authority to use what water is necessary for fire fighting, said spring being located in the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 1, T 16 S., R 28 E., MDN.

See
P.
2.

STATE OF CALIFORNIA,

County of Tulare

On this 15th day of February in the year one thousand nine hundred and forty
 before me, Benj. F. Gibson a Notary Public in and for the said

County of Tulare State of California, residing therein
 duly commissioned and sworn, personally appeared

M. E. Hengst andAlfred Hengst

known to me to be the persons whose names are subscribed to the within instrument
 and acknowledged to me that t bey executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal
 in the said County of Tulare the day and year in this
 certificate first above written.

Benj. F. Gibson
 said
 Notary Public in and for the said County of Tulare
 State of California
 My Commission Expires March 10, 1942

feet to a point on the east line of the east half of said section 12 which point bears N 0°10'E 31.06 feet from the E corner of Sections 12 and 13, T 16 S, R 28 E, MDN thence S 89°42'W 25.95 feet, thence S 52°24'W 64.80 feet, thence N 63°02'W 61.02 feet, thence N 28°08'W 274.60 feet, thence N 42°44'W 97.70 feet, thence N 23°42'W 128.56 feet, thence N 35°35'W 168.96 feet, thence N 51°49'W 200.92 feet, thence N 51°43'W 7.51 feet to a point on the north line of the SW 1/4 of the NW 1/4 of said section 12 from which point the NW corner of the SW 1/4 of the NW 1/4 of said section 12 bears S 67°14'W 682.4 feet. This right-of-way lies within the SW 1/4 of the NW 1/4 and the SW 1/4 of the NW 1/4 of said section 12.

Also beginning at a point on the east line of the SW 1/4 of the SW 1/4 of section 1, T 16 S, R 28 E, MDN, said point bears N 5°01'E 358.13 feet from the SE corner of the SW 1/4 of the SW 1/4 of said section 1. Thence N 72°23'W 30.66 ft.; thence S 69°32'W 91.03 ft.; thence N 61°54'W 80.09 feet; thence N 13°03'W 132.44 feet; thence N 43°16'W 165.62 feet; thence N 8°12'W 171.37 feet; thence S 65°55'W 145.30 feet; thence N 85°13'W 96.72 feet; thence N 68°40'W 144.50 feet; thence N 43°38'W 74.08 feet; thence N 84°40'W 114.75 feet; thence S 68°06'W 198.00 feet; thence N 25°04'W 172.70 feet; thence N 51°47'W 87.89 feet; thence N 18°50'W 61.00 feet; thence N 16°34'W 9.51 feet to a point on the north line of the SW 1/4 of the SW 1/4 of said section 1; said point bears N 87°10'W 328.45 feet from the NW corner of the SW 1/4 of the SW 1/4 of said section 1. All of the herein described right-of-way lies within the SW 1/4 of the SW 1/4 of section 1, T 16 S, R 28 E, MDN.

Also a strip of land of sufficient width and area to construct a pipe line from spring to truck trail, fire reservoir and loading roadway for fire equipment and authority to use what water is necessary for fire fighting, said spring being located in the SW 1/4 of the SW 1/4 of section 1, T 16 S, R 28 E, MDN.

This description covers the telephone line and truck trail as existing January 1, 1940 described in Paragraphs 1 and 2 herein and the property to be used as a water reservoir as described in Paragraph 3.

It is agreed that the speed limit on sections covered by Paragraphs 1 and 2 is not to exceed 12 miles per hour.

To have and to hold the same unto the said United States for the use and purpose of ^{administrative} highway; and if, at any time hereafter, said parcel of land shall cease to be so used as ^{administrative} highway, then the same shall revert to the said grantors, their heirs or assigns.

In Witness Whereof, I have hereunto set my hand this 15th day of February, A. D., 1940.

Signed, sealed and delivered in the presence of

Ray F. Gibson
Notary Public

M. E. Hargst (Seal)
Alfred Hargst (Seal)

Sequoia National Park
State of California
County of Tulare

By _____

Deputy Clerk.

DEED

TO THE
UNITED STATES

19

at the Request of

A. D., 19

M.

of

page

Recorder

Deputy

personally known to _____ to be the same person described in and whose name is subscribed to the within instrument as a party thereto sign the same; and that he, the affiant, then and there subscribed _____ name to the said instrument as a witness.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the said County of Tulare, State of California, the day and year in this Certificate first above written.

Clerk.

By _____

Deputy Clerk.

7588

DEED

TO THE

UNITED STATES

19

Filed For Record at the Request of

Daniel J. Tobin

APR 23 1940

A. D., 19

M.

at 35 min. past 3 o'clock P.

of

and recorded in Vol. 897.

page 325

OFFICIAL RECORDS

Tulare County Records

Recorder

Deputy

By _____

Recorder

Deputy

150 pl

Soguoia-Matth Rivk.

Calif.

3.

COPY

KNOW ALL MEN BY THESE PRESENTS

That, We, M. E. Hengst and Alfred Hengst, Wife and Husband, Three Rivers, County of Tulare, State of California, for value received, do give, grant, dedicate and convey unto the United States, the following described parcel of land, situate in the said County of Tulare, State of California, viz: A strip of land of sufficient width to construct and maintain a telephone line and a road bed with cuts, fills and drainage over and across the $\frac{SW}{4}$ of the $NE\frac{1}{4}$ and the $SE\frac{1}{4}$ of the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of Section 12, and the $SW\frac{1}{4}$ of Section 1, T 16 S, R 28 E, M. Double Meridian:

Beginning at a point on the north line of the $SW\frac{1}{4}$ of Section 12, T 16 S, R 28 E, M. Double Meridian, said point bears $S87^{\circ}34'N$ 2188.03 feet from the east $\frac{1}{2}$ corner of said section 12 and runs $N 15^{\circ}10'W-57.11$ feet, thence $N41^{\circ}04'W-238.52$ feet, thence $N28^{\circ}53'W-74.73$ feet, thence $N48^{\circ}46'W-173.26$ feet, thence $N45^{\circ}W-92.72$ feet, thence $N61^{\circ}44'W-31.19$ feet, thence $N48^{\circ}38'W-46.34$ feet, thence $S89^{\circ}42'W-36.19$ feet to a point on the west line of the east half of said section 12 which point bears $N 0^{\circ}10'E-2163.06$ feet from the $\frac{1}{4}$ corner of Sections 12 and 13, T 16 S, R 28 E, M. Double Meridian thence $S85^{\circ}42'W-25.96$ feet, thence $S52^{\circ}24'W-64.80$ feet, thence $N69^{\circ}02'W-61.02$ feet, thence $N28^{\circ}08'W-274.60$ feet, thence $N42^{\circ}44'W-97.70$ feet, thence $N25^{\circ}42'W-123.56$ feet, thence $N35^{\circ}35'W-188.98$ feet, thence $N53^{\circ}49'W-200.92$ feet, thence $N51^{\circ}43'W-7.53$ feet to a point on the north line of the $SW\frac{1}{4}$ of the $NE\frac{1}{4}$ of said section 12 from which point the NW corner of the $SW\frac{1}{4}$ of the $NE\frac{1}{4}$ of said Section 12 bears $S87^{\circ}34'W-682.0$ feet. This right-of-way lies within the $SW\frac{1}{4}$ of the $NE\frac{1}{4}$ and the $SE\frac{1}{4}$ of the $SW\frac{1}{4}$ of said Section 12.

Also beginning at a point on the east line of the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of Section 1, T 16 S, R 28 E, M. Double Meridian, said point bears $N 5^{\circ}21'E-358.13$ feet from the SE corner of the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of said section 1. Thence $N 72^{\circ}23'W-30.66$ ft.; thence $S 69^{\circ}32'W-91.03$ ft.; thence $N 61^{\circ}34'W-80.09$ feet; thence $N 15^{\circ}03'W-132.44$ feet; thence $N 45^{\circ}16'W-165.62$ feet; thence $N 8^{\circ}12'W-171.37$ feet; thence $S 65^{\circ}55'W-149.30$ feet; thence $N 85^{\circ}13'W-76.72$ feet; thence $N 60^{\circ}40'W-144.50$ feet; thence $N 43^{\circ}36'W-74.08$ feet; thence $N 84^{\circ}40'W-114.73$ feet; thence $N 69^{\circ}08'W-198.00$ feet; thence $N 25^{\circ}04'W-172.70$ feet; thence $N 21^{\circ}47'W-27.89$ feet; thence $N 16^{\circ}50'W-61.00$ feet; thence $N 16^{\circ}34'W-7.51$ feet to a point on the north line of the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of said Section 1; said point bears $N 87^{\circ}10'W-328.45$ feet from the NW corner of the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of said Section 1. All of the herein described right-of-way lies within the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of Section 1, T 16 S, R 28 E, M. Double Meridian.

Also a strip of land of sufficient width and area to construct a pipeline from spring to truck trail, fire reservoir and loading roadway for fire equipment and authority to use what water is necessary for fire fighting, said spring being located in the $SW\frac{1}{4}$ of the $SW\frac{1}{4}$ of Section 1, T 16 S, R 28 E, M. Double Meridian.

This description covers the telephone line and truck trail as existing January 1, 1940 described in Paragraphs 1 and 2 herein and the property to be used as a water reservoir as described in Paragraph 3.

It is agreed that the speed limit on sections covered by Paragraphs 1 and 2 is not to exceed 12 miles per hour.

To have and to hold the same unto the said United States for the use and purpose of ^{administrative} ~~public~~ highway; and if, at any time hereafter, said parcel of land shall cease to be so used as a ^{administrative} ~~public~~ highway, then the same shall revert to the said grantors, their heirs or assigns.

In Witness Whereof, I have hereunto set my hand this 15th day of February, A. D., 1940.

Signed, sealed and delivered in the presence of)

(Sgd.) Benj. F. Gibson)

(Sgd.) M. E. Hengst (Seal)

(Sgd.) Alfred Hengst (Seal)

Notary Public

Sequoia National Park

State of California

County of Tulare

My Commission Expires March 10, 1942.

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SEQUOIA NATIONAL PARK
SEQUOIA NATIONAL PARK, CALIF.

December 12, 1940

MEMORANDUM FOR THE REGIONAL DIRECTOR:

Reference is made to our CCC Job Application 366 covering Small Reservoir Construction, Hengst Ranch, Sequoia National Park, and to Drawing NP-SEQ-5454. Engineer Dunn in the fourth paragraph of his memorandum of December 7 to Associate Attorney Johnson raises several questions, and these are answered in the same order in which presented.

1. Copy of right-of-way deed from Alfred and M. E. Hengst is attached.

2. The Hengst Ranch is described as the S/W $\frac{1}{4}$ of the S/W $\frac{1}{4}$ of Section 1, Township 16, S, Range 28 E, M. D. M.

3. To secure a tie to section corner will require about two days' field work. Engineer Attwell and his crew are very busy on other important engineering work at this time, and he hopes that it will not be necessary to do this additional field work. He assures me that the reservoir and spring are unquestionably within the Hengst property.

4. Mr. Hengst had a wooden reservoir in the stream bed with a fence around it to prevent stock from breaking into and destroying the diversion of water into the drinking trough and reservoir. This development will be abandoned as soon as the new reservoir with the overflow for stock is constructed.

5. The spring is located immediately at the diversion. Mr. Hengst has already constructed an intake and proposes that we use it, which is what we expect to do. The source of water is available to no one except Mr. Hengst and to the Government.

6. The approximate flow of the spring at minimum flow, which is during August to October, is about 3 gallons per minute.

7. As to the quantity of water which the Government is authorized to use, no definite amount is stated in gallons. However, as you will observe from the deed, we have "authority to use what water is necessary for fire fighting". This is the only use which we intend to make, and which we need to make, of this water supply.

We hope that this project may now be approved, as it forms an important link in our fire protection system in an area of the park which is particularly hazardous and where water sources are very scarce. We want to get the work underway very soon and completed during the early winter.

E. T. Scoyen,
Superintendent.

/s/ Daniel Tobin.

By Daniel J. Tobin,
Assistant Superintendent.

Enc.

STATE OF CALIFORNIA,)
County of Tulare) ss.

On this _____ day of _____, in the year One Thousand Nine
Hundred and _____, before me, _____, County Clerk
and ex-officio Clerk of the Superior Court in and for said County, personally
appeared _____ known to me to be the same person whose
name is subscribed to the within instrument as a subscribing witness thereto, who,
being by me duly sworn, deposes and says: That he _____ resides in said County of
Tulare, State of California; that he _____ was present and saw _____
personally known to _____ to be the same person described in and whose name is
subscribed to the within instrument as a party thereto sign the same; and that
he _____, the affiant, then and there subscribed his _____ name to the said instrument
as a witness.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed
my official seal, at my office in the said County of Tulare,
State of California, the day and year in this certificate
first above written.

Clerk.
By _____ Deputy Clerk.

NO. 100-10000
FILED: MAR 27 1940
RECORDED
Per State Recorder
Court ID: 4

DEED
TO THE
UNITED STATES
DATE _____ 13
Filed for record at the request of
David J. Kohn
APR 23 1940
at _____ mine, post 3 street _____
and recorded in Vol. 177 of
Official Records
Tulare County Records, _____
In J. J. Kohn
By (Sgt.) James H. Kohn
1-20 Sequoia Nat'l Park
TO Calif.

SEQUOIA NATIONAL PARK

WATER SYSTEMS

Branch of Engineering
San Francisco, California
March 13, 1935

Revised list based on information supplied in letters from Acting Superintendent to Director February 26, 1935 and to Chief Engineer February 27, 1935 and March 11, 1935.

DRAINAGE

The western portion of the Park is drained by Kaweah River. The entire flow of Kaweah River is used for irrigation in Tulare County.

The eastern portion is drained by Kern River, which flows into Buena Vista Lake Reservoir in Kern County.

A very small area at the south is drained by the North and Middle Forks of Tule River. Tule River water is used for irrigation in Tulare County.

WATER SYSTEMS

(Existing unless otherwise designated)

1. Ash Mountain Dwg. SEQ-4981, 5062

Serves: Park Headquarters, employees' residences, utility area, tree nursery, barn and public camp ground. Domestic use, sanitary, lawn sprinkling, fire protection and water for livestock.

Source of Supply: Spring tributary to Alder Cr., which is tributary to Kaweah River.

System: Dam in Alder Cr. impounding 140,000 gallons; 6" supply line to reservoir; 50,000 gal. concrete storage reservoir; 4" and 3" main; 2" and smaller laterals.

Notes: Estimated flow of springs Nov. to May, 40,000 gal. per day (0.062 sec. ft.); May to Nov. 20,000 gal. per day (0.031 sec.ft.).

Future use: 100,000 gal. per day (0.155 sec.ft.)

2. Ash Mountain (Proposed)

Source of Supply: Middle Fork of Kaweah River.

System: Three miles of pipe line from diversion dam of Southern California Edison Co. to existing reservoir at Ash Mountain; new distribution system.

Refer to Docket # SEQU-0001 Sycamore Creek Water System for a complete inventory of existing water rights/systems/uses as of March 13, 1996

WATER RESERVOIRS AND SYSTEMS ON ASH MOUNTAIN TRUCK TRAIL AND
SEQUOIA NATIONAL PARK WEST BOUNDARY

All of the above systems are composed of small concrete dam pickups, intake lines, storage reservoirs (all concrete except for some of the tops and traps), over-flows, outlet lines, and in one case a standpipe. The lines are of varying sizes; some underground and some on the surface. All outlets terminate with valves and fitting sufficient to load tankers with a $1\frac{1}{2}$ inch hose by gravity flow.

I. Grindstone Reservoir

A. Location - NE $\frac{1}{4}$, SW $\frac{1}{4}$, S 1, T 16 S, R 28 E - 6 tenths miles beyond road junction on west section line.

B. Construction

1. Pickup - small concrete dam in stream bed.
2. Tank - underground, concrete, wood top, 8'x5 $\frac{1}{2}$ 'x4 $\frac{1}{2}$ 'D.
3. Intake pipe - mostly under-ground, approx. 11 chains long, 1 $\frac{1}{2}$ " pipe.
4. Outlet pipe - less than 1 chain long, 1 $\frac{1}{2}$ " pipe.

II. Adobe Reservoir

A. Location - NE $\frac{1}{4}$, NW $\frac{1}{4}$, S 12, T 16 S, R 28 E - approximately 7 tenths of a mile northeast of the Yucca Creek bridge.

B. Construction

1. Pickup - small concrete dam in stream bed.
2. Tank - partially underground, concrete, concrete top, round iron trap, bottom slopes with contour of the hill, concrete trough on low side and outside the tank to pick up overflow. 8'x8'x4'D.
3. Intake pipe - mostly underground, 6 chains long, 1" pipe.
4. Outlet pipe - underground, shutoff valve near tank, 6 chains long, 3 $\frac{1}{2}$ " or 4" pipe, same size standpipe about 6' high, gate valve.

III. Progress Reservoir

A. Location - SE $\frac{1}{4}$, NE $\frac{1}{4}$, S 26, T 16 S, R 28 E - 2 tenths miles below fire trail marker post (Ash Pk. F.T. 4)

B. Construction

1. Pickup - small concrete dam in creek bed.
2. Tank - concrete structure against large rock. Wood top and trap, above ground, 6'x6'x4'D.

3. Intake pipe - on surface, 3 chains long, $\frac{3}{4}$ " pipe.
4. Outlet pipe - on surface, 2 chains long, $\frac{1}{2}$ " pipe.

IV. Rattlesnake Reservoir

A. Location - NW $\frac{1}{4}$, NW $\frac{1}{4}$, S 31, T 16 S, R 29 E - Approx. .5 miles east of west boundary line.

B. Construction

1. Pickup - small concrete dam in stream bed.
2. Tank - concrete on three sides, rock embankment on fourth and uphill side, open top to permit free flow of stream into tank. 8'9"L x 5'6"W x 4'6"D.
3. Inlet pipe - on surface, $\frac{1}{2}$ chain long, $\frac{3}{4}$ " pipe.
4. Outlet pipe - on surface, 2 chains long, $\frac{1}{2}$ " pipe.

V. Wishbone Reservoir

A. Location - NW $\frac{1}{4}$, NW $\frac{1}{4}$, S 32, T 16 S, R 29 E - less than 1 mi. from the summit of the Ash Mt. T.T. on the Ash Mt. side.

B. Construction

1. Pickup - small concrete dam in stream bed.
2. Tank - concrete, concrete top with wood trap, under ground. 13'9"L x 6'W x 5'D.
3. Intake pipe - on surface, 5 chains long, 1" pipe.
4. Outlet pipe - on surface, 2 chains long, short 4" piece reduced to $\frac{1}{2}$ " pipe for remainder of length.

VI. Sycamore Reservoir

A. Location - SE $\frac{1}{4}$, NE $\frac{1}{4}$, S 32, T 16 S, R 29 E - approx. 3 tenths miles beyond the Ash Mt. dump.

B. Construction

1. Pickup - larger concrete dam than the others, three sides with open end upstream.
2. Tank - underground, concrete, wood top and trap. 14'3"L x 6'W x 6'D.
3. Intake pipe - on surface, 11 chains long, 1" pipe.
4. Outlet pipe - on surface, $\frac{2}{3}$ chain, $\frac{1}{2}$ " pipe.

/s/ Leslie W. Cammack
2 LESLIE W. CAMMACK
Supv. Park Ranger
Headquarters Area



National Park Service
U. S. Department of the Interior
Natural Resource Stewardship & Science
Water Resources Division

1201 Oakridge Dr., Ste. 250
Fort Collins, CO 80525
970-225-3548 phone
970-225-9965 fax

Water Rights Branch

Note to File

Date: July 21, 2017
From: Sally Jordan-Hemming, Research Assistant
File: SEKI Dockets (All)
Subject: Other Supporting Information
1) Sequoia & Kings Canyon National Parks California Drought Assessment

- 1) Sequoia & Kings Canyon National Parks California Drought Assessment
IRMA – Data Store – Published Report – (Code: 2242660)
<https://irma.nps.gov/DataStore/Reference/Profile/2242660>

Description

WRB prepared drought assessments for SEKI, YOSE, and LAVO, and also worked with PINN and WHIS. The drought assessments included an inventory of the park's rights and uses, an assessment of the relative seniority of the parks rights, and an estimation of the likelihood of the park's rights being called for curtailment

ATE: May 24, 1979

DOCKET (FILE) TITLE _____

REGION Western AREA Sequoia National Park *

SITE Reservoirs along the Ash Mountain Truck Trail

STATE California COUNTY Tulare DOCKET NO. WR #3

LOCATION See remarks; reservoirs in scattered locations

REGIONAL BASIN _____ LOCAL BASIN _____

ACQUIRED BY Reservation

APPLICATION None PERMIT None CERTIFICATE _____

ACTION DUE _____ PRIORITY _____ RESERVATION Sept. 30, 1890

QUANTITY USED: unknown USE fire protection

STATUS Active SOURCE surface water/stream

REMARKS Locations: Grindstone Reservoir (NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1, T 16S, R 28E); Adobe Reservoir (NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 12, T16s R 28E, approximately 7 tenths of a mile NE of the Yucca Creek Bridge); Rattlesnake Reservoir (NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 31, T16S R29E); Wishbone Reservoir (NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 32, T16s R29 E); Sycamore Reservoir (SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32, T 16S, R 29E). These are all located in Hydrologic Unit No. 18030005.

NARRATIVE: On February 15, 1940, Mr. and Mrs. Alfred Hengst conveyed to the United States a right of way for a truck trail along the westernmost border of Sequoia National Park. The truck trail (designated the Ash Mountain Truck Trail) was located in the vicinity of various water reservoirs and systems located in Sequoia National Park. Each diversion was by a concrete dam in the stream bed. The following is a list of the reservoirs which are within the Park boundary: Grindstone, Adobe, Rattlesnake, Wishbone, and Sycamore, all locations specified above.

All of these diversions are located on lands originally withdrawn when Sequoia National Park was established. There have apparently been no filings made with the State of California concerning this water right, and the reservation doctrine will apply.

Compiled by Ernesto MolinaPage 1 of 1

Approved by _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON 25, D. C.

January 29, 1960

IN REPLY REFER TO:
L54 OBL

RECEIVED
NPS REGION FOUR OFFICE
FEB -1'60

Memorandum

To: Regional Director, Region Four
From: Chief, Water Resources Section
Subject: Fire Protection Reservoirs, Ash Mountain Truck Trail,
West Boundary, Docket 3, Sequoia

SURNAME	DATE
REG. DIR.	
ASST. R.D.	
OPERATIONS	
ADMIN.	
RECREATION	
INTELL.	
RANGER ACT	

Attached is your folder for the subject docket, containing a tentative outline, copy of the Deed 16 to certain lands from Mr. and Mrs. Hengst which was forwarded with memorandum of November 16, 1959, from the Superintendent, and the descriptions of the six reservoirs by Mr. Cammack which was also forwarded with that memorandum. The original deed is being placed in the folder which was prepared by the Real Estate Section on the basis of a memorandum of January 4, 1941, of which copies are being sent to you and the Superintendent, but not to WODC because of the limited present value.

It is noted that the deed was recorded, but never accepted for the United States. It also consists of two partial pages of a deed form which were cut and glued together. Some one in the Park noted the purpose for which the three parcels were to be used, in pencil along the left margin. Further action on the deed, as an interest in land, will be considered separately by the Real Estate Section. This memorandum relates to only the water right docket.

We have transferred the map with our memorandum of October 19, 1959, to our docket assembly, and so noted on the copy of the memorandum in the Water Resources file. We have also cross referenced the memorandum on the map.

The docket should be expanded to record the basis of water rights and access for each water system which the United States is still maintaining. Mr. Cammack's descriptions should be expanded to give the names of sources of supply, tie from diversion point to a section corner (by scaling from map for the time being), date of construction, and storage capacity. A sketch of water system on a section plat should be included. No water right applications should be made until water right procedure for Sequoia and the other California parks is decided.

to be
added
into
when
time is
available

X Spaulding
1/31 2/1

The Grindstone Reservoir and third parcel in the deed seem to be related, but the available information suggests that the diversion may be on unpatented Federal land in NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1 and the reservoir may be on the right-of-way over Hengst land in SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1. Different water right status may result from diversions and use on patented or unpatented land.

The Progress Reservoir is said to be on SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 26, T 16 S, R 28 E, which is not in Park. We formerly prepared to file water right application for a Progress Gulch Reservoir, with diversion in NW $\frac{1}{4}$ NE $\frac{1}{4}$ and reservoir and use in SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 24, T 16 S, R 28 E, for which please refer to Drawings 5457 and 6975. Both sections are outside the Park, and the plan to file was dropped when the area was excluded from the National Forest. The land status and Federal interest in reservoir on either section needs clarification.

The rest of the reservoirs appear to be on unpatented Federal land in the Park, and the basis of water right will be the same as most other water uses in the Park.

In my search for the Progress Gulch maps, I came across a print of Drawing 5468 showing a water system for a patrol cabin which is apparently on Park land in Sec. 23, T 15 S, R 28 E, with diversion from North Fork Kaweah (judging from River bend since no sections lines are shown). I am not sure that you will wish to record all six reservoirs in the single Docket 3, but this Patrol Cabin water system might also be added if the docket is completed as record of all water use for fire protection along the truck trail.



A. van V. Dunn
Chief, Water Resources Section

Attachment

Copy to: Superintendent, Sequoia, w/identical attachment
Chief, WODC, w/docket attachment

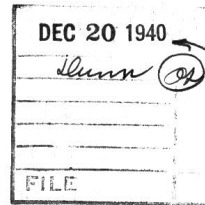
EDWARD HYATT, STATE ENGINEER
CHIEF OF DIVISION

CULBERT L. OLSON
GOVERNOR OF CALIFORNIA

FRANK W. CLARK
DIRECTOR

STATE OF CALIFORNIA
Department of Public Works
SACRAMENTO

DIVISION OF WATER RESOURCES
PUBLIC WORKS BUILDING



December 14, 1940

Mr. A. van V. Dunn
Hydraulic Engineer
601 Sheldon Building
San Francisco, California

Dear Sir:

Your letter of December 7 is acknowledged, and in reply you are advised that there are no applications before this office to appropriate water from the vicinity mentioned in your letter. There may be old appropriative water rights initiated prior to December 19, 1914, or riparian rights of which this office would have no record.

*Re
Riparian Rights
in Laguna*

Very truly yours,

EDWARD HYATT, STATE ENGINEER

By *Harold Conkling*
Deputy State Engineer

*Copies to Reg. Director
Supt., Laguna Nat. Parks* } *12/20/40.*

C O P Y

December 11, 1940.

Memorandum for the Director:

Under separate cover we are forwarding original drawing NP-SEQ-5454, Fire Reservoir, Hengst Ranch, West Boundary, Sequoia National Park, for your approval. This plan has been cleared by the Regional Director and has received concurrence and review by the regional technical branch heads.

Enclosed herewith we are forwarding duplicate copies of the job application, Form 10-352, covering Job 355-161, Small Reservoir Construction, Hengst Ranch, Sequoia National Park, for your approval. Enclosed also are duplicate copies of applicable routing sheet bearing concurrence by Regional Office technical branch heads and clearance by the Regional Director.

Duplicate copies of comments by Associate Engineer Hohl are enclosed for your observation. Mr. Hohl states that the 1" pipe which is the limit for small bore should be well above the bottom of the intake and should be protected by a screen. He recommends 1/2" steel bars parallel to the diameter at the rate of two on each side of the man hole both ways. We are also forwarding duplicate copies of comments by Hydraulic Engineer A. Van v. Dunn. A copy of this comment has been forwarded direct to your office by Mr. Dunn. Mr. Dunn states that there seems to be some question of adequacy for both the park and the Hengst Ranch, but that the park seems to be arranging distribution for mutual satisfaction. He signifies his concurrence in the project, but feels that this is one water system in Sequoia which should probably have a filing. Additional data, however, will be necessary before this point can be determined. A copy of Mr. Dunn's comments have been forwarded to the Superintendent of Sequoia National Park in order that he may answer a number of questions brought up in the comments.

In forwarding this job and plan for your approval we are complying with page 6, "Jobs Which Require the Director's Approval" of Office Order 342, dated September 28, 1939. It is noted that jobs under the Form CCC-7 Classification 161, Small Reservoirs, requires the approval of the Director.

We feel that structures involving so little technical design and of such an insignificant type could well be approved in this office, or even in a superintendent's office. The same is true of small projects, such as garages to residences, short approaches to utility areas, etc. In many of the classifications shown on page 6 of Office Order 342 it often happens that plans and jobs submitted cover only small items of construction which have no definite bearing on a major development, or which involve National Park Service policies to no great extent.

In consideration of the additional time involved in sending such plans and jobs to Washington for approval, and the effort necessary for your office to approve and notify the field, we ask that your permission be given this office to approve plans and jobs of a minor nature in those classifications where the Director's approval is now required.

(SGD) JOHN R. WHITE

Regional Director.

Encl. 2138348
cc Supt. Scoyen
cc Insp. Clarke
cc Regional Director
cc extra
cc Project control
cc Mr. Trimbel

IWT:MM



601 Sheldon Building,
San Francisco, Calif.,
December 7, 1940.

Memorandum for Associate Attorney Albert L. Johnson:

Reference is made to CCC Job Application 368, Small Reservoir on Cedar Creek; and CCC Job 369, Small Reservoir, Big Fern.

On the assumption that neither water system involves private land, I have concurred. However, the Regional Engineer has requested more data before he approves, and I suggest that the park should also assure him that there are no private interests, particularly at Cedar Creek.



A. van V. Dunn,
Hydraulic Engineer.

cc: Director.
Region IV.
Reg. Engr. Waterhouse.
Supt., Sequoia Nat. Park.
Reg. Atty. Taylor.



27

to 7/21/2017

7/25/2017