



WATER-RIGHT DOCKET

Grand Canyon National Park

Docket No: 11

LOWER SADDLEHORSE SPRINGS

Preliminary Docket Information

09-26-1973: water right/source docket information

WATER RESOURCES/WATER REG.

DATE: September 26, 1973

WATER RIGHT/SOURCE DOCKET INFORMATION

REGION Western AREA Grand Canyon National Park

SITE Lower Saddlehorse Springs

STATE Arizona COUNTY Coconino DOCKET NO WR #11

LOCATION NW 1/4 Sec. 28, T33N, R7W

REGIONAL BASIN LOCAL BASIN

ACQUIRED BY Appropriation

APPLICATION A-2823 PERMIT A-1987 (cancelled) CERTIFICATE

ACTION DUE PRIORITY Feb. 25, 1947 RESERVATION December 22, 1932

QUANTITY -0- USE None

STATUS Inactive SOURCE Spring

REMARKS Hydrologic Unit #15010002

NARRATIVE:

On February 25, 1947, the NPS filed application A-2823, for the appropriation of water from Lower Saddlehorse Springs. This water was intended to be brought from these inaccessible springs to some nearby stock trails, for the use of live-stock and wild game.

Construction of a rock-catchment and pipeline system began on April 1, 1946, and was completed on June 24, 1946. It was not expected that full beneficial use of the water was to be made until 1965, however, and upon application, the State granted an extension of time for full use of the water until February 21, 1961.

The State Land Department sent to the Park an order to show cause why application A-2823 should not be cancelled. This matter was referred to this office on August 27, 1973, and on September 14, 1973 we made application for an extension of time to complete construction and make proof of appropriation.

On October 29, 1974, the Arizona State Land Department cancelled Application No. A-2823 due to the Park Service's lack of diligence in perfecting its water right. The Park Service position on State Water Rights filings in Arizona was clarified in a memo dated November 14, 1974. The Service felt that any water use in Grand Canyon National Park would fall under the Reservation Doctrine, making the loss of the State water right irrelevant.

By the Act of January 3, 1975 (88 Stat. 2089), Grand Canyon National Monument was consolidated into Grand Canyon National Park. As a result, the water right dockets related to the Monument were assigned GRCA water right numbers. The material previously contained in Grand Canyon National Monument WR #2 is now filed in a new docket - Grand Canyon National Park WR #11.

By memo dated August 17, 1976, from the Superintendent of Grand Canyon National Park, it was learned that Lower Saddlehorse Springs was no longer viable. Another spring located at the head of Saddlehorse Canyon had a flow of 100 gallons per day. Neither spring has ever been used to supply either of two campgrounds in the area.

Kevin Kidder
Sept. 8, 1976

Compiled by Wm. N. Murray

Approved by W. Werrell

Page 1 of 1

STATE LAND DEPARTMENT OF THE STATE OF ARIZONA
BEFORE THE STATE LAND COMMISSIONER

IN THE MATTER OF APPLICATION)
TO APPROPRIATE WATER NO. **A-2823**)
PERMIT NO. A-1987)
)
)
Lower Saddlehorse Springs/Colorado) **ORDER OF CANCELLATION**
River)
)
)
Applicant, **Grand Canyon National**)
~~Monument~~)

Upon the files and records of the Arizona State Land Department, the State Land Commissioner, being fully advised in the premises, hereby makes the following findings of fact:

1. That Application to Appropriate Water No. **A-2823** was filed with the Arizona State Land Department on **February 25, 1947** . That the said Applicant has not proceeded with due diligence to perfect said Application to Appropriate Water and was Ordered to Show Cause, if any there be, on or before **September 25, 1973** why said application should not be cancelled.
2. That said Applicant has not shown cause nor did Applicant appear to show cause why Application to Appropriate Water No. **A-2823** should not be cancelled and it is in the best interest of the State to cancel said application due to Applicant's lack of diligence.

NOW, THEREFORE, IT IS HEREBY ORDERED that Application to Appropriate Water No. **A-2823** heretofore filed by **Grand Canyon National Park, U.S. Department of the Interior, National Park Service, Western Region, P.O. Box 36063, San Francisco, California 94102** , Applicant(s) be and the same hereby is cancelled.

This Order is subject to appeal as in such cases is provided by the laws of the State of Arizona.

GIVEN under my hand and the official seal of the Arizona State Land Department this **29th** day of **October** , 19 **74**

SEAL

Ambrose R. Rittinger
STATE LAND COMMISSIONER *WJH*

64-74
BY CERTIFIED MAIL, **569856**



JACK WILLIAMS
GOVERNOR

Arizona
State Land Department

1624 WEST ADAMS
PHOENIX, ARIZONA 85007
602 - 271-4634



ANDREW L. BETTAY
STATE LAND COMMISSIONER

September 27, 1973

Mr. Gustav W. Muehlenhaupt
Acting Regional Director
U. S. Department of the Interior
National Park Service
Western Region
Post Office Box 36063
San Francisco, California 94102

Dear Mr. Muehlenhaupt:

As per your request of September 14, 1973, find enclosed an extension of time on the Commissioner's Order To Show Cause on Application Nos. A-2823, A-1765, A-1880, A-3095, A-2601, A-2602, A-1878, A-1799, A-1881 and A-1766 to and including the 1st day of October, 1974.

Very truly yours,

Wm Joe Melling

Wm. Joe Melling, Director
Water Rights Division

WJM/jaw

Enclosures



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WESTERN REGION
450 GOLDEN GATE AVENUE, BOX 36063
SAN FRANCISCO, CALIFORNIA 94102

L54(WR)PSSW
Water Rights/General
CRCA NM #2

September 14, 1973

State Land Commissioner
State Land Department of the
State of Arizona
1624 West Adams - 4th Floor
Phoenix, Arizona 85007

Dear Sir:

This is in response to your orders to show cause in regard to applications listed below. In accordance with the telephone conversation of August 29 between Mr. William Melling of your office and Mr. Gerard Witucki of this office, a request is hereby made for an extension of time regarding these applications.

In reviewing our files concerning these applications, we have determined that the water usages under the following permits continue to have regular and active use:

- Application A-2823, Permit A-1987 for Lower Saddlehorse Springs in Grand Canyon National Monument.
- Application A-1765, Permit A-1093 for Roaring Springs.
- Application A-1880, Permit A-1194 for Bright Angel Creek for South Rim of the Grand Canyon.
- Application A-3095, Permit A-2147 for Rio Puerco water system in Petrified Forest National Monument.
- Application A-2601, Permit A-1829 for Cholla Spring #1 in Tonto National Monument.
- Application A-2602, Permit A-1830 for Cholla Spring #2 in Tonto National Monument.

The following diversionary systems are in place, operable, and are being maintained on a standby basis for use during emergencies or while repairs are being made to the principal water-delivery systems:

- Application A-1878, Permit A-1192 for Bright Angel Creek
- Application A-1799, Permit A-1132 for the Bonita Canyon Springs water system at Chiricahua National Monument.

The systems to which the following permits refer have not been used regularly therefore; we have placed these water usages on our inactive list:

Application A-1881, Permit A-1195 for the Bright Angel
Creek hydroelectric system for Phantom Ranch.
Application A-1766, Permit A-1094 for Bright Angel
Creek for Phantom Ranch.

Substantial funds were expended in planning and construction for the projects related to these applications, and we believe that increasing Park visitation and expansion of facilities may someday require the implementation of these projects.

Sincerely,

SIGNED

Gustav W. Muehlenhaupt
Acting Regional Director

bc:

Ass't Regional Director, Arizona
Superintendent, GRCA
Superintendent, PEFO
Superintendent, TONTO NM
Superintendent, CHIRICAHUA NM
Field Solicitor, San Francisco
Field Solicitor, Arizona

(WR)PSSW:WNMurray:GSWitucki:mpm 9/14/73

STATE LAND DEPARTMENT OF THE STATE OF ARIZONA

BEFORE THE STATE LAND COMMISSIONER

IN THE MATTER OF)
APPLICATION NO. A-2823)
TO APPROPRIATE WATER)
Re: Lower Saddlehorse Springs/) ORDER TO SHOW CAUSE
Colorado River)
Grand Canyon National Park,)
Applicant)

The Arizona State Land Department, through its Water Rights Division, on lack of information that the above named applicant has complied with the requirements of ARS Section 45-150 relating to the completion of construction to appropriate surface waters, and further on the belief that the above named applicant has not complied with the requirements of Article I, Chapter IV, Rule 13 of the rules and regulations of the State Land Department governing surface waters, copy attached, HEREBY ORDERS that the above named applicant on or before 25th day of September, 19 73, personally or by verified writing appear and show cause why the State Land Department should not cancel the above numbered application to appropriate the certain waters herein described.

GIVEN under my hand and the Official Seal of the State Land Department this 21st day of August, 19 73.

ARIZONA STATE LAND DEPARTMENT

SEAL

Arthur H. Rittinger
STATE LAND COMMISSIONER

Upon the written request of applicant, and due cause having been shown the date set for hearing the Order to Show Cause set forth above is hereby advanced to the _____ day of _____, 19____.

ARIZONA STATE LAND DEPARTMENT

STATE LAND COMMISSIONER

BY CERTIFIED MAIL 570290

ARTICLE I, CHAPTER IV, RULE 13

13. Proof of Appropriation of Water and Issuance of Certificate.

When an applicant and a holder of a permit has completed the appropriation of the water set forth in his application and permit, he shall file with the Department on a Water Rights Division form PROOF OF APPROPRIATION OF WATER. After a field inspection or such other investigation of the completed project by the Department has been made and the Department is satisfied therefrom that all the requirements of law and these Rules and Regulations have been met, a CERTIFICATE OF WATER RIGHT shall be issued to the applicant or his assignee of record in the State Land Department, Water Rights Division and will be subject to the provisions and conditions therein contained, and such other conditions as may be added thereto, and the provisions of law and these Rules and Regulations.

February 21, 1956

RE: L54-L

C
O
P
Y

Mr. A. van V. Dunn
Chief, Water Resources Section
National Park Service
Washington 25, D. C.

RE: Application No. A-2823
Permit No. A-1987
Lower Saddlehorse Springs,
GRAND CANYON NATIONAL MONUMENT,
applicant

Dear Mr. Dunn:

In view of the explanation contained in your letter of February 17th, we are hereby giving an extension of time of 5 years from this date in this case.

We note that you state that it will probably be around 1965 before full beneficial use is made in this case. We will, of course, if necessary, be pleased upon request from you to grant an additional extension of time if required at the expiration of the present extension.

Very truly yours,

C. H. W. Smith, Engineer
Surface Water Division

CHWS/k



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

IN REPLY REFER TO:
154-L

February 17, 1956

Mr. C. H. Smith, Engineer
Surface Water Division
State Land Department
Phoenix, Arizona

Re: Application A-2823, Permit A-1987,
Lower Saddlehorse Springs, Grand
Canyon National Monument

Dear Mr. Smith:

In reply to your letter of February 9, this is to request an extension of time in which to make full beneficial use of the water under subject application and permit.

This is a trailside water system and we do not anticipate that the full quantity of water will be used until about 1965 on the basis of travel trends. The normal pack train does not spend a whole day at the site, and we do not yet have records of a large enough party of visitors, or census of wildlife to make proof. Moreover, with the rapidly increasing annual use of the national parks and monuments, from 28,000,000 a decade ago, to 58,000,000 in 1955, we hope we do not have to make proof until the annual water use becomes static, or reaches the authorized 195,000 gallons per year.

Sincerely yours,

A. van V. Dunn
Chief, Water Resources Section

February 9, 1956

C
O
P
Y

Mr. A. van V. Dunn,
Chief of Water Resources Branch
National Park Service
Washington 25, D. C.

Re: Application No. A-2823
Permit No. A-1987
Lower Saddlehorse Springs

Dear Mr. Dunn:

In checking over the file on the above captioned case it was noted that we have not had any contact with regard to this application and permit since June and July of 1948.

We would like to bring this case up to date and would appreciate hearing from you as to the current status of the project.

We presume, based on the other applications and permits of the National Park Service, that full application of water has not yet been reached - however, if it has, and you are ready to make Proof of Appropriation leading towards the issuance of a Certificate of Water Right and will so advise us, we will prepare said form for your completion - or if you will require additional time for making full beneficial use an extension of time can be given upon request.

Very truly yours,

C. H. W. Smith, Engineer
Surface Water Division

CHWS/k

Water Division

July 1, 1948

Mr. A. vanV. Dunn,
Chief Water Resources Branch,
National Park Service,
Washington 25, D. C.

Re: Application No. A-2823
Permit No. A-1987
Lower Saddlehorse Springs
Grand Canyon National Park

Dear Mr. Dunn:

Reference is made to your letter of June 15th, and Mrs. Flynn's letter of May 27th, with regard to the foregoing Application.

It is our suggestion that proof of application to beneficial use which must precede the granting of the actual certificate of water right be merely deferred until such time as you feel that the amount asked for in the application has actually been used.

It will not affect your rights in the least under this application and permit if the granting of this certificate of water right should be deferred for some years. You are operating under the permit, and have fulfilled all the requirements thereof, and the final steps can be postponed without prejudice to your rights without a formal extension of time by the commissioner.

Very truly yours,

C. H. W. SMITH,
Engineer, Water Division
State Land Department of Arizona.

CHWS/

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
~~CHICAGO OFFICE~~
Washington 25, D. C.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

RECEIVED
JUN 21 1948
STATE LAND DEPT.
OF ARIZONA

June 15, 1948.

Mr. O. C. Williams,
State Land Commissioner,
Phoenix, Arizona.

Dear Mr. Williams:

The letter of May 27 from Mrs. Flynn suggests that we should have an extension of time in which to make proof of beneficial use of the waters of Lower Saddlehorse Springs in Grand Canyon National Monument under Application No. A-2823, Permit No. A-1987. Such extension of time is hereby requested.

As reported in Application No. A-2823, water is being used from the system, but not to the extent of 195,000 gallons per year. If that full amount of water were being used now, the supply would be inadequate for the needs of a few years hence. Therefore, we do not consider it advisable to make proof on the amount now being used.

It is not clear from Mrs. Flynn's letter whether proof similar to that for a municipal water system will be acceptable for all water rights for national parks and monuments, or not. We could eliminate much detail if the opinion of your legal adviser were in the affirmative.

As an example, we have a water system capable of providing 500 gallons per day. The present demand, for 50 Monument visitors and their stock, is 300 gallons per day, and the annual attendance has been increasing 10% per year. Since at least this rate of annual increase has prevailed in most national parks and monuments since early in the 30's, except during the war years, we have every expectation that the full 500 gallons of water per day will be needed within the next 6 to 8 years. The question is whether we should wait for the full use, or whether we can now obtain the license on the basis of the trend, when that trend suggests probable full use within 10 years.

Sincerely yours,

A. van V. Dunn
A. van V. Dunn,

Chief, Water Resources Branch.





OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona

Water Division

July 1, 1948

Grand Canyon Nat. Mon.
Reed 10.
O. C. WILLIAMS
STATE LAND COMMISSIONER
Docket No. 2

Recd. 7/6/48

Mr. A. vanV. Dunn,
Chief Water Resources Branch,
National Park Service,
Washington 25, D. C.

Re: Application No. A-2823
Permit No. A-1987
Lower Saddlehorse Springs
Grand Canyon National Park

Dear Mr. Dunn:

Reference is made to your letter of June 15th, and Mrs. Flynn's letter of May 27th, with regard to the foregoing Application.

It is our suggestion that proof of application to beneficial use which must precede the granting of the actual certificate of water right be merely deferred until such time as you feel that the amount asked for in the application has actually been used.

It will not affect your rights in the least under this application and permit if the granting of this certificate of water right should be deferred for some years. You are operating under the permit, and have fulfilled all the requirements thereof, and the final steps can be postponed without prejudice to your rights without a formal extension of time by the commissioner.

Very truly yours,

C. H. W. Smith
C. H. W. SMITH,
Engineer, Water Division
State Land Department of Arizona.

CHWS/

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
~~WASHINGTON, D. C.~~
CHICAGO, ILLINOIS
Washington 25, D. C.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

June 15, 1948.

Mr. O. C. Williams,
State Land Commissioner,
Phoenix, Arizona.

Dear Mr. Williams:

The letter of May 27 from Mrs. Flynn suggests that we should have an extension of time in which to make proof of beneficial use of the waters of Lower Saddlehorse Springs in Grand Canyon National Monument under Application No. A-2823, Permit No. A-1987. Such extension of time is hereby requested.

As reported in Application No. A-2823, water is being used from the system, but not to the extent of 195,000 gallons per year. If that full amount of water were being used now, the supply would be inadequate for the needs of a few years hence. Therefore, we do not consider it advisable to make proof on the amount now being used.

It is not clear from Mrs. Flynn's letter whether proof similar to that for a municipal water system will be acceptable for all water rights for national parks and monuments, or not. We could eliminate much detail if the opinion of your legal adviser were in the affirmative.

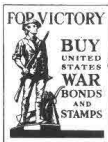
As an example, we have a water system capable of providing 500 gallons per day. The present demand, for 50 Monument visitors and their stock, is 300 gallons per day, and the annual attendance has been increasing 10% per year. Since at least this rate of annual increase has prevailed in most national parks and monuments since early in the 30's, except during the war years, we have every expectation that the full 500 gallons of water per day will be needed within the next 6 to 8 years. The question is whether we should wait for the full use, or whether we can now obtain the license on the basis of the trend, when that trend suggests probable full use within 10 years.

Sincerely yours,

(SGD.) A. VAN V. DUNN

A. van V. Dunn,
Chief, Water Resources Branch.

AvVD:sh.



cc: Regional Director, Region Three (2),
with 2 copies of Mrs. Flynn's
letter of May 27.

Water Division

27 May, 1948

Mr. A. van V. Dunn
Chief, Water Resources Branch
U. S. Department of Interior
National Park Service
Washington 25, D. C.

Re: Application No. A-2823
Permit No. A-1987
Lower Saddlehorse Springs
Grand Canyon National Park

Dear Sir:

Reference is made to your letter of May 10, concerning the terms of the permit in the above captioned case.

If you will please review the application on which the permit is based, you will note that Par. 8 on the second page states that the construction work was completed and water in use. We accepted this statement as beneficial use prior to the filing of application, and worded the permit to conform with the statement.

Certificates of Water Right are based on sworn statements of actual beneficial use of the quantity of water set forth in Par. 7 of the form "PROOF OF APPROPRIATION OF WATER". The permittee may secure a certificate for a lesser quantity of water than approved in the application, but if the permittee is reasonably sure the quantity originally allowed is available and eventually will be used, it is our policy to extend the time for beneficial use in that the permittee may be fully protected, provided substantial reasons are submitted. We refer you to Sec. 75-101 which reads in part "...Beneficial use shall be the basis, measure and limit to the use of water...."

In situations such as those that exist in National Parks and widely traveled scenic areas, it appears to us that the logical time to submit Proof, would be when the available supply met the needs at the peak of tourist travel. Reduced beneficial use in succeeding years, dependent upon general conditions, would in all probability be balanced by an unanticipated heavy demand in other years.

We feel the wisdom of the courts in interpreting the letter of the law where public service is the factor, would be more flexible in matters of conflict than in cases where definitely planned projects are set up. Should you desire extension of time in the permits you refer to, we shall be glad to enter the commissioner's

Mr. A. van V. Dunn
May 14, 1948
Page 2

Order granting such extension. If, in your estimation, you are ready to make proof in certain cases, we shall forward the necessary forms upon request.

This reply is based on average experience in the department in administering the rules and regulations of the office in conformity with the code, and in no wise presumes to give you legal or technical advice. Should some problem arise that you would like presented to our legal advisor, or to the attorney general, we shall be glad to transfer a request to them.

Sincerely yours,

Tessie L. Flynn
Secretary, Water Division

f

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
~~CONFIDENTIAL~~
Washington 25, D. C.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

RECEIVED
MAY 14 1948
STATE LAND
OF ARIZONA

May 10, 1948.

Mr. O. C. Williams,
State Land Commissioner,
Phoenix, Arizona.

Dear Mr. Williams:

We note, on water right Permit A-1987 which you have granted on our Application A-2823, that you have indicated that the water of Lower Saddle Horse Spring, in Grand Canyon National Monument, has been completely applied to the proposed use. However, we have only filed notices that the construction of the water system was begun and completed.

This raises the question of what constitutes "application of water to beneficial use." Is it your interpretation that the water has been applied to beneficial use since we have provided the capacity and anticipate that the full quantity of water will be used within the next 10 or 12 years as increasing tourist visitation results in larger pack strings along the trail past Lower Saddle Horse Spring?

If this is your interpretation, we are ready to make proof for final license under Permit No. A-1987, and also under several other permits for use in other areas under the jurisdiction of the National Park Service.

Sincerely yours,

A. van V. Dunn

A. van V. Dunn,
Chief, Water Resources Branch.



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
~~XXXXXXXXXXXXXXXXXXXX~~
Washington 25, D. C.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

RECEIVED
APR 5 1948
STATE LAND DEPT.
OF ARIZONA

April 1, 1948.

Mr. O. C. Williams,
State Land Commissioner,
Phoenix, Arizona.

Dear Mr. Williams:

We enclose Notices of Beginning and Completion of Construction
of the Lower Saddlehorse Spring Water System at Grand Canyon
National Monument under Application No. A-2823, Permit A-1987.

It is probable that we can also prove up on the beneficial
use of the water, but I am deferring the report until I obtain
more complete data.

Sincerely yours,

A. van V. Dunn
A. van V. Dunn,
Chief, Water Resources Branch.

Enclosure 170.

RECEIVED
APR 7 1948
WATER DIVISION
State Land Department



Application No. 0-27-23Receipt **Nº 2140****Department of the State Water Commissioner**

Received from U.S.A. Land Bureau, Phoenix, Arizona, Feb 24 1948,
 (Applicant's Name) Address Washington 25, D.C.

payment being made by U.S. Bureau, Address L,
 (Applicant's Agent)

the sum of Five 00/100 Dollars in payment of fee in connection
 with the above designated application as follows:

Examination \$.....	Certifying \$.....
Filing and Recording \$ <u>10.00</u>	Blue Prints \$.....
Misc. Recording \$.....	C. W. R.—Recorder \$.....
Copying \$.....	\$.....

Cash	
✓ Check <u>15-51466135-56</u>	
M. O. <u>000</u>	
Amount Rec'd	\$ <u>10.00</u>
Payment	\$.....
Change	\$.....

Remarks Rept mailed Mr. A. van D. Duna with Permit

Municipal \$.....	Stock watering \$ <u>5.00</u>
Domestic \$.....	Mining \$.....
Irrigation \$.....	Power \$.....

STATE WATER COMMISSIONER

By Tessie L. Hyman
Sec.

Wed. Ltr 5-00

NOTICE OF COMPLETION OF CONSTRUCTION

I, A. van V. Dunn for the U.S. of America, the holder of Application No. A-2823, being
 (Reservoir or enlargement) Permit No. A-1987, issued by the State Water Commissioner of the
 State of Arizona for the appropriation of second-feet of the waters of Lower Saddlehorse Spring,
tributary of the Colorado River accordance with the tenor of such permit and the limitations endorsed thereon
 by the State Water Commissioner, have completed the construction of the works described therein the 24th
 day of June, 19 48, being within the time limitation as fixed in said permit or extended by
 the State Water Commissioner for the completion of construction work.

Remarks: Water system was placed in operation on the 24th of June 1946, constructed
according to plans, and has been used continuously since that date, to extent of
demand.
 If the works have a less capacity than as described in the permit, or you have definitely abandoned your plan of irrigating any of the lands
 described in your permit, you should so state in order that our records may not be unnecessarily encumbered.

In Witness Whereof, I have hereunto set my hand this 1st day of April, 19 48.

Interior Bldg., Washington 25, D. C. /s/ A. van V. Dunn, Chief, Water Resources
 (Present address) (Signature of applicant)
 Fill out, detach, and mail to the State Water Commissioner, Phoenix, Arizona Sec., Natl. Park Service, Dept. of the Interior

NOTICE OF BEGINNING OF CONSTRUCTION.

I, For the United States of America, the permittee under Application No. A-2823,
Permit No. A-1987, issued pursuant to the statutes of the State of Arizona for the appropriation of the waters of
Lower Saddlehorse Spring, tributary of the Colorado River

(Describe source of water supply)

for stock and wildlife watering

(State use of water)

in accordance with the terms of said permit, began the actual construction of the works described therein on the 1st
day of April, 19 46, being within the time fixed in said permit for the beginning of construction work.

Catchment of rock constructed at spring, and 1" pipe line installed to place

The appropriator should state the manner of beginning construction work, number of men employed, the amount of work completed up to the date of
of use, and installation of pump and necessary watering troughs.
this statement, and any additional information which may tend to show the beginning of work in good faith.

In Witness Whereof, I have hereunto set my hand this 1st day of April, 19 48.

Interior Bldg., Washington 25, D.C. /s/ A. van V. Dunn

(Present address)

(Signature of applicant)

Chief, Water Resources Sec., Natl. Park Service

Fill out, detach, and mail to the Water Division, State Land Department, Phoenix, Arizona. Dept. of the Interior

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
WASHINGTON

February 18, 1948.

State Land Department,
Phoenix, Arizona.

Attention: Tessie L. Flynn, Secretary, Water Division.

Dear Miss Flynn:

This refers to your letter of February 4 requesting information regarding voucher No. 721 for Order No. 71 D, in the amount of \$10,00, submitted September 12, 1947.

The voucher were scheduled for payment February 6 and you should receive the check within the next few days.

Sincerely yours,

William P. Brooks

William P. Brooks,
Acting Assistant Chief Accounting.

*Permit A-1987
in app. A-2823
3-22-45 to Mr. A. J. D. D. D.
With App. 21-10 for Chief of State Dir
\$10
Washington file 25, 25C*

Water Division

4 February, 1948

Mr. A. van V. Dunn
Chief, Water Division
Washington 25, D. C.

In remitting check please
refer to: App. No. A-2823
Lower Saddlehorse Springs
National Park Service
Order No. 71 D

Dear Sir:

On September 12, 1947, we signed voucher for \$10.00 in Order No. 71 D
for recording fees for permit in the above designated application.

To date check for same has never been received and we feel you will
appreciate your attention being called to the matter so that this
filing may be approved and permit granted.

Sincerely yours,

Tessie L. Flynn
Secretary, Water Division

f

Standard Form No. 1034a—Rev.
Form approved by
Comptroller General, U. S.
July 26, 1938
(Amended August 15, 1941)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No.

Bu. Vou. No.

GENERAL ACCOUNTING
OFFICE PREAUDIT

Certified for payment in the
sum of \$.....

Comptroller General of the
United States

By

U. S. Dept. of the Interior, or National Park Service.

Voucher prepared at
Chicago, Illinois.

THE UNITED STATES, Dr.,

To
State Land Commissioner

Address
Capitol Annex, Phoenix, Arizona

Payee's Account No.

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	Articles or Services (Enter description, item number of contract or general supply schedule, and other information deemed necessary) Terms % Discount Cash days	Quantity	UNIT PRICE		AMOUNT	
				Cost	Per	Dollars	Cts.
Brought forward from continuation sheet(s)							
71 D. 9/9/47	9-12-47	For filing and recording water right permit under Application No. A-2823, as required by Chapter 75, Section 137, ACA., 1939, for the following beneficial uses:					
		For stockwatering at Grand Canyon National Monument	1			\$ 5	00
		For wildlife watering at Grand Canyon National Monument	1			5	00
Shipped from to Weight Government B/L No.				Total		\$10.	00
				(Payee must NOT use this space)			
Differences							
Account verified; correct for						10.	00
(Signature or initials)							
State Land Commissioner		Sec. Water Div. St.					
Tessie L. Flynn		Land Dept., of Arizona					
Contract No.		Date		Req. No.		Date	
						Invoice Rec'd	

MEMORANDUM

10.00

William P. Brooks,
Authorized Certifying Officer.

ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title				Limit'n or Proj't Amount	Appropriation Amount
14x1056	Water Rights, National Park Service				10.00	10.00
Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT		OBJECTIVE CLASSIFICATION	
			Symbol	Amount	Symbol	Amount
14x1056	10.00	10.00	Engr.	10.00	07	10.00
		71 D				

Paid by { Check No. dated 19...., for \$..... } on Treasurer of the United States in favor of
Cash, \$....., on 19...., Payee..... } payee named above.
(Sign original only)

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be. If the ability to verify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the blank space below. Approved for \$..... and over his official title.

10-22900a-1

Per
Title

METHOD OF OR ABSENCE OF ADVERTISING

(Section 5709 of the Revised Statutes)

1. After advertising in newspapers.
2. (a) After advertising by circular letters sent to _____ dealers.
 (b) And by notices posted in public places.
 (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made. The notation on the certificate on the face of the voucher must be "2(a)(b)" or "2(a)", depending on whether or not notices were posted.)
3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising. **OPEN MARKET NOT OVER \$100 (54 STAT. 1109)**
4. Without advertising in accordance with _____
5. Without advertising, it being impracticable to secure competition because of _____

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, Supplement No. 6, General Accounting Office, Aug. 20, 1930.)

U.S. GOVERNMENT PRINTING OFFICE: 1946 O-88924

16-22900-1



ENCLOSED CHECK IS IN
PAYMENT OF:

UNITED STATES
DEPARTMENT OF THE INTERIOR
National Park Service
Chicago 54, Illinois

NOTICE TO BE SENT WITH CHECK

YOUR ACCOUNT NO.....71 b...
PURCHASE ORDER NO.....
CONTRACT NO.....
\$ 10.00

\$ HAS BEEN
DEDUCTED ON ACCOUNT
OF.....
.....
.....

State Land Commissioner,
Capitol Annex, Phoenix, Arizona

D. O. Please leave copy of
voucher attached.

METHOD OF PURCHASE: FORM APPROVED
Budget Bureau No. 48-R101
Indicate Method by Number:

1. General Schedule of Supplies.
2. Treasury Procurement Stock.
3. Surplus Property Transfer.
4. Advertising (R. S. §3709).
5. War Powers Negotiation.
6. Other Exemption from R. S. §3709.
7. Miscellaneous.

(See Treasury Procurement Circular
Letter No. 722)

PURCHASE ORDER

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Director's Office.

This number must appear on
all PACKAGES and PAPERS
relating to this order.

Order No.:

71 D.

Date:

September 9, 1947.

Requisition No.:

Appropriation symbol and title:

Allotment: 101.9.
Development Division.

14X1056, Water Rights, National Park Service.

ADDRESS ALL CORRESPONDENCE AND SUBMIT INVOICES TO "POINT OF ISSUE" SHOWN ABOVE.

To:
S
E
L
E
R

State Land Commissioner,
Phoenix, Arizona.

Consignee and destination:

National Park Service,
Development Division (Mr. Dunn),
Room 11-123 Merchandise Mart,
Chicago 54, Illinois.

Invitation No.:

Contract No.:
O.M.

Time for delivery:

Discount terms:

F. O. B. point:

Ship via:

Gov't B/L No.:

ITEM No.	ARTICLES OR SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1.	For filing and recording water right permit under Application No. A-2823, as required by Chapter 75, Section 137, of A of Arizona Code, Annotated, 1939:				
	For stock watering at Grand Canyon National Monument.	1	each	\$5.00	\$5.00.
	For wildlife watering at Grand Canyon National Monument.	1	each	\$5.00	5.00
Please bill this Office in triplicate on the attached voucher forms which should be completed as to payee's name, address, account number discount offered, and signed as indicated.					
RECEIVED SEP 12 1947 WATER DIVISION State Land Department					

Please sign and return immediately the attached acknowledgment copy of this order.

Please supply promptly the above articles or service.

TOTAL \$10.00.

INVOICING INSTRUCTIONS:

Prepare in duplicate, itemizing fully, on either your own invoice forms, or the Public Voucher for Purchases and Services Other Than Personal if enclosed herewith, referring thereon to the number of this Purchase Order and mail to the above "Point of Issue." The certificate shown on the reverse hereof must appear on all copies of your invoice and be signed in original only of either the invoice or the public voucher before payment can be made, with the name of the firm and the signer's full name and title. You are advised that Law Nos. 10-131 and 10-132 apply under this purchase and your signing the certificate certifies that you have complied therewith. Certificates typed, stamped, or otherwise prepared on separate sheets and attached to the invoice or voucher will not be acceptable.

Signature:

Name:

Title: Procurement Officer.

Purchasing officer.

10-131
(May 1944)

ORIGINAL

(1)

CERTIFICATE

"I certify that the above bill is correct and just; that payment therefor has not been received; that all statutory requirements as to American production and labor standards, and all conditions of purchase-applicable to the transactions have been complied with; and that State or local sales taxes are not included in the amounts billed."

LAWS

No. 1.—American Materials required for public use: Act of March 3, 1933, 47 Stat. 1520; 41 U. S. C. 10.

No. 2.—Eight-Hour Day—Laborers and Mechanics—U. S. Contracts: Act of June 19, 1912, 37 Stat. 137; 40 U. S. C. 324. *Amendment*: Act of September 9, 1940, 54 Stat. 872, 884.

No. 3.—Prevailing Wages—Laborers and Mechanics: "Davis-Bacon Act" of March 3, 1931, 46 Stat. 1444; 40 U. S. C. 276 *a*. *Amendment*: Act of August 30, 1935, 49 Stat. 1011, 1013.

No. 4.—Wage Refunds—"Kick-Back Law": Act of June 13, 1934, 48 Stat. 948; 40 U. S. C. 276 *b*.

No. 5.—"Walsh-Healey Act": Act of June 30, 1936, 49 Stat. 2036; 41 U. S. C. 35.

No. 6.—Public Works—Emergency Construction (N. I. R. A.) 30-hour week; minimum wages; etc.: Act of June 16, 1935, 46 Stat. 211; 40 U. S. C. 406.

No. 7.—Bonds—Performance and Payment—"Miller Act": Act of August 24, 1935, 49 Stat. 793; 40 U. S. C. 270 *a*.

No. 8.—Convict Labor: Prohibited on Federal contracts by Executive order of May 18, 1905.

No. 9.—Ceiling Prices: The vendor guarantees that the price to be charged on any articles herein is not in excess of the ceiling price established by the Office of Price Administration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CHICAGO, ILLINOIS

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

54

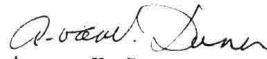
September 10, 1947.

Water Division,
State Land Department,
Phoenix, Arizona.

Gentlemen:

The attached purchase order and voucher are sent in compliance with the letter of September 4 from Mrs. Flynn, with regard to the perfection of rights to the use of waters of Upper Saddlehorse Springs under Application No. A-2823 at Grand Canyon National Monument. The purchase order is merely to obligate the funds in this Office and may be retained. The voucher should be signed and returned to this Office for payment.

Sincerely yours,



A. van V. Dunn,
Chief, Water Division.

Enclosure 849.



Water Division

4 September, 1947

The Director
National Park Service
Merchandise Mart
Chicago 54, Illinois

Re: Application No. A-2823
Lower Saddlehorse Springs
United States of America,
Department of Interior,
National Park Service

Dear Sir:

This is to notify you that the State Land Commissioner
is ready to approve the above designated application
and grant permit in the case upon receipt of the recording
fees for permit as follows:

For Stockwatering.....	\$5.00
For Wildlife.....	5.00
Total	<u>\$10.00</u>

Sincerely yours,

Tessie L. Flynn
Secretary, Water Division

f

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GRAND CANYON NATIONAL PARK
GRAND CANYON, ARIZONA

RECEIVED
MAY 1 1947
STATE LAND DEPARTMENT
OF ARIZONA

April 22, 1947

Mr. O. C. Williams,
Commissioner,
State Land Department,
Phoenix, Arizona.

RECEIVED
MAY 1 1947
STATE LAND DEPARTMENT
OF ARIZONA

Dear Mr. Williams:

Reference is made to the completed Affidavit of Posting Notice of Application to Appropriate Water, No. A-2823, covering Lower Saddlehorse Springs located in Grand Canyon National Monument, Mohave County, Arizona, which was forwarded to your office, April 26.

It is requested that when the permit covering the above application is completed, it be mailed directly to

The Director,
National Park Service,
Merchandise Mart,
Chicago 54, Illinois.

Sincerely yours,

Lemuel A. Garrison
Lemuel A. Garrison,
Assistant Superintendent.

*9-4-47
Has not been got
Smith's desk?
144*

AFFIDAVIT OF POSTING NOTICE

IN THE MATTER of APPLICATION

STATE OF ARIZONA
County of Mohave } ss.

No. A-2823 BEFORE THE STATE
LAND COMMISSIONER OF ARIZONA.

John H. Riffey

....., being first duly sworn, deposes
and says that two copies of the notice of Application No. A-2823 before the State Land
Commissioner of Arizona for Permit to Appropriate Public Waters of the State of Arizona

a true copy of which is hereto attached, were posted either by himself or in his presence on the 25
March 47
day of, 19.....

Tussey Postoffice, Tussey, Arizona

That one of said notices was posted.....
Sec. 31, T. 34 N., R. 7 W, Mohave County, Arizona (Designate by and where posted as accurately as possible)

Saddlehorse Spring Development

and the other of said notices was posted.....
Sec. 28, T. 33 N., R. 7 W, Mohave County, Arizona (Designate by and where posted as accurately as possible)

That each of said notices thus posted occupied a conspicuous place in the locality to be affected by
the proposed appropriation of water, and remained so posted from the date of posting to the 26
April 47
day of, 19.....

Subscribed and sworn to before me this 26 day of April 1947

My commission expires May 20-1948

Notary Public.



Benny

State Water Commissioner,
Phoenix, Arizona.

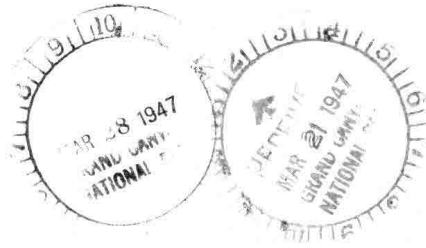
Re: App. No. A-2823
Lower Saddle Horse Sps.

Dear Sir:

This is to advise you that two notices of the above designated application were posted in conspicuous places where they can be readily observed and read by residents of the locality affected by the proposed appropriation of water on the 25 day of March, 1947.

Very truly yours,

John T. Riffey



Water Division

25 March 1947

Mr. A. van V. Dunn
Chief, Water Division
National Park Service
Chicago 54, Illinois

Re: Application No. A-2823
Lower Saddlehorse Springs

Dear Sir:

Reference is made to your letter of March 19 in which you express concern regarding the 10 day limit of time within which posting of notices should be made.

In most cases in the State of Arizona this 10 day limit is sufficient. Where notices must be sent out of the state as in this case, the 10 day limit may be extended for a few days giving sufficient time for the routing of the letters. However, as long as due diligence is used a few days in excess of this limit would be of no concern to us, so long as the affidavit of posting shows the actual dates between which such notice was posted.

Very truly yours,

C. H. W. SMITH
ENGINEER, WATER DIVISION

CHWS:

State Water Commissioner,
Phoenix, Arizona.

Re: App. No. A-2823
Lower Saddle Horse Sps.

Dear Sir:

This is to advise you that two notices of the above designated application were posted in conspicuous places where they can be readily observed and read by residents of the locality affected by the proposed appropriation of water on the 25 day of March, 1947.

Very truly yours,

John H. O'Rourke
Park Ranger.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CHICAGO, ILLINOIS

RECEIVED
MAR 24 1947
STATE LAND DEPT.
OF ARIZONA

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

54

March 19, 1947.

Mr. O. C. Williams,
State Land Commissioner,
Phoenix, Arizona.

My dear Mr. Williams:

This will acknowledge receipt of the Notice of Application No. A-2823 to Appropriate the Waters of Lower Saddlehorse Springs in Grand Canyon National Monument. The two copies of the notice have been forwarded to Superintendent H. C. Bryant, Grand Canyon National Park, under whom the Monument is administered, by airmail for posting.

This posting procedure, with 10-day limit, has been adopted since we initiated most of our water claims in Arizona. Our present system of handling water rights through the Director's Office does not seem to lend itself to the extremely short time allowed for such posting. The situation may have been aggravated by the fact that mail sent to Chicago from Phoenix on Wednesday, as was the case with these notices, will reach its destination during the week-end. In addition, even with airmail to the Superintendent, who is in Grand Canyon National Park, forwarding of the notices may delay posting in the adjacent Monument until the first of next week.

In the future, we can arrange to have notices sent directly to the National Park or Monument involved. Meantime, however, we wonder if the 10-day limit can be extended a few days beyond March 22, if necessary.

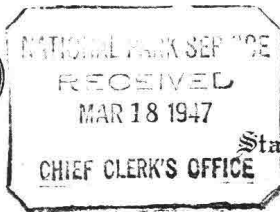
The affidavit of posting will be sent to you directly by the Superintendent, when due. If there is any further action which needs immediate action, please communicate with him directly and send us a copy. However, when the permit is issued, and in cases where time is not the essence, please send the communications to this Office.

Sincerely yours,

A. van V. Dunn

A. van V. Dunn,
Chief, Water Division.





OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona
12 March 1947

O. C. WILLIAMS	
STATE LAND COMMISSIONER	
WATER DIVISION	
<i>Clifford P. Williams</i>	
<i>Smith</i>	

Mr. Hillory A. Tolson, Acting Director
National Park Service
Merchandise Mart
Chicago 54, Illinois

Re: Application No. A-2823
Lower Saddlehorse Springs

Dear Sir:

There are enclosed herewith two copies of notice of the pendency of the above designated application, post card to be used for advising this department of the posting of notices, and an affidavit of posting and continuous posting of notices, with copy of notice attached.

The two notices must be posted within ten (10) days from the date of issuance appearing at the bottom thereof and remain so posted until the expiration of thirty (30) days from such date of issuance. In no event should the notices be posted in inconspicuous places, and they must remain continuously posted from the date of posting until the expiration of the posting period. It is suggested that one notice be posted at, or near, the post office where those who reside in the locality of the proposed appropriation receive mail.

The post card advising this department of posting the notices must be filled out and mailed the day the notices are posted.

The affidavit of posting, with copy of notice attached, must be filled out, signed and sworn to before some officer qualified to administer oaths in the State of Arizona **at the conclusion of the notice period** and then immediately mailed to the Water Division, State Land Department, Phoenix, Arizona.

Prompt attention to posting the notices and returning the affidavit of posting at the end of the period of notice will facilitate the approval of the application.

Very truly yours,

O. C. WILLIAMS
STATE LAND COMMISSIONER

M #2

WATER DIVISION
STATE LAND DEPARTMENT
PHOENIX, ARIZONA

NOTICE OF APPLICATION TO APPROPRIATE WATER

RECEIVED
APR 29 1947
WATER DIVISION
State Land Department

Application No. A-2823

Notice is hereby given that on the 25 day of February, 1947
The United States of America, Department of the Interior, National Park Service
filed Application No. A-2823, with the State Land Commissioner of Arizona, for permit to
Appropriate Public Waters of the State of Arizona

Description of Project

Source of water supply Lower Saddlehorn Springs, tributary of Colorado River
Amount applied for 195,000 gallons per annum
Proposed use of water Stock and wildlife watering
Point of diversion within NW 1/4 Sec. 28, T. 33 N., R. 7 W., G. 5 E. M., Uninc., Mohave Co., Arizona
Place of using water NW 1/4 Sec. 28, & NE 1/4 Sec. 29, T. 33 N., R. 7 W., G. 5 E. M., Mohave Co., Arizona.
Remarks:

Protest

Any person desiring to protest against the granting of such permit shall within 30 days from the date of issuance of this notice file with the Water Division, State Land Department, at Phoenix, Arizona, a signed statement in duplicate clearly setting forth the protestant's objections to the approval of the application, which statement shall contain the following information:

- (1) Statement of the injury which would result to protestant from such appropriation and use.
- (2) The basis of protestant's water right, and date of initiation of the right.
- (3) Protestant's past and present use of water both as to amount used and land irrigated, or use made of water, if other than irrigation.
- (4) A description of the protestant's land or place of use, and the point of diversion of the water.
- (5) There may also be filed with such statement such maps and data as the protestant may care to submit in support of his protest.

Issued at Phoenix, Arizona

12 March, 1947

O. C. WILLIAMS
State Land Commissioner.

Application No. 2823Receipt **Nº 1965****Department of the State Water Commissioner**Phoenix, Arizona, Feb 25 1947Received from U.S. Nat. Bank, Address Chicago, Ill.
(Applicant's Name)payment being made by U.S. Nat. Bank, Address Chicago, Ill.
(Applicant's Agent)the sum of Three & 00/100 Dollars in payment of fee in connection with the above designated application as follows:

Examination	\$ <u>3.00</u>	Certifying	\$
Filing and Recording	\$	Blue Prints	\$
Misc. Recording	\$	C. W. R.—Recorder	\$
Copying	\$		\$

Cash	
✓ Check	<u>2.32 4623800</u>
M. O.	<u>000</u>
Amount Rec'd	\$ <u>3.00</u>
Payment	\$
Change	\$

Remarks Refund of \$3.00 for 1st time

Municipal	\$	Stock watering	\$ <u>4</u>	STATE WATER COMMISSIONER
Domestic	\$	Mining	\$	
Irrigation	\$	Power	\$	By <u>Legislative</u>

Midlife - Dr. Canyon N.M.

6. **Conduit System.** (a) Canal, ditch, flume: Width on top (at water line).....feet; width at bottom.....feet; depth of water.....feet; length.....feet; grade.....feet per 1,000 feet; materials of construction.....
(Cross out two not used)
(b) Pipe line: Diameter.....1.....inches; length.....300.....feet; grade.....feet per 1,000 pump lift
feet; total ~~ft~~ from intake to outlet 60 feet; kind galvanized iron.
(Riveted steel, cement, wood stave, etc.)

NOTE--If different sizes or kinds of conduit are to be used, attach extra sheets with complete description, also show location of each clearly on map.

7. **Distributing Works.** 1 Tank Galvanized Material iron Capacity 1,000 gallons.
(No.) (Tanks or Troughs) (State dimensions)
1 trough--galvanized iron--capacity 200 gallons.
and capacity of each)

8. **Cost and Construction Schedule.** The estimated cost of the proposed project is \$300.
It is proposed to begin construction within.....constructed.....after the approval of this application, to complete construction within.....constructed.....thereafter and to completely apply the water to the proposed use within.....now being used.....after the beginning of construction.
(Not over 1 year) (Not more than 5 years) (State time in months or years)

DESCRIPTION OF PROPOSED USE

9. **Domestic Use.** Domestic use is proposed as follows:.....
(Describe nature of use which may include the irrigation of gardens not exceeding one-half acre, stating number of persons and number of domestic stock to be served, etc.)

10. **Municipal Use.** To supply the city of.....
having a present population of....., and an estimated population of.....in 19.....

11. **Irrigation Use.** (a) The land to be irrigated has an area of.....acres; is located in.....County, Arizona, and is particularly described by legal subdivisions as follows:

(Describe the subdivisions of the township or section the entire area of which it is proposed to irrigate, by the largest possible legal subdivisions, in the table below, inserting the area in the acreage column. In cases of irregular shaped parcels use a separate line to describe each 40 acre subdivision in which they occur and insert only the area of such subdivision to be irrigated in the acreage column.)

Tp.	Range	Sec.	SUBDIVISIONS	Number Acres To Be Irrigated

(If more space is required, attach separate sheet)

(b) What is the character of the soil?.....
(c) What quantity of water is necessary to raise proposed crops?.....
(Acre feet per acre per annum)
(d) Land to be irrigated is own by.....
(Name of owner) (If applicant is lessee, etc., so state)
(e) The irrigation season will begin about.....and end about.....
(Beginning date each season) (Closing date each season)
(f) Has the land to be irrigated any water right or source of water supply other than that herein applied for?.....Describe the nature and amount of any additional supply.....

12. **Stock Watering Use.** (a) What kin of stock is it proposed to serve? Horses, mules, cattle, and wildlife.

(b) What is the average number of stock it is proposed to serve? 40

(c) What is the maximum number of stock it is proposed to serve? 50

(d) The use of water will begin about Jan. 1.....and end about Dec. 31.....
(Beginning date each season) (Closing date each season)

//
(DO NOT WRITE IN THIS SPACE)

13. **Power Use.** (a) The maximum amount of water to be used through the penstock is.....
cubic feet per second.

(b) Total amount of power to be developed.....theoretical horsepower.
(Second feet X fall $\div$ 8.8)

(c) Total fall to be utilized.....feet.
(Pressure head)

(d) The nature of the works by means of which the power is to be developed.....
(Turbine, Pelton wheel, hydraulic ram, etc.)

(e) The works to be located, and the water to be released, in.....of Sec.....
(40-acre subdivision)

T....., R....., G. & S. R. B. & M.
(No. N. or S.) (No. E. or W.)

(f) Is water to be returned to any stream?.....If so, name stream and describe location of
(Yes or No)

point where returned. in the....., Sec....., T.....
(Name of stream) (40-acre subdivision) (No. N. or S.)

R....., G. & S. R. B. & M.
(No. E. or W.)

(b) The use to which the power is to be applied is
(For distribution and sale or private use, etc.)

(Give general description of locality where power will be used)

14. **Mining Use.** The mines to be served are.....known
(placer gold, lode gold, copper, etc.)

as the
(Names of claims or name of group)

located in....., Sec....., T....., R....., G. & S. R. B. & M.
(40-acre subdivision) (No. N. or S.) (No. E. or W.)

and owned by.....

The method of utilizing the water is.....

Will the water be polluted by chemicals or otherwise?.....
(Explain nature of pollution, if any)

What disposition is made of water after use?.....
(State if stored for reuse. If returned to a stream give name of stream and description of 40-acre tract to which returned)

GENERAL

15. Are the maps required by the Rules and Regulations filed with Application?.....**Yes.** If not,
(Yes or No)

state specifically the time required for filing same.....**United States, in Grand Canyon National Monument.**

16. The proposed point of diversion is on land of.....**Monument.**
(Insert name of owner, or state on Public Domain, National Forest, State Land, etc.)

17. The proposed conduit system is on land of.....**United States, in Grand Canyon National Monument.**
(Insert name of owner, or state on Public Domain, National Forest, State Land, etc.)

18. The land at the proposed place of use is owned by.....**United States.**

19. Post office used by those living near the proposed point of diversion is.....**Tweep, Arizona.**

20. Of the applicant's knowledge, has the water described herein ever been appropriated, claimed or used by others?.....**No.** If so, file a statement herewith furnishing names of former appropriators or users of the water, and supporting applicant's claim that the water is now subject to appropriation.

21. If the source of supply is a stream, state names and addresses of three water users from the stream below the proposed point of diversion; or, if there are no water users from stream below the proposed point of diversion, or if the source of supply is other than a stream, furnish the names and addresses of at least three residents of the vicinity familiar with the source of supply and the proposed use of water.

Walter A. Kent, John H. Schmutz, and A. W. Craig, all of Tweep, Arizona.

Note: This installation is to bring water from inaccessible springs to adjacent stock trails.

United States of America,
Dept. of the Interior, National Park Service.
By (Sgd).....**Hillery A. Tolson**.....
Acting Director, National Park Service.

c-4

ORDER OF CORRECTION

STATE OF ARIZONA, }
 County of Maricopa. } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion, as follows:

In order to retain its priority, this application must be corrected, completed and refiled in the office of the State Land Commissioner on or before....., 19.....

WITNESS my hand and seal of office this.....day of....., 19.....

Corrected application refiled

State Land Commissioner

Application No. A-2823

RECORDED
 COMPARED

Permit No. A-1987

PERMIT

STATE OF ARIZONA, }
 County of Maricopa. } ss.

This is to certify that I have examined the forgoing application and do hereby approve the same, and grant to the applicant a permit to appropriate the water described therein subject to the following limitations and conditions:

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and shall not exceed One Hundred Ninety-five Thousand (195,000) gallons
per annum.

February 25, 1947.

The priority of date under this permit is.....

Actual construction work ~~substantially completed~~ has been completed. ~~XXXXXX~~
~~be proposed with reasonable diligence and be completed on or before~~

Complete application of the water to the proposed use ~~substantially completed~~ has been made.

WITNESS my hand and seal of office this 24th day of February, 19 48.

(SEAL)



(Sgd) O. C. Williams

State Land Commissioner

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CHICAGO, ILLINOIS 54

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

January 24, 1947.

Mr. O. C. Williams,
Commissioner,
State Land Department,
Phoenix, Arizona.

My dear Mr. Williams:

We enclose an application for the appropriation of the waters of Lower Saddlehorse Springs, tributary to the Colorado River in Grand Canyon National Monument, together with the tracing and one print of drawing No. RM-SC-6980, Lower Saddlehorse Springs Diversion for Trailside Stock Watering.

A purchase order and voucher are also enclosed to cover the \$3.00 charged for examination of the application, under Section 75-137 of the Arizona Code. Please sign the voucher at the point indicated by pencilled cross and return to this Office for payment.

Sincerely yours,

(SGD.) A. VAN V. DUNN

A. van V. Dunn,
Chief, Water Division.

AvVD:sh.

Enclosure 500.

cc: Regional Director, Region Three (2).



METHOD OF PURCHASE: FORM APPROVED Budget Bureau No. 48-R101 Indicate Method by Number: 1. General Schedule of Supplies. 2. Treasury Procurement Stock. 3. Surplus Property Transfer. 4. Advertising (R. S. §3709). 5. War Powers Negotiation. 6. Other Exemption from R. S. §3709. 7. Miscellaneous. (See Treasury Procurement Circular Letter No. 722)	PURCHASE ORDER UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE Director's Office	This number must appear on all PACKAGES and PAPERS relating to this order. Order No.: 217-D Date: 1/22/47			
Requisition No.: Branch of Development, Allotment: Water Division	Point of issue: Merchandise Mart Chicago 54, Illinois				
Appropriation symbol and title: 142/71056 Water Rights, Department of the Interior 1942-1947 National Park Service.					
ADDRESS ALL CORRESPONDENCE AND SUBMIT INVOICES TO "POINT OF ISSUE" SHOWN ABOVE.					
To: S E L L E R	State Land Commissioner Phoenix, Arizona.	Consignee and destination: S National Park Service H Branch of Development (Water Division) I Room 11-123 Merchandise Mart P Chicago 54, Illinois T O			
Invitation No.: F. O. B. point:	Contract No.: Open Market Ship via:	Time for delivery: As soon as possible Gov't B/L No.:			
Destination					
ITEM No.	ARTICLES OR SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1.	Fee for examination of application for the appropriation of waters of Lower Saddlehorse Spring at Grand Canyon National Monument by the United States as required under Chapter 75, Sec. 137, of Arizona Code, Annotated, 1939 <i>Voucher under Order 217-D 1/22/47 signed + returned 1/28/47</i>				\$3.00
INSTRUCTIONS: For prompt payment, kindly bill this Office in triplicate on the attached voucher forms which should be completed as to payee's name, address, account number, discount offered, and signed as indicated.					
Please sign and return immediately the attached acknowledgment copy of this order. INVOICING INSTRUCTIONS: Prepare in duplicate, itemizing fully, on either your own invoice forms, or the Public Voucher for Purchases and Services Other Than Personal if enclosed herewith, referring thereon to the number of this Purchase Order and mail to the above "Point of Issue." The certificate shown on the reverse hereof must appear on all copies of your invoice and be signed in original only of either the invoice or the public voucher before payment can be made, with the name of the firm and the signer's full name and title. You are advised that Law Nos. _____ on the reverse hereof apply under this purchase and your signing the certificate certifies that you have complied therewith. Certificates typed, stamped, or otherwise prepared on separate sheets and attached to the invoice or voucher will not be acceptable.			Please supply promptly the above articles or service. TOTAL \$3.00		
Signature: <i>I. J. Castro</i> Name I. J. Castro Title Chief Clerk Purchasing officer.			10-131 (May 1944) ORIGINAL (1)		

CERTIFICATE

"I certify that the above bill is correct and just; that payment therefor has not been received; that all statutory requirements as to American production and labor standards, and all conditions of purchase applicable to the transactions have been complied with; and that State or local sales taxes are not included in the amounts billed."

LAWS

No. 1.—American Materials required for public use: Act of March 3, 1933, 47 Stat. 1520; 41 U. S. C. 10.

No. 2.—Eight-Hour Day—Laborers and Mechanics—U. S. Contracts: Act of June 19, 1912, 37 Stat. 137; 40 U. S. C. 324. *Amendment*: Act of September 9, 1940, 54 Stat. 872, 884.

No. 3.—Prevailing Wages—Laborers and Mechanics: "Davis-Bacon Act" of March 3, 1931, 46 Stat. 1444; 40 U. S. C. 276 *a*. *Amendment*: Act of August 30, 1935, 49 Stat. 1011, 1013.

No. 4.—Wage Refunds—"Kick-Back Law": Act of June 13, 1934, 48 Stat. 948; 40 U. S. C. 276 *b*.

No. 5.—"Walsh-Healey Act": Act of June 30, 1936, 49 Stat. 2036; 41 U. S. C. 35.

No. 6.—Public Works—Emergency Construction (N. I. R. A.) 30-hour week; minimum wages; etc.: Act of June 16, 1935, 46 Stat. 211; 40 U. S. C. 406.

No. 7.—Bonds—Performance and Payment—"Miller Act": Act of August 24, 1935, 49 Stat. 793; 40 U. S. C. 270 *a*.

No. 8.—Convict Labor: Prohibited on Federal contracts by Executive order of May 18, 1905.

No. 9.—Ceiling Prices: The vendor guarantees that the price to be charged on any articles herein is not in excess of the ceiling price established by the Office of Price Administration.

U. S. GOVERNMENT PRINTING OFFICE 16-39986-1

ORIGINAL

C. D. No. 32482-17

NM #
2SPECIAL WARRANTY DEED

THIS DEED, made this 31st day of December, 1971, between UTAH PARKS COMPANY, a corporation of the State of Utah, Grantor, party of the first part, and UNITED STATES OF AMERICA, Grantee, party of the second part,

WITNESSETH, That

WHEREAS, the Grantee desires to acquire the land, water rights, springs and water wells, hereinafter described in connection with the development and operation of the National Parks of the United States of America; and

WHEREAS, the Grantor is willing to donate said land, water rights, springs and water wells to the Grantee;

NOW THEREFORE, in consideration of the premises, the Grantor does by these presents, DONATE, REMISE, RELEASE and CONVEY unto the Grantee and unto its successors and assigns all of its right, title and interest in and to the following described lot or parcel of land located outside of the boundaries of Zion, Bryce and Grand Canyon (North Rim) National Parks and Cedar Breaks National Monument, situate, lying and being in the County of Garfield and State of Utah, to wit:

The SE $\frac{1}{4}$ of the NW $\frac{1}{4}$, the W $\frac{1}{2}$ of the SW $\frac{1}{4}$ of the NE $\frac{1}{4}$, the west 3/4 of the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$, and the E $\frac{1}{2}$ of the E $\frac{1}{2}$ of the NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 34, Township 36 South, Range 4 West of the Salt Lake Base and Meridian, containing an area of 100 acres,

together with the Grantor's right, title and interest in and to water rights appurtenant to this property and also in and to the water rights, waters of all springs and water wells arising or located outside the boundaries of the aforementioned parks and monument, but used in conjunction with the Grantor's facilities located in said parks and monument, in Washington County, Utah, Garfield County, Utah, Coconino County, Arizona, and Iron County, Utah; and, also, together with the Grantor's right, title and interest in and to water rights and waters of all springs located within said parks and monument, including specifically the water rights from an unnamed spring located North 10° 54' West, 1,941 feet, from the Southwest corner of Section 11, Township 37 South, Range 9 West, S16M, Iron County, Utah; and with all and singular the buildings and improvements thereon, and all rights, hereditaments, easements and appurtenances and all and every rights, roads, alleys, ways, waters, watercourses, liberties,

privileges, hereditaments, appurtenances and advantages there-to belonging or in any way appertaining, including accretions opposite to and fronting upon said land, and any means of ingress or egress appurtenant thereto, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever of the said Grantor, either in law or equity, of, in and to the above bargained premises, with the hereditaments and appurtenances; and with all the right, title, and interest of the said Grantor in and to any streets, alleys, roads, strips, gores, waters, watercourses, or railroad rights-of-way or strips of land abutting, adjacent to, adjoining or contiguous to or traversing the land described and conveyed herein and any means of ingress or egress appurtenant thereto.

SUBJECT, however, to existing easements for public roads, public highways, public utilities, railroads and pipelines.

EXCEPTING from this conveyance and RESERVING unto the Grantor, its successors and assigns, forever, all minerals and all mineral rights of every kind and character now known to exist or hereafter discovered, including, without limiting the generality of the foregoing, oil and gas and rights thereto, together with the sole, exclusive and perpetual right to explore for, remove and dispose of, said minerals by any means or methods suitable to the Grantor, its successors and assigns, but without entering upon or using the surface of the lands hereby conveyed, and in such manner as not to damage the surface of said lands or to interfere with the use thereof by the Grantee, its successors or assigns, it being understood that Grantor, when and if it exercises the rights excepted and reserved under this conveyance, shall do nothing, and shall not cause or permit anything to be done, that will in anyway contaminate or deplete the water supply produced or developed on the above described portions of said Section 34.

THIS PROPERTY IS BEING ACQUIRED BY THE NATIONAL PARK SERVICE FOR THE UNITED STATES OF AMERICA.

TO HAVE AND TO HOLD, subject to the aforesaid exceptions, reservations, and other provisions, the said premises with all the rights and appurtenances thereunto belonging unto the said Grantee, its successors and assigns, forever; and the said Grantor hereby covenants with the said Grantee that it will warrant and defend the title to the said premises unto the said Grantee, its successors and assigns, forever, except as hereinbefore mentioned, against the lawful

claims of all persons claiming by, from or under it, but against none other.

IN WITNESS WHEREOF, said Utah Parks Company has caused these presents to be signed by its President and attested by its Assistant Secretary, and its corporate seal to be hereunto affixed as of the 31st day of December, 1971.

In Presence of:

UTAH PARKS COMPANY,

M. E. Thomas

By *J. C. Hunt* President

Attest:

F. J. Sullivan (Seal)
Assistant Secretary

130802

ENTRY NO. _____ RECORDED 1-16 1973 AT 9 AM

AT REQUEST OF Security Title Company

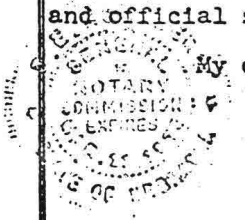
FEE \$5.00 *Lyle W. Miller* Deputy
RECORDER GARFIELD COUNTY, UTAH

STATE OF NEBRASKA }
COUNTY OF DOUGLAS } ss.

On this 31st day of December, 1971,
before me, a Notary Public in and for said County in the State
aforesaid, personally appeared J.C. KENESECK, to me personally
known, and to me personally known to be the President
of UTAH PARKS COMPANY, and to be the same person whose name
is subscribed to the foregoing instrument, and who, being by
me duly sworn, did say that he is President of Utah
Parks Company; that the seal affixed to said instrument is t
the corporate seal of said corporation; and that said instru-
ment was signed and sealed on behalf of said corporation by
authority of its board of directors; and the said J.C. KENESECK
acknowledged said instrument to be his free and
voluntary act and deed, and the free and voluntary act and
deed of said corporation, by it voluntarily executed, for the
uses specified therein.

IN WITNESS WHEREOF, I have hereunto set my hand
and official seal the day and year last above written.

My commission expires MARCH 11, 1975



R.E. Holmberg
Notary Public

Residing at OMAHA, NEBRASKA 68102

(Seal)

Form NPS-L-1

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICEState Arizona

LAND OWNERSHIP RECORD

Tract No. _____

County MohaveDeed No. 10

Civil Subdivision _____

Area _____ acres _____

Grand Canyon
National Monument

Name of Park or Area

Area based on Records of water
survey or resources branchDate April 1, 1948
Priority 2/25/47Lower
Saddlehorse Spring
Section of Park or AreaLegal Description: An appropriative right, under Application A-2823, Permit A-1987,
Certificate _____, to divert 195,000 gallons of the waters of Lower
Saddlehorse Spring for stock and wildlife watering in Grand Canyon
National Monument.Method of Acquisition: Appropriation Appropriation or Source of funds: water right.

Cost (if purchased) or estimated value: _____

Acquired from: State of Arizona.

Accepted by Secretary (____) Opinion of Att'y. Gen.-title in U. S. (____) date: _____

Physical Characteristics: Appropriation by pump line to reservoir and watering troughs
at trailside.

Improvements on Land at time of Acquisition: _____

Existing or outstanding special use permits, reservations, rights, or rights of way: None.Report Based on: Records of water Resources Branch.Prepared by: A. van V. Dunndate: 4/1/48Map References: NM-GC-6980 in deed assembly.

Remarks: _____

Other Supporting Information



IN REPLY REFER TO:

L54

United States Department of the Interior

NATIONAL PARK SERVICE
GRAND CANYON NATIONAL PARK
GRAND CANYON, ARIZONA 86023

RECEIVED	
Western Regional Office	
AUG 19 1976	
Regional Director	
Dep. Regional Dir.	
Exec. Assistant	
Admin. Assistant	
Operations	
Rec. Mgmt. Plan.	
Per. & Budget	
PRC	
Public Affairs	
Reg. & Approval	
Action Taken	

AUG 17 1976

Memorandum

To: Regional Director, Western Region
Attention: Bill Werrell

From: Superintendent, Grand Canyon

Subject: Water Resources at Toroweap Ranger Station

Follow-up to your telephone conversation with Bruce Shaw, we are pleased to provide the following information relative to the present water supply at Toroweap Ranger Station and campgrounds:

The dam to Toroweap Lake was constructed in 1934. It was subsequently washed out a few days after construction and has never been reconstructed. Therefore, there is no longer an actual lake above the washed out dam; there is, however, upon the occasion of rainfall, a small, shallow puddle formed behind the remains of the dam. This puddle is used only by wildlife as a watering hole.

Saddle Horse Spring on the west side of Saddle Horse Canyon is no longer a viable spring. A second spring at the upper end of the canyon has a flow of about 100 gallons per day. Neither spring has ever been used as a source of water for either of the two campgrounds in the area. Thus, there is no pipeline from either of the springs to one or both of the campgrounds. There is no water supplied at either of the campgrounds. Campers are required to pack their own water.

The source of water for the Toroweap Ranger Station is a catch system composed of metal sheeting. Rain and other forms of precipitation are caught, drained and stored in two cisterns. On only a few occasions has this system not provided an adequate water supply to the Toroweap Ranger Station. During such occasions, water was trucked to the site.

We hope this information proves helpful. If we can be of additional assistance, please contact us.

Bruce W. Shaw



Let's Clean Up America For Our 200th Birthday

Witucki

Kilgore

Director

L54 (WR) PSW

November 14, 1974

Draft reviewed:

CHIR/WR Docket File #1

Mackerman

GRCA NM/WR Docket File #2

Mihan

GRCA NF/WR Docket Files #3,

4, 5, 7 and 8

TONT/WR Docket File #s 1 & 2

Memorandum

To: Superintendent, Chiricahua
Superintendent, Grand Canyon
Superintendent, Tonto

From: ACTING
Regional Director, Western Region

Subject: Water Right Docket Material

Enclosed for your docket files and information are State of Arizona orders of cancellation for various applications for diversion of water sources in Chiricahua National Monument, Grand Canyon National Monument, Grand Canyon National Park and Tonto National Monument. As you recall, we had been given an extension of time as a result of our letter of September 14, 1973 to the State Land Department of Arizona in which we discussed the status of our water use and the comity nature of our filings. This extension of time has lapsed and the State has administratively cancelled the applications, copies enclosed. These applications, however, have not been active and would not qualify for license according to Arizona State Law, in any case. All of these diversions are within the Park and are protected under the Reservation Doctrine when they are used.

Since we are essentially only appropriating water on a regular basis from Roaring Springs, any action taken on our part to acquire a State License on Roaring Springs might be construed by the State as an implied waiver (or abandonment) of our rights on the other points of diversion. The best course of action in this case is to allow the State to administer this unilateral action while we maintain our position of comity.

(SGD) JOHN H. DAVIS

Enclosures

cc:
WASO, Water Resources, w/encs (Mr. Berte')
Field Solicitor, San Francisco Office, w/o encs
General Superintendent, SOAR

*Reg. Mon. File
(I have put copy in
Ariz. vs. Calif.)*

LSA-1

*WKC
@*

July 8, 1957

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Ranger Station Water System, and Saddle Horse Spring Water System, for Arizona vs. California, Grand Canyon National Monument

Drawing NM-CC-8537, which was submitted with Mr. Kell's memorandum of January 28, seems to be ample for the subject case, if I read the note in upper left corner correctly. The flow of Saddle Horse Spring has been decreasing, but 50 head of stock should use between 500 and 600 gallons per day. The low flow in 1956 need not be considered. Also, whenever the ranger finds he can measure the flow at about 1.45 gallons per minute, and knows that there are about 50 head of stock using it, he should report the conditions, and we can make proof for final certificate.

Drawing 8107 does not supply the complete description of the Ranger Station Water System without Drawings 4992 and 4993, to which it refers. None of the three drawings are available in the Washington Office. It is suggested that prints of all three be sent to the Division of Design and Construction.

For Arizona vs. California, and also for a water right application, we should know the depth of the 9'6" X 22'3" reservoir, and the material of which it and the 51' X 80' catchment are constructed. Since the reservoir holds about 1,580 gallons per foot of depth, it would also be desirable to know how many times a year it is filled, and the man-days per year of water use. It appears that in 1955 there were 222 campers who would have used about 3,330 gallons; and 359 picnickers who would have used about 3,590, and I do not at the moment find any record of ranger occupancy.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Grand Canyon NM
Chief, WERC
Mr. P. Miller
Mr. Dunn (2) - Monument and Arizona vs. California

AvVDunn:let

LS4-L

WRC
Dunn

March 5, 1956

Memorandum

To: Superintendent, Grand Canyon
From: Chief, Water Resources Section
Subject: Water Right Application A-2823, Permit A-1967, Docket 2,
Saddlehorse Springs, Grand Canyon National Monument

The original letter of February 21 from the Engineer, Surface Water Division Arizona State Land Department, is attached for filing in your assembly of the subject Docket 2, to indicate that he has granted a 5-year extension of time in which to complete beneficial use of the water. A copy of the letter is being sent to the Regional Director, and a docket assembly with the map, application-permit, the notices of beginning and completion of construction, letter of July 1 1948 to me from Mr. Smith, and a copy of the letter of February 21 from Mr. Smith.

All offices have already been supplied with copies of the letter of February 9 from Mr. Smith, and our letter requesting the extension of time, with our memorandum to the Regional Director of February 17. Presumably, you and the Regional Director have filed our letter requesting the extension in the docket, and the copy of letter of February 9 with our memorandum in the letter file. Since Mr. Smith has granted the extension of 5 years from "this date" (February 21, 1956), I believe that all docket assemblies should have:

1. The letter of February 9 from Mr. Smith.
2. Our letter of February 17 to Mr. Smith.
3. The letter of February 21 granting the extension.

S I M N E L

A. van V. Dunn
Chief, Water Resources Section

Attachment

Copy to: Regional Director, Region Three, with attachment
WRC; with docket attachment
Mr. Dunn

AvVDunn:let

L54-1

WRG
C

February 17, 1956

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Extension of Time, Application A-2823, Docket 2, Lower Saddle Horse Spring, Grand Canyon National Monument

With copies of this memorandum, we are distributing copies of letter of February from the Engineer, Surface Water Division, Arizona State Land Department, and our resulting request for extension of time in which to make full use of water. The request for extension of time should be filed in the docket assembly.

It is doubtful if very much water is being used by the public, but the water is claimed for saddle and pack stock, and wild-life, and part may be used by cattle. It will help materially if we can obtain an estimate of past annual use, and periodic revisions at one, two, or three year intervals. It should be possible to obtain annual records of the concessioner's trail parties and most visits by NPS personnel, giving number of people and pack and saddle stock, and days and hours of stop or encampment. It may be more difficult to estimate the types and numbers of wildlife, and cattle using the facilities. However, some figures should be compiled in order that we can evaluate the extent of annual water use. Instead of digging into questionable old records, it will be satisfactory to compile the data for the 1956 calendar year.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Grand Canyon, with two attachments
WDC, with two attachments
Mr. Dunn

AvVDunn:lct

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

~~XXXXXXXXXXXX~~
CHICAGO, ILLINOIS
Washington 25, D. C.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

July 8, 1948.

MEMORANDUM for the Regional Director, Region Three.

The enclosed copy of a letter of July 1 from C. M. W. Smith, Engineer, Water Division, State Land Department of Arizona, in duplicate, should be filed in the assemblies of Grand Canyon National Monument Deed 10 in lieu of an extension of time.

In reporting the Lower Saddlehorse Spring Water System as complete, and water being used, the State Land Commissioner assumed that the full quantity of water was being used. It appeared to me that final proof was due, and that the opportunity to obtain extensions of time may have been lost by the Commissioner's action. This letter is, therefore, both a waiver of the periodic procedure of obtaining extensions, and a grant of an indefinite extension.

(SGD.) A. VAN V. DUNN

Chief, Water Resources Branch.

AvVD:sh.

Enclosure 397.
In duplicate.



UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
~~WASHINGTON, D. C.~~
CHICAGO, ILLINOIS
Washington 25, D. C.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

June 15, 1948.

MEMORANDUM for the Regional Director, Region Three.

Further reference is made to the memorandum of April 20 from Dr. Bryant, and my comment of May 10, concerning the proof of use of the waters of Lower Saddlehorse Springs at Grand Canyon National Monument.

The total amount of water pumped was 6,000 gallons in 92 days between June 1 and September 1, or an average of 65.2 gallons per day. However, if the 1,000-gallon tank were filled twice in about 5 days, at the peak of the season, the peak rate of use would have been 200 gallons per day. We could claim use at the authorized rate if it became necessary to fill the tank at about 2-day intervals.

On this basis, it will be helpful if we can be advised of the two dates with the least intervening time, when water is pumped this summer, the amount of water needed to fill the tank on the second date, and the number of stock and wildlife using the water in the interval.

The same type of information should be obtained in connection with the water use at Phantom Ranch and at the North Rim of Grand Canyon National Park. In each of these cases, the need for the full quantity of water is not too evident because of the small amount of irrigation. However, if the authorized rate of pumping is reached, and there is no evidence of deliberate waste of water, it may be possible to find other ways to justify the use and obtain the final water right licenses.

(SDD.) A. VAN V. DUNN

AvVD:sh.

Chief, Water Resources Branch.

In duplicate.



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

~~CHICAGO, ILLINOIS~~
Washington 25, D. C.

May 10, 1948.

MEMORANDUM for the Regional Director, Region Three.

The data in the memorandum of April 20 from Dr. Bryant, showing that only 6,000 gallons of water were pumped from Lower Saddle Horse Spring in Grand Canyon National Monument during 1947, indicates that only a small part of the authorized 195,000 gallons per annum was diverted during the year. The information also indicates that 6 horses did not make continuous use of the water throughout the year.

Therefore, we are not in a position to make proof for final license. We shall obtain an extension of time if that becomes necessary.

(SGD.) A. VAN V. DUMIN

AvVD:sh.

Chief, Water Resources Branch.

In duplicate.



C O P Y

GRAND CANYON NATIONAL PARK
GRAND CANYON, ARIZONA

April 20, 1948

MEMORANDUM for the Regional Director, Region Three.

The following information is submitted in answer to Mr. A. Van V. Dunn's memorandum of April 2, concerning Deed 10 of Grand Canyon National Monument covering the appropriation of water under Application A-2523, Permit A-1987.

1. The maximum number of stock watered at the trough to date has been six head. Period - June 1 to September 1.
2. For the calendar year 1947, six head of horses and mules were watered during the period June 1 to September 1.
3. Wildlife using the trough consists of from 2 to 6 deer, approximately 100 quail, and many non-game birds, from June 1 to September 1.
4. Water pumped during the calendar year 1947 was approximately 6,000 gallons.

No cattle have been watered at the trough to date.

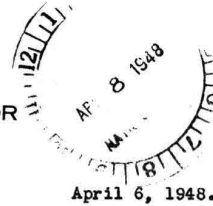
(Sgd) H. C. Bryant.

H. C. Bryant,
Superintendent.

CC: GCNM

☒	Asst. Supt.
☒	Chief Ranger
☐	Engineer
☐	Naturalist
☐	Recreation
☐	Sanitation
☐	Seasonal Asst.
☐	South Rim

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Region Three
Santa Fe, New Mexico



April 6, 1948.

MEMORANDUM for the Superintendent, Grand Canyon.

Enclosed are copy of Mr. A. Van V. Dunn's memorandum of April 2 and one assembly of Grand Canyon National Monument Deed 10, covering the appropriation of water under Application A-2823, Permit A-1987. Please furnish Mr. Dunn, through this office, as accurately as possible, the information requested by his memorandum.

J. R. Lassiter
J. R. Lassiter,
Regional Engineer.

Enclosure 2953379.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

~~XXXXXXXXXXXX~~
CHICAGO, ILLINOIS
Washington 25, D. C.

April 2, 1948.

MEMORANDUM for the Regional Director, Region Three.

We enclose two assemblies of Grand Canyon National Monument Deed 10, covering the appropriation of water under Application A-2823, Permit A-1987. One copy should be forwarded to the Superintendent.

The permit has only recently been issued because of misrouting of the voucher covering payment of fees.

We have reported beginning and completion of construction, on the basis of the Superintendent's monthly reports for April and June 1946. It seems possible that we can also report beneficial use of the water if records are available. So far as available, parts of the following information should suffice:

1. Maximum string of stock watered at trough, and approximate date.
2. Approximate total head of stock by equine and cattle break-down, watered at trough during 1947 travel year, or calendar year, indicating which.
3. Estimate of number and type of wildlife using the water.
4. Total amount of water pumped 1947 travel year, or calendar year, indicating which.

I assume that no cattle use this water supply. However, if they do, they should be included, giving the approximate number of months they use this supply. If it is not possible to supply data on quantity of water pumped, we can accept previous reports of 15 gallons per minute. Then, if it is known how many hours the pump runs per gallon of fuel, and the total fuel used, we can compute the quantity of water pumped.

(SGD.) A. VAN V. DUNN

Chief, Water Resources Branch.



Enclosure 171.
In duplicate.

C O P Y

GRAND CANYON NATIONAL PARK
GRAND CANYON, ARIZONA

April 29, 1947

MEMORANDUM for the Regional Director, Region Three:

Reference is made to Chief, Water Division A Van V. Dunn's memorandum for the Regional Director, Region Three, dated March 21, 1947 regarding the filing on Lower Saddlehorse Springs in Grand Canyon National Monument.

In accordance with paragraph 2 of the above mentioned memorandum, submitted herewith are four completed photostat copies of the Affidavit of Posting and attached Application No. A-2823 for forwarding to the Director's office.

As directed in the same memorandum Ranger John Riffey, Grand Canyon National Monument has forwarded the original Affidavit to the Water Division, State Land Department, and a request that the permit be forwarded directly to the Director's Office has been forwarded from this office.

Lemuel A. Garrison,
Assistant Superintendent.

Enc.

WLB

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Chicago 54, Illinois

April 8, 1947.

MEMORANDUM for the Regional Director, Region Three.

There are enclosed two copies of a letter of March 25 from the Engineer, Water Division, Arizona State Land Department, regarding the delayed posting of notice to appropriate the waters of Lower Saddle-horse Springs at Grand Canyon National Monument. Apparently there will be no complication because the posting was three days late. We suggest, however, that the final affidavit, with copy of the notice, be executed at the end of 30 days after actual posting on April 25, instead of 30 days from the date when the notices should have been posted, on April 22.

AvVD:sh.

Enclosure 802.
In duplicate.

(SGD.) A. VAN V. DUNN
Chief, Water Division.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CHICAGO, ILLINOIS
54

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

March 21, 1947.

MEMORANDUM for the Regional Director, Region Three.

By airmail memorandum of March 19, we sent two copies of Notice of Application No. A-2825 to Appropriate Lower Saddlehorn Springs at Grand Canyon National Monument directly to Superintendent Bryant because they were supposed to be posted at the diversion and the local post office by March 22, if possible. We now enclose an Affidavit of Posting, including another copy of the notice; four photostat copies of the affidavit and attached notice; and two photostat copies of the form letter of March 12 to this Office giving instructions with regard to posting and the affidavit.

As stated in the form letter, the affidavit should be executed by a qualified member of the Park or Monument personnel 30 days after the notices are posted, and forwarded to the Water Division, State Land Department. The four photostat copies should be completed as exact copies and returned to this Office for use in completing the water right deed assemblies for the various interested offices. The two photostat copies of the form letter of March 12 are for the correspondence files in your office and at the Park.

It is requested that the affidavit be sent to the Water Division, State Land Department, with a forwarding note requesting that the permit be sent directly to the Director's Office. It will be duplicated for the water right deeds, which will then be distributed.

(SGD.) A. VAN V. DUNN

AvVD:sh.

Chief, Water Division.

Enclosure 545.
In duplicate.



(2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CHICAGO, ILLINOIS

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

54

March 19, 1947.

AIRMAIL

MEMORANDUM for the Superintendent, Grand Canyon.

A Notice of Application No. A-2823 to appropriate the waters of Lower Saddlehorse Springs, in Grand Canyon National Monument, is enclosed in duplicate. One copy should be posted at the post office used by residents in the general vicinity of the springs, and the other should be posted at a conspicuous place near the springs. Presumably, the place of use would be more conspicuous than the spring itself. A post card is also enclosed to be filled in and mailed by the man posting the notices on the day of posting.

The notices must be posted by March 22 to comply with instructions, but the failure to do so will probably only result in loss of priority until the date of actual posting, and there should be no more delay than is necessary. We were not prepared for this new posting provision with such limited time after the notice is issued, or we would have given instructions to send them to you directly.

We also enclose four copies of the post card, and request that they be filled out in the same manner as the original and returned to this Office for incorporation in the water right assemblies to be distributed later.

The notices must remain posted for 30 days. An affidavit was sent to us, to be executed at the end of that period, and we will forward it as soon as we make copies for record purposes.

AvVD:sh.
Enclosure 641.

(HAY) HILLOREY A. FOLSON
Acting Director.

cc: Regional Director, Region Three.

→ Mr. Dunn.



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CHICAGO, ILLINOIS 54

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

January 24, 1947.

Mr. O. C. Williams,
Commissioner,
State Land Department,
Phoenix, Arizona.

My dear Mr. Williams:

We enclose an application for the appropriation of the waters of Lower Saddlehorse Springs, tributary to the Colorado River in Grand Canyon National Monument, together with the tracing and one print of drawing No. NM-GC-6980, Lower Saddlehorse Springs Diversion for Trailside Stock Watering.

A purchase order and voucher are also enclosed to cover the \$3.00 charged for examination of the application, under Section 75-137 of the Arizona Code. Please sign the voucher at the point indicated by penciled cross and return to this Office for payment.

Sincerely yours,



A. van V. Dunn,
Chief, Water Division.

Enclosure 500.



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Chicago 54, Illinois

November 27, 1946.

MEMORANDUM for the Regional Director, Region Three.

The enclosed application for the diversion of waters of Lower Saddle Horse Springs at Grand Canyon National Monument has been prepared from the data submitted by Acting Superintendent Garrison with his memorandum of October 30. After its review, please return this application with your approval or suggested changes. Final copies, with approval of the State Water Commissioner, will be distributed later as a water rights deed.

From Mr. Bryant's memorandum of June 26, a pump seems to be used to deliver some part of the water, but the information on drawing NF-66-6557 indicates a gravity delivery on a 5% grade. We have prepared the application on the basis of a gravity flow from the spring around a high point on the canyon side to the place of use on the plateau, and suggested that the pump merely raises part of that water, after gravity delivery, to a higher tank. From the topography, however, it is evident that the pump may raise the water 60 feet to the edge of the plateau whence it flows to the trailside by gravity. Please clarify these points.

It will also be better, if possible, to indicate the pump capacity in gallons per minute, and the size of the gasoline engine in horse power. If the engine size is not known, it will help to know about how long it takes to fill a 55-gallon tank, or some other estimate of the rate of pumped delivery.

AvVD:sh.
Enclosure 466.
In duplicate.

(SGD.) A. VAN V. DUNN
Chief, Water Division.

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
GRAND CANYON NATIONAL PARK
GRAND CANYON, ARIZ.

October 30, 1946.

MEMORANDUM for the Regional Director, Region Three:

Reference is made to Acting Regional Director McColm's memorandum of October 9, regarding Acting Director Tolson's memorandum of October 4, concerning permits and applications to construct stock watering tanks in Grand Canyon National Monument.

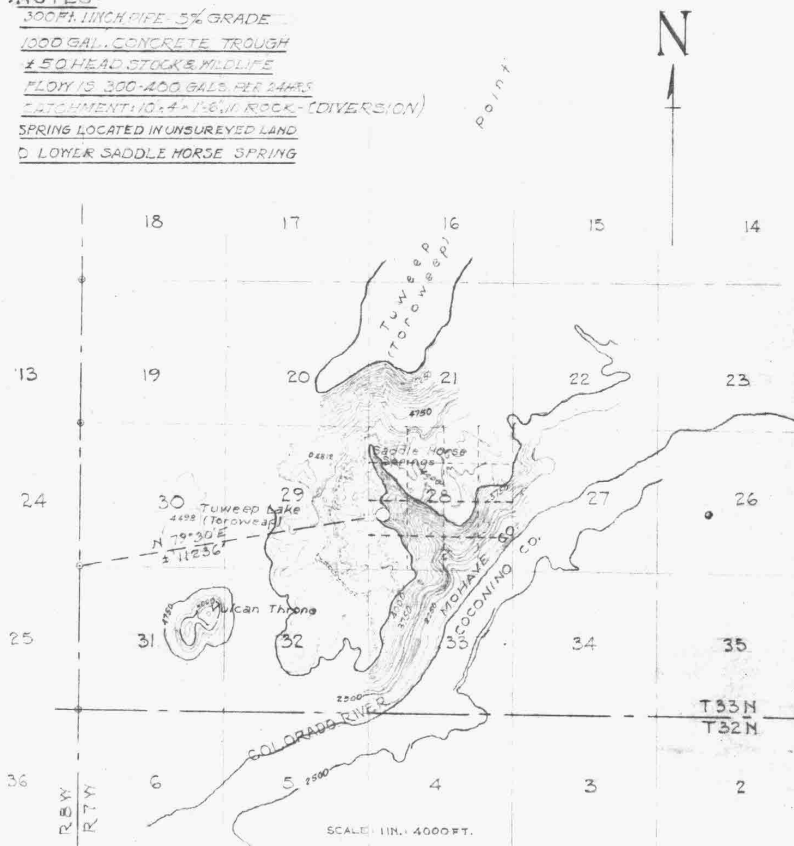
The information has been forwarded to the Ranger in Grand Canyon National Monument regarding the construction of stock watering tanks by Messers, Heaton, Jackson and Findlay. As mail is slow and irregular to and from the Monument it might be sometime before the information is received in this office. However, it will be forwarded as soon as possible.

Reference is made to the "Saddle Horse Spring", water system, and there are attached three copies of the revised blue print of Drawing 8537 which now shows in the "Notes", upper left hand corner, pipe line grade, spring flow, length of the line and diversion works. Also, in red is shown the approximate alignment of the line. The pipe line merely provides a means of getting water from the spring up a 60 foot ledge to a trough which is accessible from the trail.

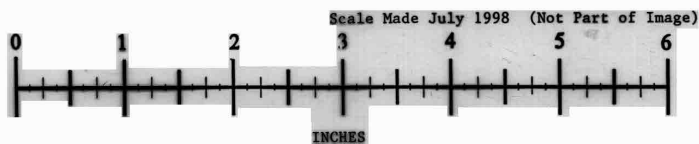
Lemuel A. Garrison,
Acting Superintendent.

NOTES:

300 FT. INCH PIPE 5% GRADE
 1000 GAL. CONCRETE TROUGH
 #50 HEAD STOCK & WILDLIFE
 FLOW IS 300-400 GALS. PER 24 HRS.
 CATCHMENT NO. 4 - 1/2 IN. ROCK (DIVERSION)
 SPRING LOCATED IN UNSUREYED LAND
 D. LOWER SADDLE HORSE SPRING



UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE PARK ENGINEER PREPARED BY PARK SUPERINTENDENT OFFICE		REGION THREE SHEET 1 OF ONE
LOWER SADDLE HORSE SPRINGS LOCATION NWSW 1/4 - SEC. 28 - T. 33N - R. 7W - (PROJECTED) GRAND CANYON NATIONAL MONUMENT		DRAWING NO. NPGC 8537



54

October 4, 1946.

MEMORANDUM for the Regional Director, Region Three.

Reference is made to the memorandum of August 6 from Acting Superintendent Garrison for you, with enclosed copies of a "permit" being used in connection with the construction of stock-watering tanks at Grand Canyon National Monument.

The related grazing permits provide, as condition 11, that no improvements shall be made without the prior written authorization of an official of this Service. The instruments which Mr. Garrison has just submitted do not indicate such permission. They constitute only a waiver by the prospective permittee of title to any such improvements and appurtenant water rights which may accrue. In the future, including the case of the tank now being constructed, please issue a specific authorization to construct and maintain a stock-watering tank, or other improvement at the particular site which may be designated in the request of the applicant, and make the waiver a condition of that authorization. A letter from the Superintendent in reply to the permittee's request would be sufficient if it also acknowledges a waiver which has been submitted with a written request for the permit.

Mr. Garrison also states that the instrument for Mr. Heaton has not yet been signed as the tank has not been completed. As a matter of fact, the request should be made in writing and approved by permit or letter before any improvements are started.

Furthermore, there are no records of water rights for any of the improvements covered by the three instruments for Messrs. Jackson, Heaton, and Findley, if these improvements are on Monument land, although each permittee has initiated rights for similar developments just outside the Monument--some as recently as 1946. It seems quite evident that these permittees either consider that no water right is needed within the Monument, which is not the case, or assume that the United States will perfect the rights as it sees fit, after accepting the waivers.

In the case of tanks already built, an authorization should be issued to supplement the waivers now in use, and should prescribe that permittees shall comply with the State water laws and that the

application for a water right shall designate the United States as claimant, and shall be approved by the Director before it is filed with the State Land Department. A copy of the application and map should be submitted to this Service, for such approval, with the application for permission to make the improvements. The permittee should be required to perfect the water right, in this manner, in order to spare the United States the cost. If stock is to be watered from any spring, stream, or impounding tank for surface water, a water right is required by State law. There is no reason why the cost of such right should not be borne by permittee even though the tank and right revert to the United States on termination of permit.

The Saddle Horse Spring water system, of course, should be covered by a water right application prepared and filed by this Service. Drawing HP-66-6537, included with Mr. Garrison's memorandum, gives the point of diversion but does not show the pipe alignment, give the pipe line grade or spring flow, nor describe the diversion works. Please supply these data so that we may prepare the application and file map.

(S22) HILLOREY A. TOLSON

AvVD:sh.

Acting Director.

In duplicate.

cc: Regional Director, Region Three (Mammoth Cave).

cc: Mr. Dunn.

2

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CHICAGO, ILLINOIS

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

May 24, 1946.

MEMORANDUM for the Regional Director, Region Three.

In the Superintendent's Monthly Narrative Report for April for Grand Canyon National Monument, we note the following statement:

"During the heaviest of the showers on April 2, some water ran in Tuweap Lake, but the valley tank failed to catch any; however, the tank has enough water for the next month and a half for the Monument stock ... The Heaton's began construction of the tanks on Toroweap Point on the 27th of March and April 2 ... No fencing of the tanks has been done to date ... Pipe was laid from Saddle Horse Spring to the head of the trail where it can now be connected to a stock tank."

We are surprised to find any particular reference to the Tuweap or Toroweap Lake. Our reply of January 18, 1944, to your memorandum of December 28, 1943, approved your recommendation that the remains of the dam be abandoned. We have accordingly considered that the whole development, including the water rights under Permit No. 235, Deed No. 9, has been abandoned. If there is any plan to impound water for wildlife at this site, it will be necessary to reinstate the permit, and this Office should be so advised.

We should also like to have a more detailed explanation as to the recent construction of tanks by the Heaton's. It is assumed that these tanks are on Federal land and that they are being built in connection with one of the grazing permits. However, we are not aware of any permit authorizing fencing and we believe that any water developments which are made should be kept open to all stock and wildlife in the area. We also believe that any water rights relating to permittees' stock watering should be perfected by the United States. Particularly since we have abandoned claims to Toroweap Lake, we should not permit private monopolistic control of any other water in the vicinity.

Saddle Horse Spring is subject to appropriation under the Arizona water law. Assuming that the pipe line and tank are being constructed by this Service, the plans should be submitted to this Office so that an application may be filed for a water right. If, for any reason, the diversion is being made by the Heaton's, or other stockmen, the preceding statements regarding the tanks on Toroweap Point would



apply. If this Service is to file the water right application, the plan must show a tie from a section corner to point of diversion. If a section corner tie cannot be made easily, a tie to some prominent landmark would be acceptable. We should also know the size, and control grade of the pipe line, size and type of stock tank, and approximate number of head of stock and wildlife to be watered. The spring flow will also be helpful if available.

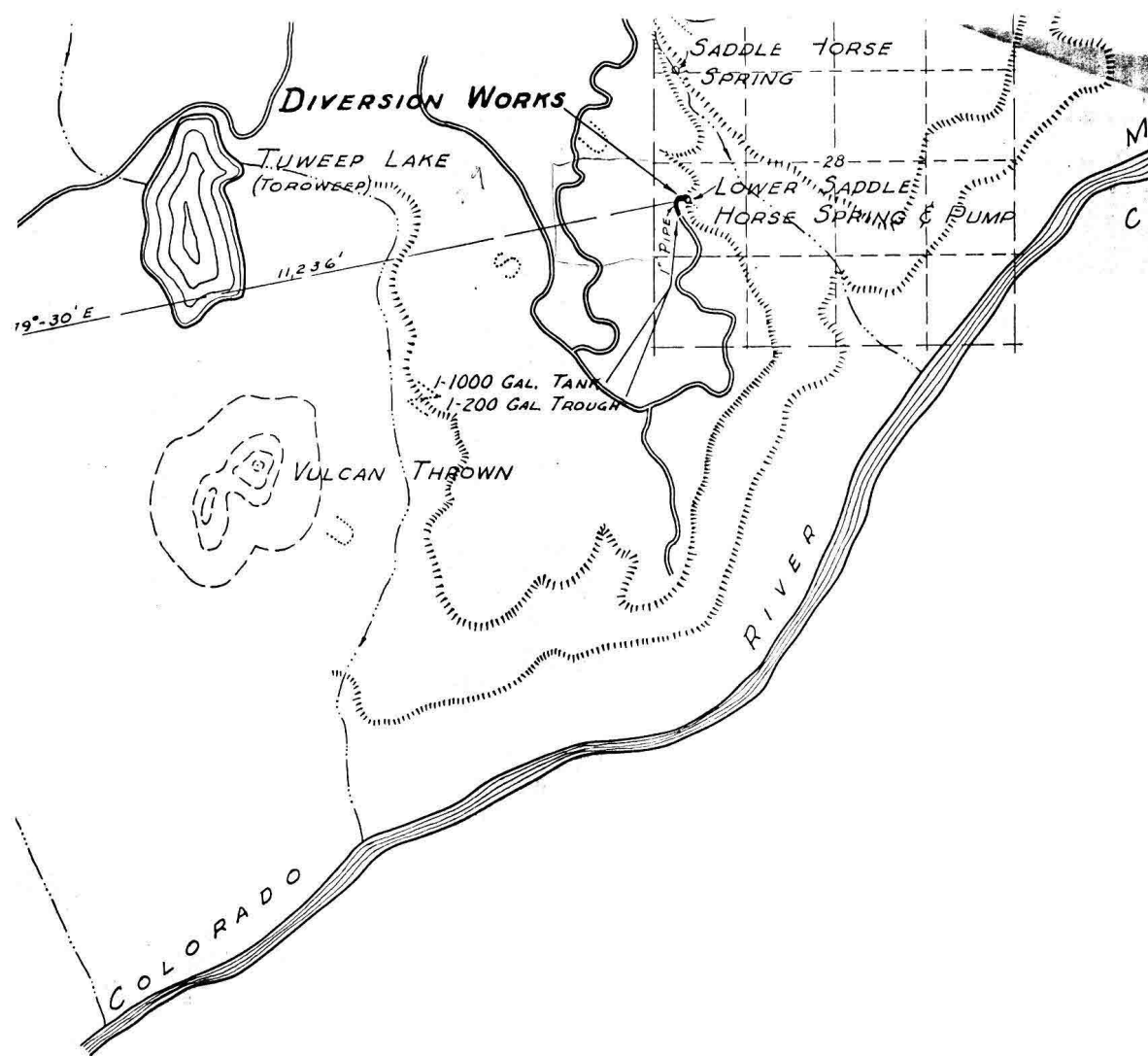
(SGD) HUGH M. MILLER

AyVD:sh.

Acting Director.

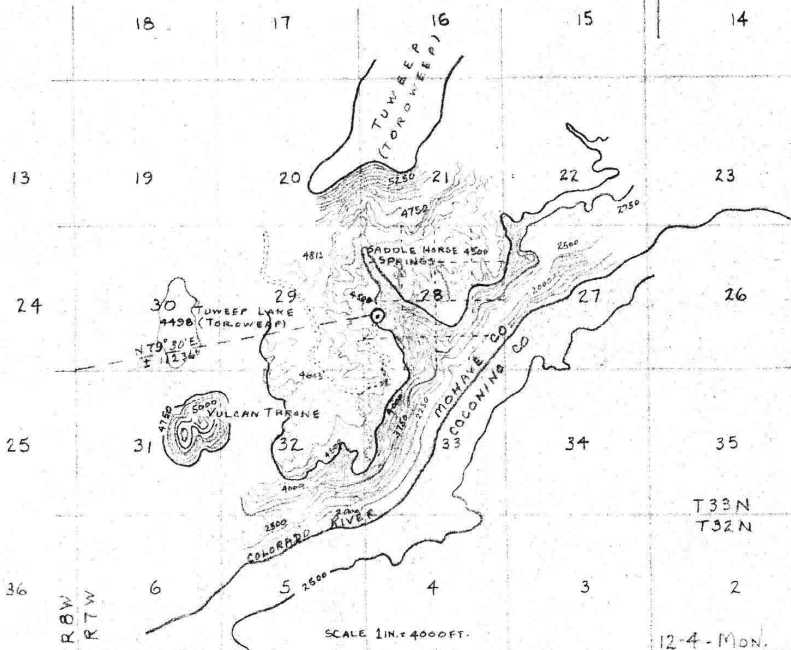
In duplicate.

cc: Mr. Dunn.



1" PIPE 5% GRADE
1000 GAL. CONCRETE TROUGH
± 50 HEAD STACK & WILDLIFE
FLOW IS 300-450 GALS. PER 24 HRS.
CATCHMENT 10' x 4' x 1/2" IN ROCK
SPRING LOCATED IN UNSURVEYED LAND
O LOWER SADDLE HORSE SPRING

100-250 gal. Per 24 hr.
Period 1956
POINT



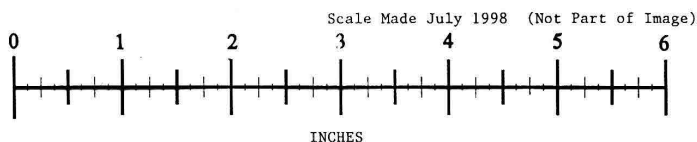
LOWER SADDLE HORSE SPRINGS LOCATION

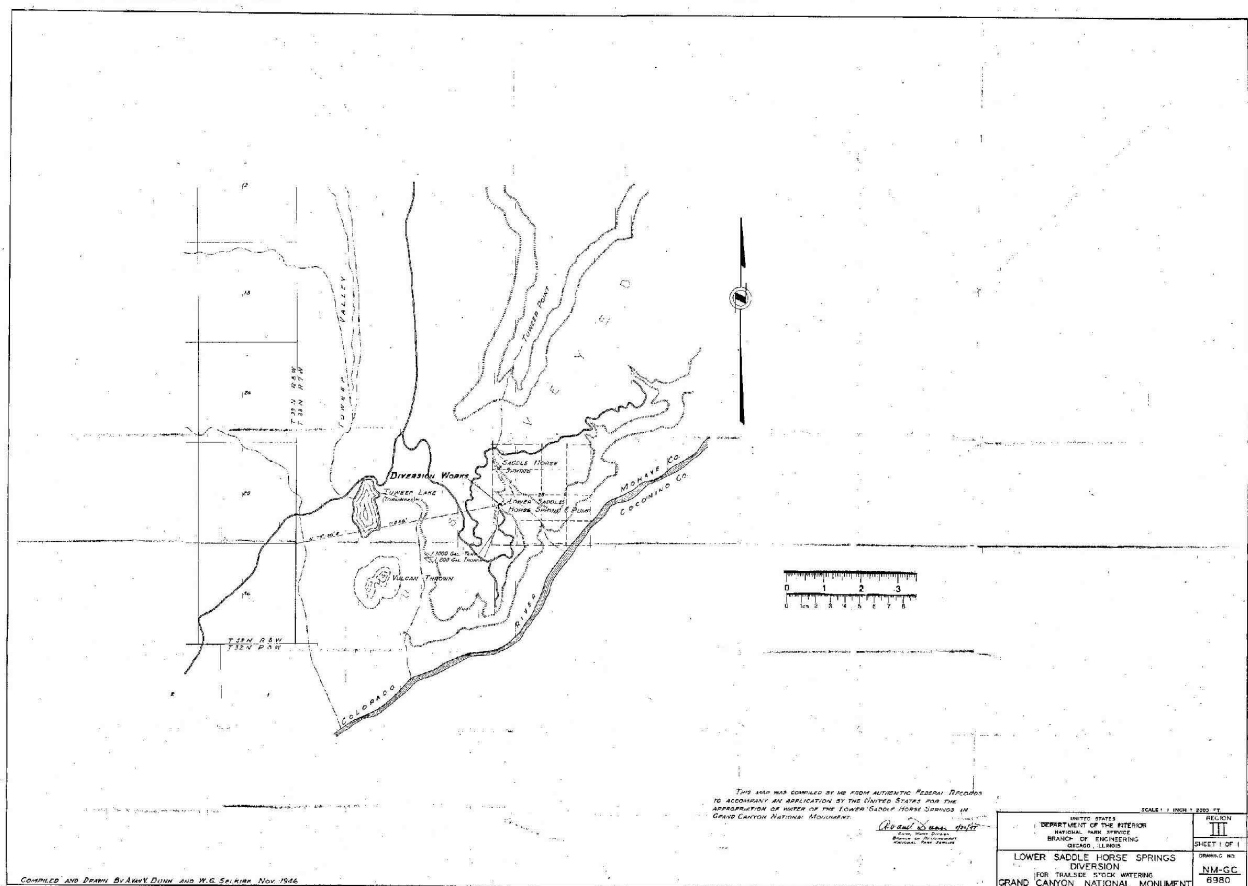
NWSW 1/4 SEC. 28-T33N-R7W (PROJECTED)
GRAND CANYON NATIONAL MONUMENT

8-5-46

DRAWING NO.

NPGC
8537





Docket Information

Number of Documents in Docket 80

Documents Dated from 5/24/1946 to 8/17/1976

Docket Compiled: 3/28/2011