# WATER-RIGHT DOCKET

## Pinnacles National Monument

**Docket No: 2**

***SPRINGS AND STREAM FLOW. BEAR GULCH***

**Preliminary Docket Information**

01-05-1976: water right/source docket information

WATER RESOURCES/WATER RIGHTS DATE: January 5, 1976

WATER RIGHT/SOURCE DOCKET INFORMATION

REGION Western AREA Pinnacles National Monument

SITE Bear Gulch Water System (Including: Bear Gulch Dam on Bear Gulch Creek, Headquarters Spring and a lower dam on Bear Gulch Creek; Condor Gulch Spring, Bear Gulch Spring and Moses Spring were abandoned as points of diversion.)

STATE California COUNTY San Benito County DOCKET NO WR #2

LOCATION Section 2, Township 17 South, Range 7 East

REGIONAL BASIN LOCAL BASIN

ACQUIRED BY Application

APPLICATION 9083 PERMIT 5047 CERTIFICATE 3820

ACTION DUE PRIORITY August 19, 1937 RESERVATION Jan. 16, 1908

QUANTITY See below USE Domestic and fire protection

STATUS SOURCE Springs and stream flow

REMARKS See expanded narrative following for greater detail.

NARRATIVE:

On August 19, 1937, the Park Service filed Application No. 9083 with the State of California to appropriate water from six points within Pinnacles National Monument. The sources were springs tributary to Bear Gulch Creek and dams in the Creek itself. Many of the diversions had already been constructed and were in use prior to the filing of the application. The Park Service later changed the point of diversion of a rediversionary dam on Bear Gulch Creek which had been and still remained downstream of most of the other sources (including Bear Gulch Dam).

The State made an inspection of the diversions in the monument on May 19, 1952. The Park Service sent a letter to the State on Sept. 2, 1952 reporting full appropriation and application to beneficial use of the available water produced by most of the sources. The Park Service requested the proper forms necessary for submittal to obtain a license for the sources involved. The State informed the Park Service that a license would be issued on the basis of the results of the inspection made on May 19, 1952. The results of the inspection showed changes in points of diversion of two of the sources and abandonment of two others. For this reason, the State requested the Park Service to petition for a change in point of diversion (the Park Service did so and was granted the changes by the State). On September 17, 1953, the State issued License No. 3820 for two diversions on Bear Gulch Creek and for Headquarters Spring. The total amount licensed was 0.043 cfs by direct diversion for domestic and fire protection purposes with a year round season, and 3616 acre-feet by storage for domestic and fire protection purposes with a season from about November 1 to May 1.

The Bear Gulch System later had pollution problems and so the Chalone Creek System (see Water Right No. 1 covering a trench across Chalone Creek) began supplying domestic water for the Bear Gulch area (it appears that this may have begun in 1959). This is still the case today (as of a phone conversation on 12/31/75).

Compiled by M. Ackerman

Approved by W. Werrell

Pinnacles Water Right # 2 - Bear Gulch Water System:

Pinnacles National Monument was established by presidential proclamation on January 16, 1908. On August 19, 1937, the Park Service filed Application No. 9083 with the State of California to divert water from six points within Pinnacles National Monument. The proposed diversions and the amount sought to be appropriated are described as follows:

Diversion 1: Bear Gulch Dam - A dam 38 feet high was already in existence in 1937 downstream from Bear Gulch Spring (Diversion 4) but upstream of all other diversions and the Park Service structures. The Park Service proposed raising the dam 10 feet in height which would increase the capacity of the storage reservoir from 36.6 acre-feet to 81.6 acre-feet. The storage reservoir was to regulate seasonal variations in streamflow of Bear Gulch by releasing stored water in times of low flow. A four inch pipeline 4500 feet long was to be constructed from the dam as a fire line and sanitary supply.

Diversion 2: Headquarters Spring:- This spring is downstream of Bear Gulch Dam and was the domestic supply for the monument. A concrete slab across a rock cleft from which the spring issued and a one-inch pipeline 700 feet in length to transport the water from the spring to storage tanks downstream were already in existence. The amount sought to be diverted was 0.0015 cfs.

Diversion 3: Condor Gulch Spring - The proposed diversion of Condor Gulch Spring was to be made by a small concrete box built around the spring. The amount to be diverted was 0.0007 cfs and was to be used at the spring site for a watering trough.

Diversion 4: Bear Gulch Spring - This spring is upstream of Diversion 1 (Bear Gulch Dam). The diversion was in existence and made by a 5' X 8' concrete box built around the spring and a one inch pipeline 1800 feet long was used to convey the water from the spring box to a drinking fountain below Bear Gulch Dam. The amount to be diverted was 0.0015 cfs.

Diversion 5: Moses Spring - The proposed diversion of Moses Spring was to be accomplished by a concrete box built around a rock cleft from which the spring flowed. Moses Spring lies physically between Bear Gulch Dam and Headquarters Spring. A one inch pipeline 2000 feet long was to be constructed from the spring box to storage tanks into which the Headquarters Spring flow was diverted (and used as a domestic supply for the area). The amount to be diverted from Moses Spring was 0.0003 cfs.

Diversion 6: Bear Gulch Creek - This diversion was to recapture the overflow from Diversions 1, 2, 4 and r. The diversion was in existence and was made downstream of these sources on Bear Gulch Creek. It consisted of a masonry dam four feet long on the crest and two feet high. A 1½" pipeline 2000 feet long extended from the dam to the system serving the comfort stations and bath house. The amount to be diverted was 0.04 cfs.

On November 18, 1937, the State of California issued Permit No. 5047 for the above diversions. The "Progress Report by Permittee" filed by W. I. Hawkins, Custodian of Pinnacles National Monument, during the following years reported the progress in construction on the proposed diversions. In 1939, he reported a new diversion dam eight feet high and approximately 1000 feet downstream of where Bear Gulch Dam had been built. The water stored behind Bear Gulch Dam was released to flow in the natural stream channel through a cave and then was rediverted by the new dam upon leaving the cave. This new diversion, designated Diversion 1-A, was to be the point from where the four-inch pipeline was constructed. He also reported that a 20,000 gallon concrete reservoir had replaced the two 5,000 gallon tanks used to store the water diverted from Headquarters Spring. Additonally, the 1½" domestic pipeline had been replaced by a two inch line from the new reservoir. On December 7, 1939, the State issued an order allowing a change in point of diversion to cover the new point of rediversion (Diversion 1-A) in response to a petition filed by the Park Service on November 20, 1939. The remaining diversions were unchanged.

Through the years following, water from all the diversions except Diversions 3 and 5 (Condor Gulch and Moses Springs) was diverted and applied to beneficial use. The elevation of Bear Gulch Dam was raised. The four inch pipeline for fire protection was installed to hydrants and building connections. The sanitary and domestic distribution system to various buildings in the monument was constructed. In 1950, Mr. A. van V. Dunn reported to the State that Moses Spring had not been diverted because the flow was not considered adequate to justify developin g the source. Condor Gulch Spring had only been used for stockwatering and had not been diverted as it was subject to pollution. Diversion 4 (Bear Gulch Spring) was no longer being diverted and was discharging into the reservoir behind the Bear Gulch Dam.

An inspection of the diversions within Pinnacles National Monument by Mr. S. Sheehan of the State Engineer's office was made on May 19, 1952. On September 2, 1952, the Park Service wrote a letter to the State Division of Water Resources reporting that "Use of water is full and complete and it is impossible to increase the amount heretofore beneficially use..." A request was made for the proper forms necessary to show final proof of appropriation. On Sept. 11, 1952, the State replied in a letter stating that no forms need be filed and consideration of issuance of a license was to be made upon the basis of the inspection made by the State on May 19th. The State wrote again on April 6, 1953 to the Park Service and reported the results of the inspection made by Mr. Sheehan. Since a few of the diversions in the monument were no longer being made (Diversions 3, 4, 5 and 6) and some were being made at different points of diversion (Diversions 4 and 6), the State suggested a change in point of diversion be requested by the Park Service.

On April 17, 1953, the Park Service responded by again petitioning for change in point of diversion. Diversion 4 of 0.0015 cfs was changed to Diversion 1 (Bear Gulch Dam) as the new point of diversion. Diversion 6, the diversion of Bear Gulch Creek, was changed to the rediversionary dam, designated Diversion 1-A, and to Diversion 2. The water from these sources was to continue to be used for domestic and fire protection purposes. The descriptions of Diversions 1, 1-A, and 2 remained the same but diversions points 3, 4, 5 and 6 were abandoned. The result of these changes being that three diversions had the amount appropriated increased by the additional amount which had previously been diverted by two of the four diversion points which had now been abandoned. The State issued an order granting the above changes on June 29, 1953.

The State wrote to the Park Service again on August 20, 1953 and stated that the results of the inspection indicated that 0.01 cfs had been diverted by direct diversion and 32.6 acre-feet per annum had been diverted into storage and had actually been put to beneficial use for domestic purposes. The report of the inspection also showed that facilities had been installed with the capacity to divert 0.043 cfs by direct diversion and 36.6 acre-feet per annum by storage for domestic and fire protection purposes. The State proposed issuance of a license for the above amounts. The Park Service replied in a letter of August 28, 1953 stating that a license issued for the amounts and at the the points described above would be acceptable.

On September 17, 1953, the State issued License No. 3820 to the Park Service for the diversions in Bear Gulch Creek and Headquarters Spring as described below.

| | |
|---|---|
| Bear Gulch Dam-Diversion 1 | 32.6 acre-feet per annum by storage and 0.0015 cfs by direct diversion for domestic purposes. 36.6 acre-feet per annum by storage and 0.0015 cfs by direct diversion for domestic and fire protection purposes. |
| Rediversion Dam on Bear Gulch Creek-Diversion 1-A | 0.0066 cfs by direct diversion for domestic purposes. 0.0396 cfs by direct diversion for domestic and fire protection purposes. |
| Headquarters Spring-Diversion 2 | 0.0019 cfs by direct diversion for domestic purposes, and the same abount for domestic and fire protection purposes. |

The result being a total of 0.01 cfs by direct diversion for domestic purposes and 0.043 by direct diversion for domestic and fire protection purposes and a total of 32.6 acre-feet by storage for domestic purposes and 36.6 acre-feet by storage for domestic and fire protection purposes. The direct diversions had a year round season and the diversions to storage had a season from about Nov. 1 to May 1.

The number of visitors in the monument in 1952 was 26,111; in 1962, 81,475; and in 1970, 168,242.

On November 22, 1963, the Regional Chief of Lands, NPS, reported to the State that the Chalone Creek system was serving as a supplement to the Bear Gulch system which was overtaxed at that time. It appears that the domestic supply for the Bear Gulch system was to be supplied by the Chalone Creek system but the sanitary and fire protection systems were to continue being supplied by the storage reservoir and other diversions in the Bear Gulch system. Earlier, in 1959, the Superintendent reported a contamination problem with Split Rock Spring (Headquarters Spring?), the Bear Gulch domestic supply. There was at that time a coliform count of 38 for the Bear Gulch supply, while at the same time, Chalone Creek showed little or no contamination.

On December 31, 1975, the phone receptionist at the monument confirmed that the domestic supply for the Bear Gulch system was still the well in Chalone Creek (xxxxxxxxxxx Billy Hair, the receptionist, may not appear to be good authority for this information but the maintenance foreman was on annual leave when I called and she seemed to know what she was talking about. Also this is a small monument and the information is such that anyone working there for a short time would probably know whether it were true or not.)

Dec. 31, 1975
Mike Ackerman
Legal Clerk

PINNACLES NM
Bear Gulch
Water Right Docket No. 2

Outline of Assembly

A. Drawing No. NM-Pin 6975
B. Drawing No. NM-Pin 6978-C
C. Application to Appropriate Unappropriated Water filed 8/19/37
D. Notice of Application to Appropriate Water dtd 8/19/37.
E. Affidavit of Posting Notice October 28, 1937
F. Progress Report by Permittee, Year 1938
G. Progress Report by Permittee, Year 1939, 10/21/39.
H. Order Allowing Change in Point of Diversion
I. Progress Report by Permittee, Year 1940, dtd 12/10/40.
J. Progress Report by Permittee, Year 1941, dtd 10/14/41.
K. Progress Report by Permittee, Year 1942,
L. Progress Report by Permittee, Year 1943, dtd 10/23/43.
M. Progress Report by Permittee, Year 1944, dtd 10/12/44.
N. Progress Report by Permittee, Year 1945, dtd 11/2/45.
O. Progress Report by Permittee, Year 1946, dtd 10/1/46.
P. Progress Report by Permittee, Year 1947, dtd 11/20/47.
Q. Progress Report by Permittee, Year 1948, dtd 10/29/48.
R. Progress Report by Permittee, Year 1949, dtd 10/12/49.
S. Progress Report by Permittee, Year 1950, dtd 11/3/50.
T. Progress Report by Permittee, Year 1951, dtd 10/12/51.
U. Petition for Change in Point of Diversion, 4/17/53.
V. Order Allowing Change in Points of Diversion 6/29/53.
W. License for Diversion and Use of Water 5/19/52.
X. Report of Licensee for Years 1953, 1954 & 1955, 11/2/55.
Y. Report of Licensee for Years 1956, 1957, & 1958., 12/10/58.
~~Z. Report of Licensee for Years 1956, k~~

Z. Report of Licensee for the Years 1959, 1960 and 1961
AA. Report of Licensee for the Years 1962, 1963 and 1964

WATER DOCKET INFORMATION

AREA PINNACLES N M

DOCKET NO. 2

APPLICATION NO. 9083

PERMIT NO. 5047

~~XXXXXXXXXXXXX~~ CERTIFICATE NO. LICENSE NO 3820

TITLE OF DOCKET BEAR GULCH WATER SYSTEMS

PRIORITY 8/19/1937

REMARKS: Apparently there are three points of diversion for this License

PINN 2011 Point Walk

## [FINAL SUBMITTED VERSION]

## REPORT OF LICENSEE FOR 2011

Primary Owner: U S NATIONAL PARK SERVICE
Application Number: A009083
License Number: 003820
Date Submitted: 2012-06-14

| 1. Project Abandoned | |
|---|---|
| The project has been abandoned and I request revocation of my water right license | No |

| 2. Compliance with License Terms and Conditions | |
|---|---|
| I have currently reviewed my water right license and I am complying with all terms and conditions | Yes |
| Description of noncompliance with terms and conditions | |

| 3. Changes to the Project | |
|---|---|
| Intake location has been changed | Yes |
| Description of intake location changes | Please see remarks. |
| Type of use has changed | |
| Description of type of use changes | |
| Place of use has changed | |
| Description of place of use changes | |
| Other changes | |
| Description of other changes | |

| 4. Purpose of Use | |
|---|---|
| Domestic | Varies by season and year |
| Fish and Wildlife Protection and/or Enhancement | Please see remarks. |
| Fire Protection | Bear Gulch Reservoir |

**5. Amount of Water Diverted and Used**

| Month | Amount directly diverted or collected to storage (Gallons) | Amount used (Gallons) |
|---|---|---|
| January | 150272.0 | 150272.0 |
| February | 118558.0 | 118558.0 |
| March | 140324.0 | 140324.0 |
| April | 240705.0 | 240705.0 |
| May | 159323.0 | 159323.0 |
| June | 126108.0 | 126108.0 |
| July | 129778.0 | 129778.0 |
| August | 125963.0 | 125963.0 |
| September | 105019.0 | 105019.0 |
| October | 124766.0 | 124766.0 |
| November | 150273.0 | 150273.0 |
| December | 131348.0 | 131348.0 |
| Total | 1702437 | 1702437 |

**6. Maximum Rate of Diversion for each Month**

| Month | Maximum Rate of Diversion (GPM) |
|---|---|
| January | 30.0 |
| February | 30.0 |
| March | 30.0 |
| April | 30.0 |
| May | 30.0 |
| June | 30.0 |
| July | 30.0 |
| August | 30.0 |
| September | 30.0 |
| October | 30.0 |
| November | 30.0 |
| December | 30.0 |

**7. Storage**

| Reservoir name | Spilled this year | Feet below spillway at maximum storage | Completely emptied | Feet below spillway at minimum storage | Method used to measure water level |
|---|---|---|---|---|---|
| Bear Gulch Reservoir | No | 6.0 | No | 12.0 | Estimate |

**Conservation of Water**

| | |
|---|---|
| 8. Are you now employing water conservation efforts? | Yes |
| Description of water conservation efforts | Low flow flushing devices. |
| 9. Amount of water conserved | 0.0 Gallons |

**Water Quality and Wastewater Reclamation**

| | |
|---|---|
| 10. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses? | No |
| 11. Amount of reclaimed, desalinated, or polluted water used | |

**Conjuctive Use of Groundwater and Surface Water**

| | |
|---|---|
| 12. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license? | Yes |
| 13. Amounts of groundwater used | 1702437.0 Gallons |

**Additional Remarks**

Water is now drawn through the Pillar Well, not through surface diversion. Amount not drawn from stream remains instream in support of fish and wildlife in stream and reservoir, and for talus cave formation. The United States gives this information to the State in the interest of comity, and does not concede that the State has the power to regulate the rights of the United States to the use of water.

**Attachments**

| File Name | Description | Size |
|---|---|---|
| No Attachments | | |

**Contact Information of the Person Submitting the Form**

| | |
|---|---|
| First Name | Eric |
| Last Name | Lord |
| Relation to Water Right | Agent |
| I read the above and agree | Yes |

CALIFORNIA
Water Boards

Edmund G. Brown Jr.
GOVERNOR

Matthew Rodriquez
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board

## NOTICE TO WATER RIGHT LICENSEE

March 5, 2012

**Designated Contact or Agent:**
U S NATIONAL PARK SERVICE
1201 OAK RIDGE DR STE 250
FORT COLLINS, CO 80525

**Contact Phone Number:** (970) 225-3500

**Primary Owner:** U S NATIONAL PARK SERVICE

**Application ID:** A009083 **License No.** 003820

| First three Sources listed: | Counties: |
|---|---|
| BEAR GULCH | San Benito |
| BEAR GULCH | San Benito |
| HEADQUARTERS SPRING | San Benito |

**Direct Diversion Rate:** 0.043 Cubic Feet per Second **Collection to Storage Amount:** 36.600 AC-FT

### LICENSEE REPORTING FOR 2011

As indicated in the California Code of Regulations title 23, section 847, the State Water Resources Control Board (State Water Board) requires annual reporting of water diversion and use under licenses. The State Water Board has historically required these reports to be filed once every three years in paper form. California Water Code chapter 2.7 section 348 authorizes the State Water Board to require online reporting of water diversions. Consistent with these requirements, the State Water Board, Division of Water Rights (Division) developed a new online Report Management System (RMS) as a component of the enhanced Water Right Information Management System (eWRIMS). RMS allows electronic submittal of water diversion and use reports, saving both paper and resources. **All reports must be completed online through RMS; paper copies are not available.** To report online, go to **www.waterboards.ca.gov/rms** and login with your User ID and Password. The information required to login and access your online Report of Licensee is:

User ID (Water Right ID): **A009083**
Password (Reporting Identifier): **124069**

You are required to complete the online report for 2011 no later than **June 30, 2012.** If you do not have a computer or internet access, you should use a friend's computer, a computer in a public library, or a Division computer to fill out the form. Unfortunately, Division staff cannot fill the form out on your behalf. However, if you wish to seek assistance with the form, you may contact the Division to request a listing of attorneys and consulting firms with water rights experience. You can also review the listing on the Division's Business Information Contacts webpage at: http://www.waterboards.ca.gov/waterrights/board_info/contacts.shtml.

If you have multiple water rights, please be aware you must report water use separately for

each right. Do not list total combined diversions under multiple rights on the form. To document compliance with the conditions of your water right(s), you may use RMS to submit photos (such as staff gages, measuring devices, etc.), documents (Department of Fish and Game agreements, other agency approvals, etc.), graphs, and spreadsheets.

**CHANGES FOR 2011 REPORTING:**

- It is possible to create one account on the RMS site to report all of your water rights. It is not necessary to create an account if you would like to report your water rights individually. Please see the RMS login page for more information and instructions.
- RMS includes the capability to amend current and past reports. Amendments to credits previously claimed pursuant to Water Code sections 1010, 1011, and 1011.5 are subject to review and may not be accepted.
- Licensees can list all of their reservoirs associated with this license in their report.
- RMS includes new on screen help tools and instructions.

**REQUIRED NOTIFICATION OF CHANGE IN OWNERSHIP**

You are required to notify the Division directly of any water right ownership change. Your county assessor's office or title company does not notify the Division of ownership changes. Failure to notify the Division of an ownership change prior to assessment of annual water right fees will result in your liability to pay the annual water right fee even if you transferred the property associated with the water right. Notification to the Division should be made using the Change of Name/Address or Ownership form by clicking on the Water Rights Forms link located at www.waterboards.ca.gov/waterrights/board_info.

**CONTACT INFORMATION**

Frequently asked questions pertaining to filling out online reports are posted at the RMS website and we encourage you to read these first. However, if you still have any questions or need assistance completing the report, please contact the Division of Water Rights at (916) 323-9393 or send an email to: ewrims@waterboards.ca.gov.

Sincerely,

Phillip Crader, Manager
Permitting and Licensing Section
Division of Water Rights

## [FINAL SUBMITTED VERSION]

## REPORT OF LICENSEE FOR 2010

Primary Owner: U S NATIONAL PARK SERVICE
Application Number: A009083
License Number: 003820

| Compliance with License Terms and Conditions | |
|---|---|
| The project has been abandoned and I request revocation of my water right license | No |
| I have reviewed my water right license | Yes |
| I am complying with all terms and conditions | Yes |
| Description of noncompliance with terms and conditions | |
| Intake location has been changed | Yes |
| Description of intake location changes | Yes. Please see remarks. |
| Type of use has changed | |
| Description of type of use changes | |
| Place of use has changed | |
| Description of place of use changes | |

| Purpose of Use | |
|---|---|
| Domestic | Varies by season and year. |
| Fish and Wildlife Protection and/or Enhancement | Please see remarks. |
| Fire Protection | Bear Gulch Reservoir |

| Month | Amount directly diverted or collected to storage (Gallons) | Amount used (Gallons) |
|---|---|---|
| January | 106329.0 | 106329.0 |
| February | 102785.0 | 102785.0 |
| March | 237469.0 | 237469.0 |
| April | 251646.0 | 251646.0 |
| May | 164810.0 | 164810.0 |
| June | 122279.0 | 122279.0 |
| July | 141772.0 | 141772.0 |
| August | 143544.0 | 143544.0 |
| September | 131139.0 | 131139.0 |
| October | 104557.0 | 104557.0 |
| November | 134684.0 | 134684.0 |
| December | 129367.0 | 129367.0 |
| Total | 1770381 | 1770381 |

| Month | Maximum Rate of Diversion (GPM) |
|---|---|
| January | 30.0 |
| February | 30.0 |
| March | 30.0 |

| | |
|---|---|
| April | 30.0 |
| May | 30.0 |
| June | 30.0 |
| July | 30.0 |
| August | 30.0 |
| September | 30.0 |
| October | 30.0 |
| November | 30.0 |
| December | 30.0 |

| Reservoir name | Spilled this year | Feet below spillway at maximum storage | Completely emptied | Feet below spillway at minimum storage | Method used to measure water level |
|---|---|---|---|---|---|
| Bear Gulch Reservoir | Yes | | No | 10.0 | Estimate |

| Conservation of Water | |
|---|---|
| Are you now employing water conservation efforts? | Yes |
| Description of water conservation efforts | Low flow flushing devices |
| Amount of water conserved | 0.0 Million Gallons |

| Water Quality and Wastewater Reclamation | |
|---|---|
| During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses? | No |
| Amount of reclaimed, desalinated, or polluted water used | |

| Conjuctive Use of Groundwater and Surface Water | |
|---|---|
| During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license? | Yes |
| Amounts of groundwater used | 1.77 Million Gallons |

| Additional Remarks |
|---|
| Water is now drawn through the Pillar Well, not through surface diversion. Amount not drawn from stream remains instream in support of fish and wildlife in stream and reservoir, and for talus cave formation. |

| Attachments | |
|---|---|
| File Name | Size |
| No Attachments | |

| Contact Information of the Person Submitting the Form | |
|---|---|
| First Name | Eric |
| Last Name | Lord |
| Relation to Water Right | Other |
| I read the above and agree | Yes |

# State Water Resources Control Board

Division of Water Rights
1001 I Street, 14th Floor ♦ Sacramento, California 95814 ♦ (916) 341-5300
Mailing Address: P.O. Box 2000 ♦ Sacramento, California ♦ 95812-2000
FAX (916) 341-5400 ♦ Web Site Address: http://www.waterboards.ca.gov

Linda S. Adams
*Acting Secretary for Environmental Protection*

Edmund G. Brown Jr.
*Governor*

P INV 2010 done ✓

## NOTICE TO WATER RIGHT LICENSEE

**Application ID:** A009083 **License No.** 3820 **Reporting Cycle:** 3

**Owner(s) of Record:** U S NATIONAL PARK SERVICE

**Primary Contact or Agent:**
U S NATIONAL PARK SERVICE
1201 OAK RIDGE DR STE 250
FORT COLLINS, CO 80525

Contact Phone: (970) 225-3500

P, 7 Wells

**Source(s):** HEADQUARTERS SPRING in San Benito County
BEAR GULCH in San Benito County
BEAR GULCH in San Benito County

**Direct Diversion Rate:** 0.043 Cubic Feet per Second **Collection To Storage Amount:** 36.6 AC-FT

## ANNUAL LICENSEE REPORTING FOR 2010

The State Water Resources Control Board (State Water Board) has historically required Reports of Licensee to be filed once every three years in paper form. Senate Bill 8, which was signed into law in 2009, authorized the State Water Board to adopt regulations requiring online reporting of water diversions. Consistent with the Senate Bill, the State Water Board has adopted regulations requiring annual reporting of water diversion and use under licenses, and developed a new online Report Management System (RMS) as a component of the enhanced Water Right Information Management System (eWRIMS). The online RMS allows you to electronically submit your water diversion and use report, saving both paper and resources. To report on-line, go to **www.waterboards.ca.gov/rms** and log in with your water right ID and password. The information required to log in and access your online Report of Licensee is:

Water Right ID: **A009083**
Password: **5R4J2C**

You are required to complete the online report for 2010 no later than **July 1, 2011.** You may also submit your record of diversion and use for previous years using the RMS. To maintain a continuous record of water use under your license, Licensees with **Reporting Cycle 1** should report their monthly diversion and use for 2008, 2009, and 2010. Licensees with **Reporting Cycle 2** should report their monthly diversion and use for 2009 and 2010; and Licensees with **Reporting Cycle 3** only need to report monthly diversion and use for 2010. Please note that it is not possible at this time to amend a report submitted through the RMS.

### CHANGES FOR 2010 REPORTING:

Question 4 on the previous Report of Licensee form ("Amount of Water Used") has changed. New Question 5c requires you to report both the "*Amount directly diverted and/or collected to storage*" and the corresponding "*Amount used*" for each month. For many direct diversion-only projects, these amounts will be the same and the online form provides a check box for that purpose (Question 5b).

New Questions 6a and 6b on the RMS Report of Licensee requires you to report the maximum instantaneous *rate* of diversion that has occurred in each month under the license, if available.

If your water project is covered by two or more water rights, you should only report your diversion and use of water for the project covered by the license number printed above. The total amount diverted and used under multiple water rights should not be combined and reported on a single form. In such cases, you should quantify your diversion under each water right, assigning water to the senior-most right first, to the extent allowed under the permit or license.

**REQUIRED NOTIFICATION OF CHANGE IN OWNERSHIP**

You are required to notify the State Water Board directly of any water right ownership change. Your county assessor's office or title company does not notify us of any ownership updates. Failure to notify the State Water Board of an ownership change prior to assessment of annual water right fees will result in your liability to pay the annual water right fee even if you transferred the property associated with the water right. Notification to the State Water Board should be made using the Change of Name/Address or Ownership form by clicking on the Water Rights Forms link located at www.waterboards.ca.gov/waterrights/board_info

**CONTACT INFORMATION**

Frequently asked questions pertaining to filling out online reports are posted at the RMS website and we encourage you to read these first. However, if you still have any questions or need assistance completing the report, please contact the Division of Water Rights at (916) 341-5431 or send an email to: ewrims@waterboards.ca.gov

Sincerely,



Phillip Crader, Manager
Permitting and Licensing Section
Division of Water Rights

PINN

# State Water Resources Control Board

Linda S. Adams
*Acting Secretary for Environmental Protection*

**Division of Water Rights**
1001 I Street, 14th Floor ♦ Sacramento, California 95814 ♦ (916) 341-5300
Mailing Address: P.O. Box 2000 ♦ Sacramento, California ♦ 95812-2000
FAX (916) 341-5400 ♦ Web Site Address: http://www.waterboards.ca.gov

Edmund G. Brown Jr.
*Governor*

2010 Year

## NOTICE TO WATER RIGHT LICENSEE

**Application ID:** A008969 **License No.** 9374 **Reporting Cycle:** 3

**Owner(s) of Record:** U S NATIONAL PARK SERVICE

**Primary Contact or Agent:**
U S NATIONAL PARK SERVICE
1201 OAK RIDGE DR STE 250
FORT COLLINS, CO 80525

Contact Phone: (970) 225-3500

**Source(s):** CHALONE CREEK UNDERFLOW in San Benito County

**Direct Diversion Rate:** 14100 Gallons per Day **Collection To Storage Amount:** 0 AC-FT

## ANNUAL LICENSEE REPORTING FOR 2010

The State Water Resources Control Board (State Water Board) has historically required Reports of Licensee to be filed once every three years in paper form. Senate Bill 8, which was signed into law in 2009, authorized the State Water Board to adopt regulations requiring online reporting of water diversions. Consistent with the Senate Bill, the State Water Board has adopted regulations requiring annual reporting of water diversion and use under licenses, and developed a new online Report Management System (RMS) as a component of the enhanced Water Right Information Management System (eWRIMS). The online RMS allows you to electronically submit your water diversion and use report, saving both paper and resources. To report on-line, go to **www.waterboards.ca.gov/rms** and log in with your water right ID and password. The information required to log in and access your online Report of Licensee is:

Water Right ID: **A008969**
Password: **5R4J2C**

You are required to complete the online report for 2010 no later than **July 1, 2011.** You may also submit your record of diversion and use for previous years using the RMS. To maintain a continuous record of water use under your license, Licensees with **Reporting Cycle 1** should report their monthly diversion and use for 2008, 2009, and 2010. Licensees with **Reporting Cycle 2** should report their monthly diversion and use for 2009 and 2010; and Licensees with **Reporting Cycle 3** only need to report monthly diversion and use for 2010. Please note that it is not possible at this time to amend a report submitted through the RMS.

### CHANGES FOR 2010 REPORTING:

Question 4 on the previous Report of Licensee form ("Amount of Water Used") has changed. New Question 5c requires you to report both the "*Amount directly diverted and/or collected to storage*" and the corresponding "*Amount used*" for each month. For many direct diversion-only projects, these amounts will be the same and the online form provides a check box for that purpose (Question 5b).

New Questions 6a and 6b on the RMS Report of Licensee requires you to report the maximum instantaneous *rate* of diversion that has occurred in each month under the license, if available.

If your water project is covered by two or more water rights, you should only report your diversion and use of water for the project covered by the license number printed above. The total amount diverted and used under multiple water rights should not be combined and reported on a single

form. In such cases, you should quantify your diversion under each water right, assigning water to the senior-most right first, to the extent allowed under the permit or license.

**REQUIRED NOTIFICATION OF CHANGE IN OWNERSHIP**

You are required to notify the State Water Board directly of any water right ownership change. Your county assessor's office or title company does not notify us of any ownership updates. Failure to notify the State Water Board of an ownership change prior to assessment of annual water right fees will result in your liability to pay the annual water right fee even if you transferred the property associated with the water right. Notification to the State Water Board should be made using the Change of Name/Address or Ownership form by clicking on the Water Rights Forms link located at www.waterboards.ca.gov/waterrights/board_info

**CONTACT INFORMATION**

Frequently asked questions pertaining to filling out online reports are posted at the RMS website and we encourage you to read these first. However, if you still have any questions or need assistance completing the report, please contact the Division of Water Rights at (916) 341-5431 or send an email to: ewrims@waterboards.ca.gov

Sincerely,



Phillip Crader, Manager
Permitting and Licensing Section
Division of Water Rights

## [FINAL SUBMITTED VERSION]

## REPORT OF LICENSEE FOR 2009

Primary Owner: U S NATIONAL PARK SERVICE
Application Number: A009083
License Number: 003820
Date Submitted: 2010-06-22

| Compliance with License Terms and Conditions | |
|---|---|
| The project has been abandoned and I request revocation of my water right license | No |
| I have reviewed my water right license | Yes |
| I am complying with all terms and conditions | Yes |
| Description of noncompliance with terms and conditions | |
| Intake location has been changed | Yes |
| Description of intake location changes | Please see remarks. |
| Type of use has changed | |
| Description of type of use changes | |
| Place of use has changed | |
| Description of place of use changes | |

| Purpose of Use | |
|---|---|
| Domestic | Varies by season and year. |
| Fish and Wildlife Protection and/or Enhancement | Please see remarks. |
| Fire Protection | Please see remarks. |

| Month | Amount directly diverted or collected to storage (Gallons) | Amount beneficially used (Gallons) |
|---|---|---|
| January | 94000.0 | 94000.0 |
| February | 91000.0 | 91000.0 |
| March | 211000.0 | 211000.0 |
| April | 223000.0 | 223000.0 |
| May | 146000.0 | 146000.0 |
| June | 109000.0 | 109000.0 |
| July | 126000.0 | 126000.0 |
| August | 127000.0 | 127000.0 |
| September | 116000.0 | 116000.0 |
| October | 93000.0 | 93000.0 |
| November | 120000.0 | 120000.0 |
| December | 115000.0 | 115000.0 |
| Total | 1571000 | 1571000 |

| Reservoir name | Spilled this year | Feet below spillway at maximum storage | Completely emptied | Feet below spillway at minimum storage | Method used to measure water level |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| Bear Gulch Reservoir | Yes | | No | 16.0 | Estimate |

| Conservation of Water | |
|---|---|
| Are you now employing water conservation efforts? | No |
| Description of water conservation efforts | |
| Amount of water conserved | |

| Water Quality and Wastewater Reclamation | |
|---|---|
| During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses? | No |
| Amount of reclaimed, desalinated, or polluted water used | |

| Conjuctive Use of Groundwater and Surface Water | |
|---|---|
| During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license? | Yes |
| Amounts of groundwater used | 1.571 Million Gallons |

| Additional Remarks |
|---|
| Water now drawn through well, not surface diversion. Amount not consumptively used remains instream in support of fish and wildlife in stream and reservoir, and for talus cave formation. |

| Contact Information of the Person Submitting the Form | |
|---|---|
| First Name | Eric |
| Last Name | Lord |
| Relation to Water Right | Other |
| I read the above and agree | Yes |

## [FINAL SUBMITTED VERSION]

## REPORT OF LICENSEE FOR 2008

Primary Owner: U S NATIONAL PARK SERVICE
Application Number: A009083
License Number: 003820
Date Submitted: 2010-06-22

| Compliance with License Terms and Conditions | |
|---|---|
| The project has been abandoned and I request revocation of my water right license | No |
| I have reviewed my water right license | Yes |
| I am complying with all terms and conditions | Yes |
| Description of noncompliance with terms and conditions | |
| Intake location has been changed | Yes |
| Description of intake location changes | Please see remarks. |
| Type of use has changed | |
| Description of type of use changes | |
| Place of use has changed | |
| Description of place of use changes | |

| Purpose of Use | |
|---|---|
| Domestic | Varies by season and year. |
| Fish and Wildlife Protection and/or Enhancement | Please see remarks. |
| Fire Protection | Please see remarks. |

| Month | Amount directly diverted or collected to storage (Gallons) | Amount beneficially used (Gallons) |
|---|---|---|
| January | 80000.0 | 80000.0 |
| February | 77000.0 | 77000.0 |
| March | 178000.0 | 178000.0 |
| April | 189000.0 | 189000.0 |
| May | 124000.0 | 124000.0 |
| June | 92000.0 | 92000.0 |
| July | 106000.0 | 106000.0 |
| August | 108000.0 | 108000.0 |
| September | 98000.0 | 98000.0 |
| October | 78000.0 | 78000.0 |
| November | 101000.0 | 101000.0 |
| December | 97000.0 | 97000.0 |
| Total | 1328000 | 1328000 |

| Reservoir name | Spilled this year | Feet below spillway at maximum storage | Completely emptied | Feet below spillway at minimum storage | Method used to measure water level |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| Bear Gulch Reservoir | No | 4.0 | No | 16.0 | Estimate |

| Conservation of Water | |
|---|---|
| Are you now employing water conservation efforts? | No |
| Description of water conservation efforts | |
| Amount of water conserved | |

| Water Quality and Wastewater Reclamation | |
|---|---|
| During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses? | No |
| Amount of reclaimed, desalinated, or polluted water used | |

| Conjuctive Use of Groundwater and Surface Water | |
|---|---|
| During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license? | Yes |
| Amounts of groundwater used | 1.328 Million Gallons |

| Additional Remarks |
|---|
| Water now drawn through well, not surface diversion. Amount not consumptively used remains instream in support of fish and wildlife in stream and reservoir, and for talus cave formation. |

| Contact Information of the Person Submitting the Form | |
|---|---|
| First Name | Eric |
| Last Name | Lord |
| Relation to Water Right | Other |
| I read the above and agree | Yes |

## [FINAL SUBMITTED VERSION]

## REPORT OF LICENSEE FOR 2007

Primary Owner: U S NATIONAL PARK SERVICE
Application Number: A009083
License Number: 003820
Date Submitted: 2010-06-22

| Compliance with License Terms and Conditions | |
|---|---|
| The project has been abandoned and I request revocation of my water right license | No |
| I have reviewed my water right license | Yes |
| I am complying with all terms and conditions | Yes |
| Description of noncompliance with terms and conditions | |
| Intake location has been changed | Yes |
| Description of intake location changes | Please see remarks. |
| Type of use has changed | |
| Description of type of use changes | |
| Place of use has changed | |
| Description of place of use changes | |

| Purpose of Use | |
|---|---|
| Domestic | Varies by season and year. |
| Fish and Wildlife Protection and/or Enhancement | Please see remarks. |
| Fire Protection | Please see remarks. |

| Month | Amount directly diverted or collected to storage (Gallons) | Amount beneficially used (Gallons) |
|---|---|---|
| January | 96000.0 | 96000.0 |
| February | 93000.0 | 93000.0 |
| March | 215000.0 | 215000.0 |
| April | 227000.0 | 227000.0 |
| May | 149000.0 | 149000.0 |
| June | 110000.0 | 110000.0 |
| July | 128000.0 | 128000.0 |
| August | 130000.0 | 130000.0 |
| September | 118000.0 | 118000.0 |
| October | 94000.0 | 94000.0 |
| November | 122000.0 | 122000.0 |
| December | 117000.0 | 117000.0 |
| Total | 1599000 | 1599000 |

| Reservoir name | Spilled this year | Feet below spillway at maximum storage | Completely emptied | Feet below spillway at minimum storage | Method used to measure water level |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| Bear Gulch Reservoir | No | 4.0 | No | 16.0 | Estimate |

| Conservation of Water | |
|---|---|
| Are you now employing water conservation efforts? | No |
| Description of water conservation efforts | |
| Amount of water conserved | |

| Water Quality and Wastewater Reclamation | |
|---|---|
| During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses? | No |
| Amount of reclaimed, desalinated, or polluted water used | |

| Conjuctive Use of Groundwater and Surface Water | |
|---|---|
| During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your license? | Yes |
| Amounts of groundwater used | 1.599 Million Gallons |

| Additional Remarks |
|---|
| Water now drawn through well, not surface diversion. Amount not consumptively used remains instream in support of fish and wildlife in stream and reservoir, and for talus cave formation. |

| Contact Information of the Person Submitting the Form | |
|---|---|
| First Name | Eric |
| Last Name | Lord |
| Relation to Water Right | Other |
| I read the above and agree | Yes |

*Return completed Report to:*

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
P.O. BOX 2000
SACRAMENTO, CA 95812-2000

*A009083%L%2009*

*Or file Report online at:* http://ciwqs.waterboards.ca.gov/ewrims/ewrims_online_reporting/login.jsp
*For assistance completing this Report, call:* (916) 341-5300 FAX (916) 341-5400

# REPORT OF LICENSEE FOR 2007, 2008, 2009

PINN

**OWNER(S) OF RECORD: If the owner information below is wrong or missing, please correct.**
U S NATIONAL PARK SERVICE

**APPLICATION NO: A009083**

**LICENSE NO: 003820**
CONTACT PHONE NO: 970-225-3500

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING
U S NATIONAL PARK SERVICE
1201 OAK RIDGE DR STE 250
FORT COLLINS, CO 80525

## LICENSE SUMMARY

| NAME(S) OF SOURCES OF WATER (Up to first 4 sources listed) | POD PARCEL NO | COUNTY LOCATION |
|---|---|---|
| HEADQUARTERS SPRING | | San Benito |
| BEAR GULCH | | San Benito |
| BEAR GULCH | | San Benito |

**MAX DIRECT DIVERSION RATE:** 0.043 Cubic Feet per Second
**MAX COLLECTION TO STORAGE AMOUNT:** 36.6 AC-FT
**WATER RIGHT FACE VALUE:** 67.7 AC-FT

| LICENSED USE(S) OF WATER (First 4 uses displayed below | ACRES (AC) | DIRECT DIVERSION SEASON (month/day to month/day) | COLLECTION TO STORAGE SEASON (month/day to month/day) |
|---|---|---|---|
| Domestic | 0.0 | 1/1 to 12/31 | 11/1 to 5/1 |
| Fire Protection | 0.0 | 1/1 to 12/31 | 11/1 to 5/1 |

[ ] YES [ ] NO The project has been abandoned and I request revocation of my water right license.

**COMPLIANCE WITH LICENSE TERMS AND CONDITIONS:** This Report is important since it provides a record of your actual water use as well as your compliance with the terms and conditions of your water right license. The information requested below should be filled out carefully. This Report should be promptly returned to the above address.

1. [ ] YES [ ] NO I have currently reviewed my water right license.
2. [ ] YES [ ] NO I am complying with all terms and conditions listed in the license. Identify any noncompliance under "Remarks" on the reverse side.
3. [ ] YES [ ] NO I have changed the intake location, type(s) of use, and/or place of use authorized by the license. If **Yes**, explain under "Remarks" on reverse side. ***Note:*** *A Change Petition and associated fees may be required for any significant changes to the licensed project.*

**BENEFICIAL USE(S) OF WATER:** Under the appropriate boxes below, briefly explain how the water was used each year

| 4. Current Use(s) of Water | 2007 | 2008 | 2009 |
|---|---|---|---|
| 4.a. Irrigation – specify no. of acres irrigated | | | |
| 4.b. Frost Protection – specify no. of acres protected | | | |
| 4.c. Heat Control – specify no. of acres protected | | | |
| 4.d. Industrial – specify type | | | |
| 4.e. Stockwatering – specify no. & type of animals | | | |
| 4.f. Municipal – approx. population served | | | |
| 4.g Domestic – specify no. of persons, lawn/garden area | | | |
| 4.h. Power Generation – installed capacity in kW, MW, or hp | | | |
| 4.i Recreational – specify (boating, fishing, water contact sports, etc.) | | | |
| 4.j. Other – specify (Examples: fire protection, snowmaking, mining, etc.) | | | |

**AMOUNT OF WATER TAKEN FROM THE SOURCE: Please report only the amounts diverted and/or stored under this license.**
5.a. Amount of water taken each month under this license in [ ] gallons or [ ] acre-feet or [ ] million gallons

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2007 | | | | | | | | | | | | | |
| 2008 | | | | | | | | | | | | | |
| 2009 | | | | | | | | | | | | | |

**AMOUNT OF WATER BENEFICIALY USED: Please report only the amounts beneficially used under this license.**
5.b. Amount actually used by direct diversion and/or withdrawal from storage in acre-feet [ ] Check if amounts are same as 5.a.

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2007 | | | | | | | | | | | | | |
| 2008 | | | | | | | | | | | | | |
| 2009 | | | | | | | | | | | | | |

✂ ----------

Please Detach This Portion

To file this report electronically, please go to http://ciwqs.waterboards.ca.gov/ewrims/ewrims_online_reporting/login.jsp and log-in using the Water Right ID and Password provided below:

**Water Right ID: A009083**

**Password: 5R4J2C**

After logging-in, you will be able to change your password by selecting the "Change E-mail or Password" link at the top of the screen. To complete your report for the current year, select the link to the year 2009. You can also complete reports for previous years by selecting "Submit a Report for a Year not Shown Above".

If you have any questions or need further assistance you may contact the eWRIMS Help Desk at 866-792-4977, Monday through Friday, 8:00 a.m. through 5:00 p.m., or by email at ewrims@waterboards.ca.gov.

Q: For Geo.
Rec. Cal. Res: Spill?
If no, max water level below spillway
Empty? No.
If no, # feet below spillway at min level?
Measuring device?

PINN

Please Detach This Portion

App ID No. A009083

| 6. For Storage Projects only: | 2007 | 2008 | 2009 |
|---|---|---|---|
| 6.a. Did your reservoir(s) spill? | | | |
| 6.b. If **No**, how many feet vertically below the spillway was the water level at maximum storage? | | | |
| 6.c. Have you emptied the reservoir(s)? | | | |
| 6.d. If **No**, how many feet vertically below the spillway was the water level(s) at minimum storage? | | | |

**PLEASE ANSWER ONLY THOSE QUESTIONS BELOW THAT ARE APPLICABLE TO YOUR WATER RIGHT PROJECT**
*(Please note that future amendments to the claims below will not be accepted.)*

*An appropriative water right can be reduced or revoked through five continuous years of nonuse. However, the California Water Code specifies that under certain conditions no reduction or loss of the appropriative water right shall occur due to: (a) water conservation efforts, (b) use of recycled, desalinated, or polluted water; and/or (c) conjunctive use of groundwater and surface water. You must report the extent and amount of water claimed for credit below. Failure to report the amounts will deprive you of the benefits allowed under the Water Code sections.*

**CONSERVATION OF WATER: (Water Code section 1011)**
7. **[ ] YES [ ] NO** During the period covered by this Report, were you implementing any water conservation efforts? If **YES**, please describe:

8. If **YES** and you want to claim credit for the amount of water conserved towards the water use authorized under your license as allowed under Water Code section 1011, please show the amount of water conserved below:

| *Future amendments to this claim will not be accepted.* | 2007 | 2008 | 2009 |
|---|---|---|---|
| Amount of water conserved.<br>*Specify in acre-feet (AF) or million gallons (MG)* | | | |

**WATER QUALITY AND WASTEWATER RECLAMATION: (Water Code section 1010)**
9. **[ ] YES [ ] NO** During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?

10. If **YES** and you want to claim credit for the substitution of this reclaimed, desalinated, or polluted water in lieu of the surface water authorized under your license as allowed by Water Code section 1010, please show the amount of reclaimed, desalinated, or polluted water used below:

| *Future amendments to this claim will not be accepted.* | 2007 | 2008 | 2009 |
|---|---|---|---|
| Amount of reclaimed, desalinated, or polluted water used.<br>*Specify in acre-feet (AF) or million gallons (MG)* | | | |

**CONJUNCTIVE USE OF GROUNDWATER AND SURFACE WATER: (Water Code section 1011.5)**
11. **[ ] YES [ ] NO** During the period covered by this Report, were you using groundwater in lieu of the surface water authorized under your license?

12. If **YES** and you want to claim credit for the groundwater used in lieu of the surface water authorized under your permit as allowed under Water Code section 1011.5, please show the amount of groundwater used below:

| *Future amendments to this claim will not be accepted.* | 2007 | 2008 | 2009 |
|---|---|---|---|
| Amount of groundwater used in lieu of surface water.<br>*Specify in acre-feet (AF) or million gallons (MG)* | | | |

**REMARKS:** (Identify the item you are explaining; additional pages may be attached.)

*I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.*

Signature: _____ Date: _____ Phone No.: ( ) _____
LICENSEE (OR AGENT / DESIGNEE)

**Phone Conversation**
**with Brian Strack, Facility Manager**
**Pinnacles National Monument**
**March 31, 1997**

Chuck: This is in regards to Dan McGlothin's yellow note (attached). I spoke with Brian Strack today in regards to Report of Licensee 009374. This is all new to him and he was assuming the Report of Licensee 009374 was in regards to a well.

Brian told me the park had a well drilled in approximately 1993, and it was put into use in 1995, according to his files. His file has it listed as " New Well, Pillar Well" . The Water Rights Branch has 2 dockets for Pinnacles National Monument (PINN) and neither are for a well. He will be sending, by mail, copies of information that deal with "New Well, Pillar Well".

I have faxed Brian a copy of License 009374, which he has no record of. He said he will check into whether water from Chalone Creek Underflow, as stated on the Report of Licensee, is currently being put to beneficial use by PINN and get back to me.

The question you had about "is this info complete" can be answered no, at this time. I am waiting for the park to get back to me.

United States Department of the Interior

NATIONAL PARK SERVICE
Pinnacles National Monument
5000 Highway 146
Paicines, California 95043-9770

IN REPLY REFER TO:

L54

March 21, 1997

**MEMORANDUM**

To: Acting Branch Chief, Water Rights Branch, Water Resources Division, Dan McGlothlin

From: Superintendent, Pinnacles National Monument

Subject: Report of Licensee, State of California, 1994, 1995, 1996

Reference: License Number 009374

As per our discussion, I have reviewed the Report of Licensee 1994, 1995, and 1996 and have completed the information blocks which my records will support.

In addition, the following information is provided to clarify the existing uses of water within the park.

The original license format indicates it is for the Bear Gulch Dam which was constructed in the early 1940's by the Civilian Conservation Corps. The original purpose was for the collection of water for domestic and fire protection uses.

In modern times, ie. 1960's and forward, the primary water source for the East District of Pinnacles National Monument has been ground water from well sources. It is likely that the dam structure supports the aquifer to some degree in providing this water.

As indicated in the cover letter from the California State Water Resources Board, the current state regulations have been amended to include the use of groundwater in lieu of water that the park is allowed to use under this appropriative right. (see attachment) There for, I have completed block 21 and block 22 on the license report to reflect actual consumption. *This figure represents usage from the East District Water System only and I question if the park should include the annual usage figures from the West District Water System as well to reflect a park wide total ground water requirement?

Chuck 3/25
For Denise ? Denise is this info complete? Chuck
This person (Strack) called on 3/21 and I asked him to send the info with any new info he could provide. For some reason, he didn't provide the original form (only a draft). I'm not sure what the gw conversion stuff is about, but it needs careful review (I think) Dan

Pinnacles National Monument has two geographically separate developed zones; each utilizing a ground water source for domestic and fire protection purposes. See attached map.

Please review this information and provide any comments or direction you feel appropriate in the completion on this report.

Thank you for your continued support of Pinnacles National Monument.

Brian Strach

Attachment (3)

*Cal/EPA*

**State Water Resources Control Board**

**Division of Water Rights**

Mailing Address:
P.O. Box 2000
Sacramento, CA
95812-2000

901 P Street
Sacramento, CA
95814
(916) 657-0441
FAX (916) 657-1485

Pete Wilson
*Governor*

NOTICE TO LICENSEE

Enclosed is your Report of Licensee form for 1994, 1995, and 1996.

You are reminded that one of the requirements under which you received your license was that "Reports shall be filed promptly by licensee on appropriate forms which will be provided for the purpose from time to time by the Board." Failure to complete and return this form may constitute noncompliance with the terms and conditions of your license.

Section 1011.5 of the Water Code has been amended to include the use of groundwater in lieu of water that you are allowed to use under your appropriative right. All such use is deemed equivalent to any reduction under your existing right, and for the purpose of maintaining your right is construed to constitute a reasonable beneficial use of water. If you wish to claim the use of groundwater as allowed under this section of the Water Code, please quantify this use under Item 22 of the attached report form.

Please complete the enclosed report form to the best of your knowledge and return it to this office promptly. Thank you for your cooperation.

Sincerely,

David R. Beringer

David R. Beringer
Program Manager
Licensing and Hearing Section

Enclosure

408 389-4485

RECEIVED

MAR 17 1997

PINNACLES NATIONAL MON.
PAICINES, CA 9504

State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. Box 2000 SACRAMENTO, CA 95812-2000
901 P STREET, SACRAMENTO, CA
(916) 657-1364 FAX: (916) 657-1485

A 0 0 8 9 6 9

# REPORT OF LICENSEE FOR 1994, 1995, 1996

COPY

DRAFT

**OWNER OF RECORD:** PINNACLES NATIONAL MONUMENT

**APPLICATION:** A008969

**LICENSE:** 009374

PINNACLES NATIONAL MONUMENT
1201 OAKRIDGE DR. STE 250
FORT COLLINS, CO 80525

**TELEPHONE NUMBER:**
(970) 225-3500

**IF OWNER'S NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.**

| SOURCE: | COUNTY: |
|---|---|
| CHALONE CREEK UNDERFLOW | SAN BENITO |

| PURPOSE: | DIVERSION/STORAGE SEASON: | ACRES/HP: |
|---|---|---|
| DOMESTIC | JAN 01 TO DEC 31 / | 0 AC |
| FIRE PROTECTION | JAN 01 TO DEC 31 / | 0 AC |

**AMOUNT:** 14100 GPD 0 AC-FT

**THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF YOUR LICENSE**

**IMPORTANT!** EVERY license is subject to the conditions therein. I have currently reviewed my license: YES [XX] NO [ ]. I am complying with the conditions of my license: YES [XX ] NO [ ]. Identify any noncompliance by license term number under "Remarks" on reverse side. This report is important in providing the record of use needed in maintaining your water right. It should be filled out carefully and returned promptly to the above-listed address.

THE PROJECT HAS BEEN ABANDONED, AND I REQUEST REVOCATION OF THE LICENSE: YES [ ].

**COMPLETE FOR DIRECT DIVERSION PROJECTS**

1. Have you used the full licensed amount of water each year? YES [XX] NO [ ].
2. State the quantity of water used each month in gallons or acre-feet (if not known, check months water was used).

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1994 | X | X | X | X | X | X | X | X | X | X | X | X | |
| 1995 | X | X | X | X | X | X | X | X | X | X | X | X | |
| 1996 | X | X | X | X | X | X | X | X | X | X | X | X | |

**COMPLETE FOR STORAGE PROJECTS**

| | 1994 | 1995 | 1996 |
|---|---|---|---|
| 3. Did your reservoir spill this year? | YES | YES | YES |
| 4. If not, how many feet below spillway vertically was the water level at maximum storage? | | | |
| 5. Have you emptied the reservoir? | NO | NO | NO |
| 6. How many feet below spillway vertically was it drawn down at end of season? | | | |

(Continues on reverse side)

1996

408 FAX
389-4489

**USE ( COMPLETE FOR ALL PROJECTS)** (see page 1 for year of use)

| | | | |
|---|---|---|---|
| 7. Acreage irrigated. . . . . | | | |
| 8. Stockwatering - number of stock. . . . . | 4 | 4 | 4 |
| 9. Domestic - number of persons. . . . . | 221,000/annual | same | same |
| garden area, etc. . . . . | | | |
| 10. Recreational - nature of use . . . . . | | | |
| 11. Industrial - nature of use . . . . . | | | |
| 12. Municipal - approximate population . . . . . | | | |
| 13. Power generation - K.W. . . . . | | | |
| 14. Other_____ | | | |

15. If no water was used in one or more years, briefly state the reason under "Remarks".
16. If the location of the point of diversion or place of use or type of use(s) has been changed and the permission of this Board has not yet been obtained, please describe nature of changes under "Remarks".

**PLEASE ANSWER ONLY THOSE QUESTIONS BELOW WHICH ARE APPLICABLE TO YOUR PROJECT.**

**CONSERVATION OF WATER**

17. Describe any water conservation efforts you may have started: Replacement of water distribution lines, reservoir control valves, and installation of low volume fixtures in public restrooms 1995/96
18. If credit toward beneficial use of water under this license for water not used due to a conservation effort is claimed under Section 1011 of the Water Code, please show the amounts of water conserved:
19___ _____(af/mg) 19___ _____(af/mg) 19___ _____(af/mg)

**WATER QUALITY AND WASTEWATER RECLAMATION**

19. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES [ ] NO [XX].
20. If credit toward use under this license through substitution of reclaimed water, desalinated water or polluted water in lieu of appropriated water is claimed under Section 1010 of the Water Code, please show amounts of reduced diversion and amounts of reclaimed water used: 19___ _____(af/mg) 19___ _____(af/mg) 19___ _____(af/mg)

**CONJUNCTIVE USE OF SURFACE WATER AND GROUNDWATER**

21. Are you now using groundwater in lieu of surface water? YES [XX] NO [ ]
22. If credit toward use under this license through substitution of groundwater in lieu of appropriated water is claimed under Section 1011.5 of the Water Code, please show the amounts of groundwater used:
1994 1.5mg/Annual (af/mg) 1995 0.385 mg/Annual (af/mg) 1996 0.42 /Annual (af/mg) Estimate, I am verifying this YR.

**REMARKS:** (Identify the item you are explaining. Additional pages may be attached.)

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief:

Date:_____ Sign Here: Brian Strack, Facility Manager
LICENSEE (OR AGENT OR DESIGNEE)

United States Department of the Interior

NATIONAL PARK SERVICE
Pinnacles National Monument
5000 Highway 146
Paicines, California 95043-9770

IN REPLY REFER TO:

L54

March 31, 1997

**MEMORANDUM**

To: National Park Service, Water Resources Division, Denise Newberry

From: Brian Strack, Pinnacles National Monument

Subject: Water and Well Documents

Reference: Report of Liscensee, CA 009374

Attached are copies of the documents supporting the development and use of the new well in Chalone, which provides the primary water source for the East District of the Monument.

Should you require further information please feel free to contact Brian Strack, Facility Manager, at (408) 389-4485 ext 242.

Thank you for your attention to this matter.

Brian Strack

attachment

cc. Chief, Resources Management, PINN

# United States Department of the Interior

NATIONAL PARK SERVICE
Water Resources Division
1201 Oak Ridge Drive, Suite 250
Fort Collins, Colorado 80525

IN REPLY REFER TO:

December 2, 1993

L54 (479)
PINN/General

Memorandum

To: Superintendent, Pinnacles National Monument

From: William Werrell, Hydrologist, Water Operations Branch

Subject: Appreciation for Coordination in Test Well Drilling

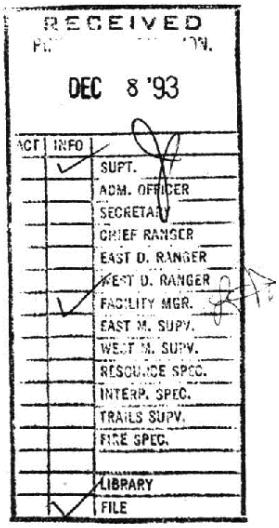
This is to express appreciation for the work provided by Larry Harris of your staff during the recent test well drilling project. His efforts in working with the various contractors and acquiring direct data have resulted in a successful well. It is my pleasure to coordinate and support such efforts.

Attached are copies of supporting materials that I have prepared for our permanent files.

William Werrell

Attachment

cc: WR - Kolipinski (w/o attachments)



PINNACLES NATIONAL MONUMENT

Well 16 S / 7 E - 1 G1

NOTE TO THE FILES

On August 4, 1992 I met with Larry Harris, Chief of Maintenance at the park to discuss new State of California standards for public water supplies, review our present wells, and evaluate the feasibility of drilling a new well. See my trip report of March 10, 1993.

Funding for study/drilling were made available to the park from the region and Mr. Harris and I began dialogue on options. I telephoned Thomas Dibblee, retired author of USGS published geologic quads, to inquire if he would be available to better determine the location of the Chalone Creek fault. He is unable to do the work due to poor health. Mr. Harris then contacted the USGS, Geologic Division at Menlo Park and learned that they were interested in doing such work but could not schedule the work this year. We then began to focus on a geophysical examination. Mr. Harris located a nearby contractor and prepared a contract which I reviewed. The contractor's report: Fred Conwell, August 23, 1993, Results of Geological Survey Investigation at Pinnacles National Monument, provided information which allowed us to select a drilling site in sediments as far to the west as possible. This is desirable to save on pipeline construction costs. Mr. Harris prepared well drilling specifications and I reviewed them.

The well drilling contract was awarded to Rauch Drilling Co., Templeton, CA. Drilling at a first site was stopped after some 15 foot depth due to the presence of large cobbles which were loose and continued to move, preventing drilling. The site was abandoned and a new boring started some 36 yards, N 55 W. Although the first few feet of drilling was difficult due to loose materials, more consolidated material was soon encountered and drilling was completed to 300 feet during the afternoon of September 13, 1993. I had arrived and recommended we drill an additional 20 feet due to the uncertainty of the water level. This was done. The well had been fully drilled that day.

Mr. Harris and I briefly examined the well cuttings. No distinctive stratigraphic breaks were seen. Cuttings included some particles with rounded surfaces, indicating weathering and sedimentary transport and deposition. The formation is described as a fanglomerate by Conwell. The driller reported that drilling had gone smoothly with only slight hardness at places. He reported no change in formations and called it a conglomerate. I note that this does not coincide with his presented driller's log on the State of California, Well Completion Report where his descriptions state the material was granite. The material drilled was not a solid granite mass as would be drilled at YOSE or SEQU.

The following day all the foam of the drilling process had disseminated. Mr. Harris and I made several telephone calls to the driller in negotiating specifications to complete the well. The driller reported that casing the upper portion of the well could be difficult due to the loose, unconsolidated material which would tend to "cave-in".

Mr. Harris conducted the aquifer test on October 6, 1993. An initial pumping period of 2 hours and 3 minutes at 15 gallons per minute resulted in 22 feet of drawdown, about half occurring in the first 3 minutes. The well was allowed to recover for 2 hours. The well was then pumped at a rate of 40 gallons per minute for 20 hours resulting in a total drawdown of 84 feet. After 15 minutes of recovery the residual drawdown was only 8 feet. Considering the aquifer characteristics of conglomerates, the well should have "developed" as silts and fine sand were pumped out.

William Werrell
Hydrologist, Water Resources Division, NPS
December, 1993

Pinnacles National Monument
16S/7E-16J

FORM NO. 9-1904-A
Revised February 1987

Coded by William Werrell, Water Resources Div., NPS  File Code
Checked by  Date
Entered by

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

GROUND-WATER SITE SCHEDULE
General Site Data

AGENCY CODE (C4): NPS / USGS  SITE ID (C1): 362858121093301  PROJECT NO. (C5):

STATION NAME (C12):

LATITUDE (C9): 362858  LONGITUDE (C10): 1210933  LAT-LONG ACCURACY (C11): (S) F T M  (S = sec, F = 5 sec, T = 10 sec, M = min)

DISTRICT (C6):  STATE (C7): CA / 06  COUNTY or TOWN (C8): San Benito  County code: 069

LAND NET (C13): 2 c b d NW SW NE S1 T17S R7E  (¼ ¼ ¼ section township range meridian)

LOCATION MAP (C14): NORTH CHALONE PEAK  MAP SCALE (C15): 24000

ALTITUDE (C16): 1000.  METHOD OF MEASUREMENT (C17): A L (M)  (A = altimeter, L = level, M = map)  ACCURACY (C18): 20  HYDROLOGIC UNIT CODE (C20): 18060005

DRAINAGE BASIN CODE (C801):  TOPOGRAPHIC SETTING (C19): A B C D E F G H K L M O P S (T) U V W
(A alluvial fan, B playa, C stream channel, D depression, E dunes, F flat, G flood plain, H hilltop, K sinkhole, L lake or swamp, M mangrove swamp, O offshore, P pediment, S hillside, T terrace, U undulating, V valley flat, W upland draw)

AGENCY USE (C803): A I O (active, inactive, inventory only)  DATE INVENTORIED (C711): 09 - 14 - 1993 (month - day - year)  STATION TYPE (C802) (Place a "Y" in the appropriate box): Y (well)

DATA TYPE (C804) (Place an "A" (active), an "I" (inactive), or an "O" (inventory) in the appropriate box):
WL cont., WL int., QW cont., QW int., State water use

INSTRUMENTS (C805) (Place a "Y" in the appropriate box):
digital recorder, graphic recorder, telemetry land line, telemetry radio, telemetry satellite, AHDAS, deflection meter, bubble gage, CR type recorder, weighing rain gage, tipping bucket rain gage

REMARKS (C806):

## GROUND-WATER SITE DATA

DATA RELIABILITY (C3): field checked | poor location | minimal data | unchecked

SITE TYPE (C2): collector | drain | excavation | sinkhole | connector well | multiple wells | outcrop | pond | tunnel | well | test hole

DATE OF CONSTRUCTION (C21): 09 (month) - 14 (day) - 1993 (year) end of drilling

USE OF SITE (C23): anode | standby, emer. supply | drain | geothermal | seismic | heat reservoir | mine | observation | oil or gas | recharge | representative | test | unused | withdrawal | waste | destroyed

SECONDARY USE OF SITE (C301) (SEE USE OF SITE) | TERTIARY USE OF SITE (C302) (SEE USE OF SITE)

USE OF WATER (C24): A air cond. | B bottling | C commercial | D dewater | E power | F fire | H domestic | I irrigation | J industrial cooling | K mining | M medicinal | N industrial | P public supply | Q aquaculture | R recreation | S stock | T institutional | U unused | Y desalination | Z other

SECONDARY USE OF WATER (C25) (SEE USE OF WATER) | TERTIARY USE OF WATER (C26) (SEE USE OF WATER)

AQUIFER TYPE (C713): U unconfined, single | N unconfined, multiple | C confined, single | M confined, multiple | X mixed

PRIMARY AQUIFER (C714):

HOLE DEPTH (C27): 320 . | WELL DEPTH (C28): 320 .

SOURCE OF DEPTH DATA (C29): A other gov't. | D driller | G geologist | L logs | M memory | O owner | R other reported | S reporting agency | Z other

WATER LEVEL (C30): 140 . 8

DATE WATER LEVEL MEASURED (C31) (Mandatory if C30, water level, has a value): 10 (month) - 06 (day) - 1993 (year)

METHOD OF WATER-LEVEL MEASUREMENT (C34): A airline | B analog | C calibrated airline | E estimated | G pressure gage | H calibrated press. gage | L geophysical logs | M manometer | N non-rec. gage | R reported | S steel tape | T electric tape | V calibrated elec. tape | Z other

SITE STATUS FOR WATER LEVEL (C37): D dry | E recently flowing | F flowing | G nearby flowing | H nearby recently flowing | I injector site | J injector site monitor | N measurement discon. | O obstruction | P pumping | R recently pumped | S nearby pumping | T nearby recently pumped | V foreign substance | W well destroyed | X surface water effects | Z other

SOURCE OF WATER-LEVEL DATA (C33): A other gov't. | D driller | G geologist | L logs | M memory | O owner | R other reported | S reporting agency | Z other

## CONSTRUCTION DATA

RECORD TYPE (C754): CONS | RECORD SEQUENCE NO. (C723): | DATE OF CONSTRUCTION (C60): 09 (month) - 14 (day) - 1993 (year)

NAME OF CONTRACTOR (C83): RAUCH — Rauch Drilling Co, P.O. Box 524, Templeton, CA

SOURCE OF DATA (C64): A other gov't. | D driller | G geologist | L logs | M memory | O owner | R other reported | S reporting agency | Z other

METHOD OF CONSTRUCTION (C65): A air-rotary | B bored or augered | C cable tool | D dug | H hydraulic rotary | J jetted | P air percussion | R reverse rotary | T trenching | V driven | W drive wash | Z other

TYPE OF FINISH (C66): C porous concrete | F gravel w/perf. | G gravel screen | H horiz. gallery | O open end | P perf. or slotted | S screen | T sand point | W walled | X open hole | Z other

TYPE OF SEAL (C67): B bentonite | C clay | G cement grout | N none | Z other

BOTTOM OF SEAL (C68): 150

METHOD OF DEVELOPMENT (C69): A air-lift pump | B bailed | C compressed air | J jetted | N none | P pumped | S surged | Z other

HOURS OF DEVELOPMENT (C70):

SPECIAL TREATMENT (C71): C chemicals | D dry ice | E explosives | F deflocculent | H hydrofracturing | M mechanical | Z other

## DISCHARGE DATA

RECORD SEQUENCE NO. (C147)

DATE DISCHARGE MEASURED (C148) ___ - ___ - 19__ (month - day - year)

TYPE OF DISCHARGE (C703) ___ (P pumped, F flow)

DISCHARGE (gpm) (C150) _____ . _

SOURCE OF DATA (C151): A other government, D driller, G geologist, L logs, M memory, O owner, R other reported, S reporting agency, Z other

METHOD OF DISCHARGE MEASUREMENT (C152): A accoustic meter, B boiler, C current meter, D Doppler meter, E estimated, F fluma, M totaling meter, O orifice, P pitot-tube meter, R reported, T trajectory, U venturi meter, V volumetric meas., W weir, Z other

PRODUCTION WATER LEVEL (C153) _____ . _

STATIC WATER LEVEL (C154) _____ . _

SOURCE OF DATA (C155): A other government, D driller, G geologist, L logs, M memory, O owner, R other reported, S reporting agency, Z other

METHOD OF WATER LEVEL MEASUREMENT (C156): A airline, B analog, C calib. airline, E estimated, G pressure gage, H calib. pressure gage, L geophysical logs, M manometer, N non-rec. gage, R reported, S steel tape, T electric tape, V calib., elec. tape, Z other

PUMPING PERIOD (C157) _____ . _

SPECIFIC CAPACITY (C272) _____ . _

DRAWDOWN (C309) _____ . _

## GEOHYDROLOGIC DATA

RECORD TYPE (C748) GEOH

RECORD SEQUENCE NO. (C721) ___

DEPTH TO TOP OF UNIT (C91) _____ . _

DEPTH TO BOTTOM OF UNIT (C92) _____ . _

UNIT IDENTIFIER (C93) _____

LITHOLOGY (C96) ____

CONTRIBUTING UNIT (C304): P principal aquifer, S secondary aquifer, N no contribution, U unknown

LITHOLOGIC MODIFIER (C97)

## GEOHYDROLOGIC AQUIFER DATA

RECORD TYPE (C750) AQFR

RECORD SEQUENCE NO. (C742) ___

SEQUENCE NO. OF PARENT RECORD (C256) ___

DATE (C95) ___ - ___ - 19__ (month - day - year)

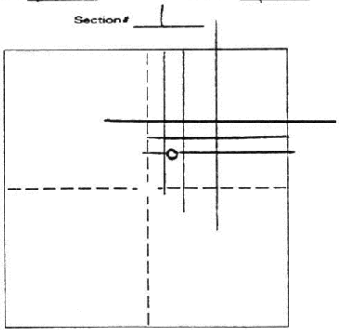
STATIC WATER LEVEL (C126) _____ . _

CONTRIBUTION (C132) ____

## SITE LOCATION SKETCH AND DIRECTIONS

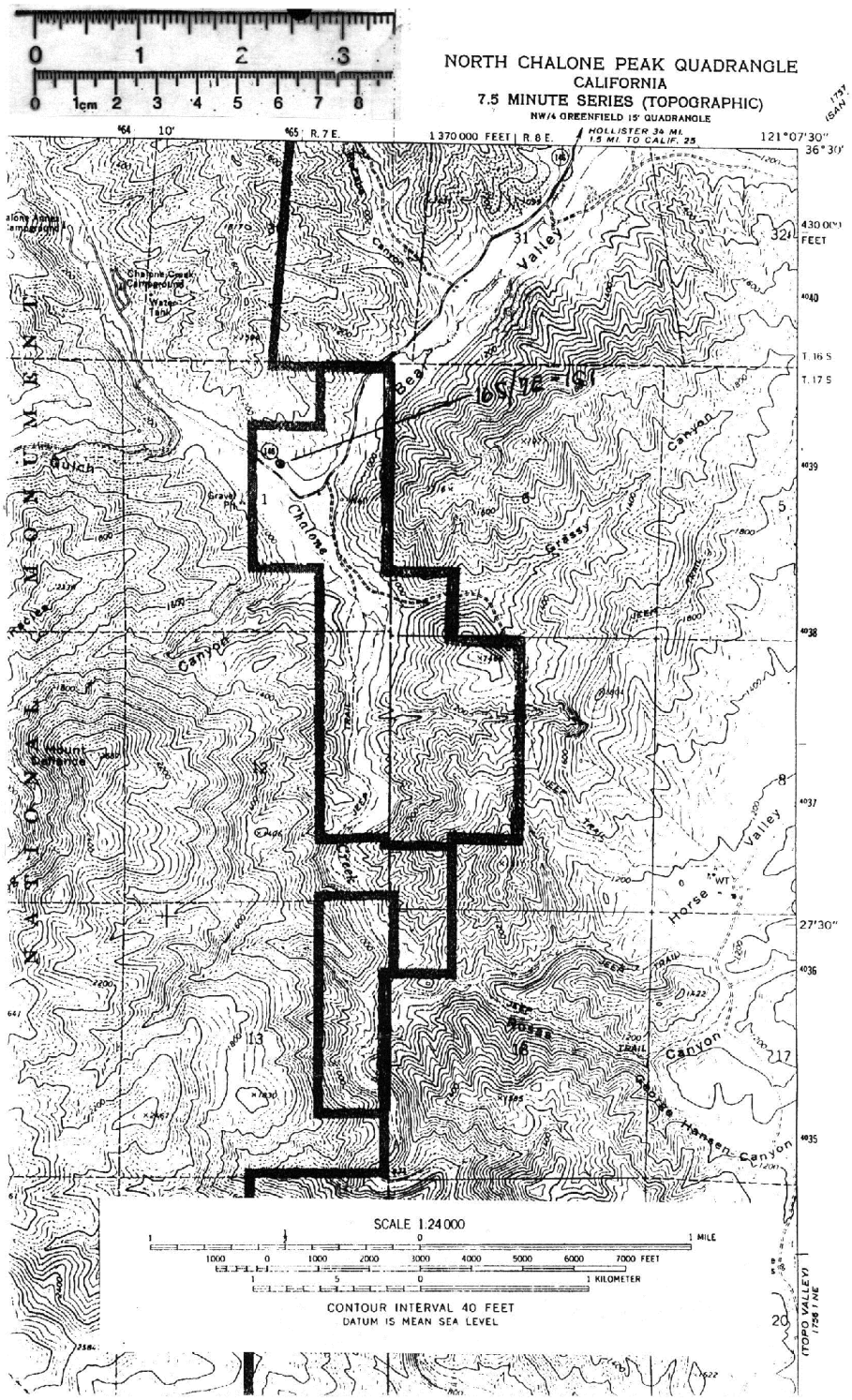
Township 17S Range 7E

Section# 1

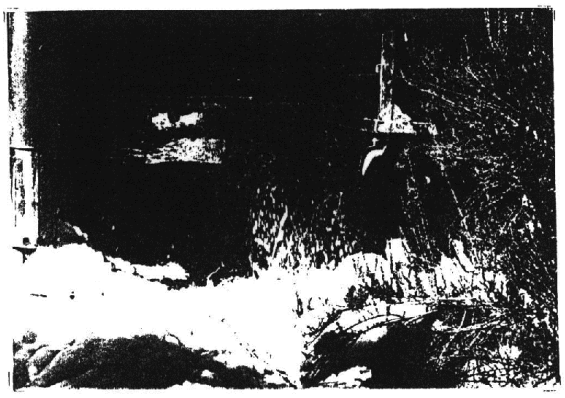


☆ U.S. GOVERNMENT PRINTING OFFICE: 1987 - 174-808 - 814/60137

00-00-0000: topographical map of north chalone peak quadrangle



Pinnacles National Monument
16 S/ 7 E - 1 G1



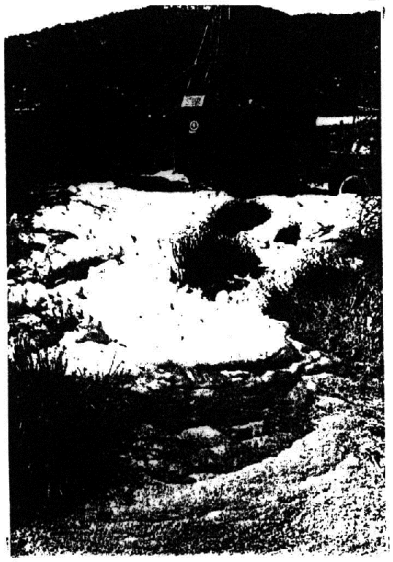
Close-up of well casing at center of photo, showing water being blown from the hole as a test of well yield upon completion of drilling. Well was blown from depths of 320 feet and 220 feet. The yield was the same, being about 2 gallons per 2 or 3 seconds as seen some 10 feet from the well.

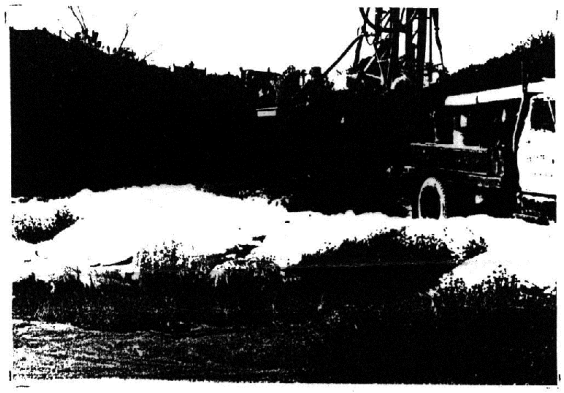


Looking East from road to Visitors Center. Well derrick is barely visible as light object at center of photo.

Photos by William Werrell, Water Resources Division, NPS
Photos of September 13, 1993

Pinnacles National Monument
16 S/ 7 E - 1 G1





Both photos showing drilling rig and foam associated with the drilling immediately after drilling has ended.

Photos by William Werrell, Water Resources Division, NPS
Photos of September 13, 1993

Pinnacles National Monument
16 S/ 7 E - 1 G1



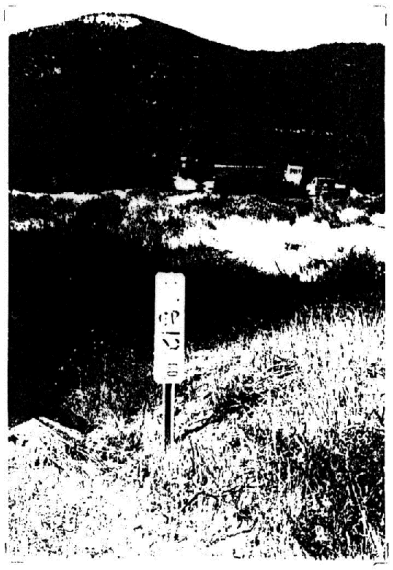
Looking N 55 W, showing the first attempted boring in the foreground and the completed boring/well in the background. The distance between the two is about 36 yards, as paced off. The first boring was abandoned due to large cobbles encountered in drilling.

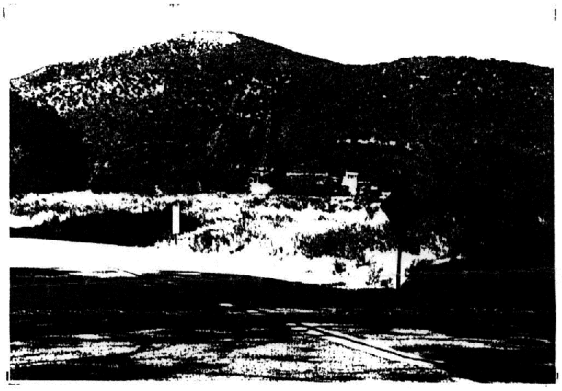



Driller's truck.

Photos by William Werrell, Water Resources Division, NPS
Photos of September 13, 1993

Pinnacles National Monument
16 S/ 7 E - 1 G1

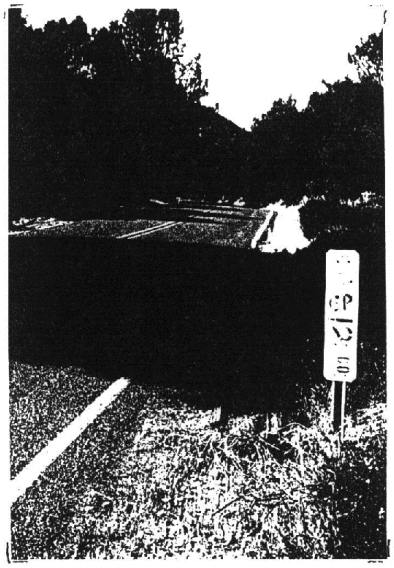




Both photos, looking North. Foam used in the drilling process can be seen by the drilling rig. Reference road marker is seen.

Photos by William Werrell, Water Resources Division, NPS
Photos of September 13, 1993

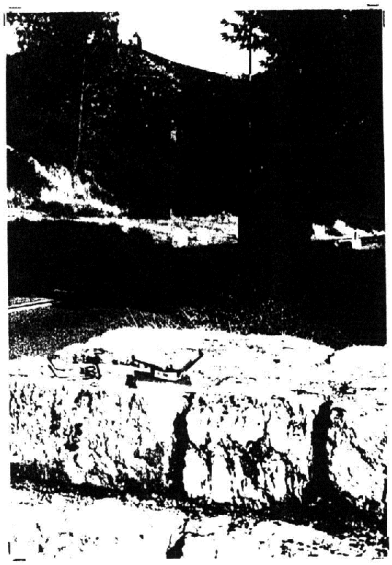
Pinnacles National Monument
16 S/ 7 E - 1 G1



Looking NW showing entrance road and road marker used as a reference in other photos.

Photo by William Werrell, Water Resources Division, NPS
Photo of September 13, 1993

Pinnacles National Monument
16 S/ 7 E - 1 G1



Looking S 74 E, well derrick is seen protruding from trees in upper center of photo. Park entrance station and entrance road is seen at center of photo. Rock masonry work in the foreground marks the old park boundary.

Photos by William Werrell, Water Resources Division, NPS
Photo of September 13, 1993

F CALIFORNIA—HEALTH AND WELFARE AGENCY
ARTMENT OF HEALTH SERVICES
CE OF DRINKING WATER
ERKELEY WAY, ROOM 113
LEY, CA 94704
540-2154
10) 540-2181

COPY

PETE WILSON, Governor

# ENGINEERING REPORT

**In the Matter of the Permit Application**

**From**

United States Department of the Interior
National Park Service
Serving Pinnacles National Monument-East District
San Benito County

**Report Prepared By**

Raymond K. Mah
Project Engineer

RECEIVED
SEP 26 1995
PINNACLES NATIONAL MON.
PAICINES, CA 95043

**Approved By**

Catherine S. Ma, P.E.
District Engineer

**Date**

August 1995

DRINKING WATER FIELD OPERATIONS BRANCH

TATE OF CALIFORNIA—HEALTH AND WELFARE AGENCY
DEPARTMENT OF HEALTH SERVICES
OFFICE OF DRINKING WATER
151 BERKELEY WAY, ROOM 113
ERKELEY, CA 94704
510) 540-2154
AX (510) 540-2181

PETE WILSON, *Governor*

September 20, 1995

Mr. Gary Candelaria, Superintendent
Pinnacles National Monument
5000 Highway 146
Paicines, CA 95043

**WATER SYSTEM NUMBER 3510501**
**WATER SUPPLY PERMIT 02-05-95P3510501**

Dear Mr. Candelaria:

The application for an amended water supply permit for the subject water system has been considered by the State Department of Health Services. The application was made in accordance with Section 4011 of the California Health and Safety Code.

It is the Finding of the State Department of Health Services that Section 4010 through 4039.5, inclusive, of the California Health and Safety Code can be met by the water system. It is recommended, therefore, that a domestic water supply permit be granted to the U.S. Department of the Interior, National Park Service to continue the operation of the Pinnacles National Monument-East District water system, subject to the following provisions:

1. The water system shall comply with all state laws applicable to public water systems, including, but not limited to, Division 5, Part 2, Chapter 7 of the California Health and Safety Code and any regulations, standards, or orders adopted thereunder.

2. A program for the protection of the domestic water system against possible backflow from premises having dual or unsafe water systems shall be maintained in accordance with the cross connection regulations of the California Code of Regulations, Title 17, Section 7583 through 7605.

3. Bacteriological and chemical tests shall be performed in compliance with the California Code of Regulations, Title 22, Chapter 15, and in accordance with the requirements of the Department.

   The monitoring requirements include, but are not limited to, the following source sampling:

   a.) Annual nitrate monitoring.
   b.) Nitrite monitoring once every three (3) years.

4. The water system shall submit to the Department an annual report on the status and condition of the system as directed by the Department.

5. Once Well 4 (Pillar Well) is supplying water to the distribution system, the Chalone Creek Well shall be permanently disconnected from the system. Thereafter, the only approved drinking water

supply source serving the system is Well 4, or Pillar Well. Any other source connecting to the system shall have prior approval by the Department.

6. The water system's only type of treatment is hypochlorination. Any changes in treatment shall have prior approval by the Department.

If you have any questions concerning this permit, please contact me at (510) 540-2160.

Sincerely,

Catherine S. Ma, P.E., Chief
North Coastal Region
Drinking Water Field Operations Branch

Encl.

C: San Benito County Health Department

STATE OF CALIFORNIA

DEPARTMENT OF HEALTH SERVICES

# Water Supply Permit

***The State Department of Health Services Hereby Grants Permission To***

*U.S. Department of the Interior - National Park Service*

***To Furnish or Supply Water for Domestic Purposes To***

*Pinnacles National Monument-East District, San Benito County*

***This Permit Becomes Effective*** *September 20, 1995*

*and is granted subject to the provisions of Division 5, Part 1, Chapter 7 of the Health and Safety Code of the State of California and the Department of Health Services letter of* *September 20, 1995*.

**Water Permit No.** *02-05-95P3510501*

*Chief, North Coast Region*
*Drinking Water Field Operations Branch*

93 22614

09-20-1995: water permit no. 02-05-95p3510501

ENGINEERING REPORT

For Consideration of the Permit Application
From
United States Department of the Interior
National Park Service
Serving Pinnacles National Monument-East District
San Benito County
August 1995

Drinking Water Field Operations Branch
State Department of Health Services
Raymond K. Mah, Project Engineer

## I. INTRODUCTION

### A. Purpose of Report

Application was made by United States Department of the Interior, National Park Service, received May 1, 1995 and filed on August 16, 1995, for an amended water supply permit for the Pinnacles National Monument-East District water system (see Vicinity and Site Map in appendix). The system, classified as a noncommunity public water system, has drilled a new well to replace the existing Chalone Creek Well that was determined to be under the influence of surface water. The new well, along with a new hypochlorination system and distribution piping, will be connected to the existing system in the near future. Section 4013 of the California Health and Safety Code requires that upon receipt of a completed permit application, the State Department of Health Services (Department) shall make a thorough investigation of the proposed or existing plant, works, system, or water supply, and all other circumstances and conditions which it deems material. The purpose of this report is to document the Department's investigation and to make a recommendation regarding permit action to be taken by the Department.

### B. Brief Description of the System.

The existing Pinnacles National Monument-East District water system consists of one well, hypochlorination treatment, and two storage reservoirs. A new well has been drilled and developed in August 1993. This new well, designated as Well 4, will replace the existing well source once a new distribution line is connected to the well. The reason for the abandonment of the existing well is because it was determined to be groundwater under the direct influence of Chalone Creek.

The water system serves a national park that is heavily visited throughout the year. In addition to serving visitors, the system serves several park employee residences.

## II. INVESTIGATION & FINDINGS

### A. Source of Information

-Permit application package.
-Department files.
-Site inspection, August 17, 1995.
-Mr. Darrel Chambers.

### B. Groundwater Source

The park's current potable water supply is from an existing well that was drilled in December, 1968 to a depth of 35 feet. The well is identified as Well 16 S/7E - 35 R2 and was a replacement well for a previous well (Well 16 S/7E - 35 R1). The well has a 24-inch steel

casing rising 4 feet above a concrete surface seal with no annular seal. The well is equipped with a submersible pump. The entire well is enclosed in a rock and concrete structure (Ø5 feet x 4.5 feet high) with a locked steel cover.

Moreover, the well is located within the banks of Chalone Creek. Chalone Creek is a shallow creek that is dry during the summer season. During heavy storm events and high runoff periods the creek's water level will usually reach the well's enclosure.

In 1992, the Department designated the well as under the direct influence of Chalone Creek. This determination was supported by data from a sampling plan comparing the well's water quality parameters with that of Chalone Creek for several months. Essentially, there was a relationship in turbidity of the well and the creek. The well's turbidity increased following an increase in creek turbidity.

As a result of the Well's (Well 16 S/7E - 35 R2) surface water influence, the system has opted to construct a new well in lieu of providing surface water treatment facilities in accordance with Surface Water Filtration and Disinfection Regulations. This new well was completed in August 1993 and is designated as Well 4, or the Pillar Well.

Well 4 was completed to a depth of 320 feet with a 6-inch steel casing and a 10-inch plastic PVC conductor casing extending to 60 feet depth. Casing perforations extend from 240 to 320 feet deep in what is characterized as hard and broken granite rock (see Well Driller's Log in appendix). The wellhead is protected by a concrete sanitary surface seal and an annular seal extends to a depth of 70 feet. The yield of the well is estimated to be 60 gpm. Currently, the well is equipped with a 40 gpm submersible pump, however the discharge line is not plumbed to the distribution system. A 6-inch distribution line is proposed. In addition, Well 4 will be housed in a small building.

Another well exists within the park that supplies nonpotable water to the YACC Center building via a hydropnuematic bladder tank and a 4-inch pipe line. This well is known as the YACC Well, or Well 17 S/7E - 1 F1. There is no record, or Well Driller's Report, that indicates the depth of the subsurface characteristics of the well. The well is housed in a locked wood structure. The potable water system is not connected to the YACC Well or its water line. SPARE

Both the existing well and the YACC Well lie within the wide flood plain of Chalone Creek.

C. Treatment

The existing and proposed system uses disinfection. The existing system's hypochlorination facilities are in the pump house. The system consists of a 3 gallon per day capacity electronic metering pump and plastic 30 gallon solution crock. The metering pump injects a sodium hypochlorite solution when the well is signaled on. Operators try to maintain a free chlorine residual of 0.2 to 0.5 mg/L in the distribution system.

The proposed system will abandon the existing pump house. Hypochlorination facilities will be relocated to the new Well 4 building and will be similar to the existing system. However, the metering pump will be operated by a flow sensor connected at the discharge of the well.

The YACC Well also has hypochlorination facilities consisting of a metering pump and plastic solution crock.

A spare metering pump and related parts are available to prevent a long-term outage of the disinfection system.

D. Distribution System

The existing well discharges directly to a pump house where a booster pump lifts water to fill either storage tanks. The booster pump discharge line bifurcates into two 4-inch cast iron (CI) pipes. Each line has a production meter and appropriate valving that includes a pneumatic valve that is connected to a control panel. One line discharges to the distribution main terminating at a 20,000 gallon welded steel tank, while the other line terminates at the 60,000 gallon welded steel tank (see Water System Schematic in appendix). The control panel timer signals the booster pump to fill one storage tank at a time. The timer also

controls the length of the pump cycle. Generally, water levels in the storage tanks are checked daily by an operator.

The new well, however, will have a submersible pump that is sized to deliver water directly into the distribution system and subsequently fill both tanks. In addition, the new system will have the operation of the well controlled by the water level in the 60,000 gallon storage tank.

Moreover, the proposed changes in the distribution system will have a new 6-inch plastic PVC main (about 3,200 linear feet) connecting to the existing 4-inch distribution main. The 6-inch line will be laid along Entrance Road and connect to the existing distribution system at the intersection of Road A and F. The 60,000 gallon welded steel tank lies near the terminus of Road A near the Bear Gulch Visitors Center at a base elevation of 1,403 feet (above sea level). Whereas, the distribution line to the 20,000 gallon welded steel tank runs along Road F near the Chalone Creek Developed Area at a lower elevation with the tank base at 1,135 feet. The existing well's elevation (wellhead) is at 1,011 feet, while Well 4 is 975 feet. Well 4 lies downstream and north of Chalone Creek.

Since the 60,000 gallon tank is higher in elevation than the 20,000 gallon tank, it is likely that the existing pump house will house an automatic control valve to isolate the two pressure zones.

Distribution pressures range from about 58 to 177 pounds per square inch (psi). Higher pressures will be found from the pressure zone served by the 60,000 gallon tank.

E. Area Served

The water system serves 15 buildings consisting of visitor and park administration/maintenance facilities, and employee residences. Visitor facilities include restrooms, drinking fountains, and picnic day-use areas. There are about 10 residential buildings served by the system. However, the system serves less than 25 year-round resident employees.

Historical usage of the entire park has determined that visitors have numbered upwards of 200,000 per year. Generally, the spring months have the highest number of visitors. The majority of the visitors enter through the East District, however, the West District is accessible through trails. For 1994, total water produced from both East and West District water systems was 1.5 million gallons. Similarly, maximum month and maximum day production was 197,000 gallons and 6,000 gallons, respectively.

The East District's wastewater collection system is treated by two septic systems located near Bear Gulch Area and the Chalone Creek Area.

F. Water Quality

Well 4's water quality is generally satisfactory. The well was sampled in January, 1994 (see results in appendix) for primary inorganic and secondary water quality standards. All constituents analyzed were below current drinking water standards, with the exception of iron. An iron concentration of 0.4 mg/L is slightly above the Secondary Maximum Contaminant Level (SMCL) of 0.3 mg/L.

The watershed, which is a significant recharge area for the wells can be classified as pristine. No other developments are nearby except for a private campground located east of the park boundary.

G. Operation and Maintenance

The water system is currently operated by personnel that are certified as Water Treatment Plant Operator. The Department requires that the system's chlorination facilities is under the responsibility of a minimum grade one Water Treatment Plant Operator.

General duties performed for the water system include taking daily free chlorine residuals, checking storage tank water levels, mixing chlorine solution, and recording production meter readings.

A cross-connection control program was adopted in May 1994 (see appendix for details of program).

H. Bacteriological Sampling

The system's current sample siting plan is dated September 13, 1995 (see appendix). The plan states that the distribution system is sampled twice per week, one from each pressure zone, for bacteriological quality.

I. Emergency Notification Plan

The system's current water quality emergency notification plan is dated September 13, 1995. The plan states that notification of water users will be by distribution of notices to each residence and posting of notices for visitors. The plan is found in the appendix.

## III. APPRAISAL OF SANITARY HAZARDS AND SAFEGUARDS

Drinking water produced by the new well meets current drinking water standards for a noncommunity system. Although, the well does produce water that is slightly above the SMCL for iron. High iron in water is not known to cause any adverse health affects, however it may impart an objectionable aesthetic and taste problem. Moreover, it is likely chlorine will oxidize iron which may cause some iron to settle out of solution and deposit in distribution piping. If this poses to be a problem, routine flushing of the system will be required.

One significant cross-connection hazard is from the YACC Well since this source is not an approved drinking water source. The system should continue to ensure that no piping will be connected between each source.

The system is operated in a diligent and satisfactory manner. The system should be able to consistently serve potable drinking water to its users.

## IV. RECOMMENDATION

It is the Finding of the State Department of Health Services that Section 4010 through 4039.5, inclusive, of the California Health and Safety Code can be met by the water system. It is recommended, therefore, that a domestic water supply permit be granted to the U.S. Department of the Interior, National Park Service to continue the operation of the Pinnacles National Monument-East District water system, subject to the following provisions:

1. The water system shall comply with all state laws applicable to public water systems, including, but not limited to, Division 5, Part 2, Chapter 7 of the California Health and Safety Code and any regulations, standards, or orders adopted thereunder.

2. A program for the protection of the domestic water system against possible backflow from premises having dual or unsafe water systems shall be maintained in accordance with the cross connection regulations of the California Code of Regulations, Title 17, Section 7583 through 7605.

3. Bacteriological and chemical tests shall be performed in compliance with the California Code of Regulations, Title 22, Chapter 15, and in accordance with the requirements of the Department.

   The monitoring requirements include, but are not limited to, the following source sampling:

   a.) Annual nitrate monitoring.

   b.) Nitrite monitoring once every three (3) years.

4. The water system shall submit to the Department an annual report on the status and condition of the system as directed by the Department.

5. Once Well 4 (Pillar Well) is supplying water to the distribution system, the Chalone Creek Well shall be permanently disconnected from the system. Thereafter, the only approved drinking water supply source serving the system is Well 4, or Pillar Well. Any other source connecting to the system shall have prior approval by the Department.

6. The water system's only type of treatment is hypochlorination. Any changes in treatment shall have prior approval by the Department.

Report prepared by:

Raymond K. Mah
*Sanitary Engineer*

Report reviewed by:

Catherine S. Ma, P.E., Chief
*North Coastal Region*

Pinnacles National Monument-East District
System No. 3510501

# APPENDIX

- Permit Application
- Vicinity Map
- Site Map
- System Schematic-Existing System
- Well 4 (Pillar Well) Well Driller's Log
- Well 4 Initial Water Quality Analyses
- Cross-Connection Control Program
- Sample Siting Plan
- Emergency Notification Plan
- Data Sheets

STATE OF CALIFORNIA

DEPARTMENT OF HEALTH SERVICES

*pplication from* PINNACLES NATIONAL MONUMENT System # 35-500

*To the Department of Health Services*
*Sanitary Engineering Branch*
*714 P Street*
*Sacramento, CA 95814*

Pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Water and Water Systems of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application is hereby made for a permit to

This application represents a request to complete construction of a new well (installation

Applicant must state specifically what is being applied for--whether to construct new works, to use existing works, to

of new pump) and construction of 7/10th mile of new distribution line to connect to

make alterations or additions in works or sources. Note Section 4012, H&S Code regarding information to be submitted

existing system. This project will include the abandonment of existing well and

on application. Additional sheets may be attached.

installation of all new pump and storage tank controls and disinfection (CL2) system. New controls

will consist of automatic water level sensors and ON/OFF/AUTO pump and chlorination

equipment.

Dated April 28, 19 95

By Larry Harris

Affix Official Seal Here

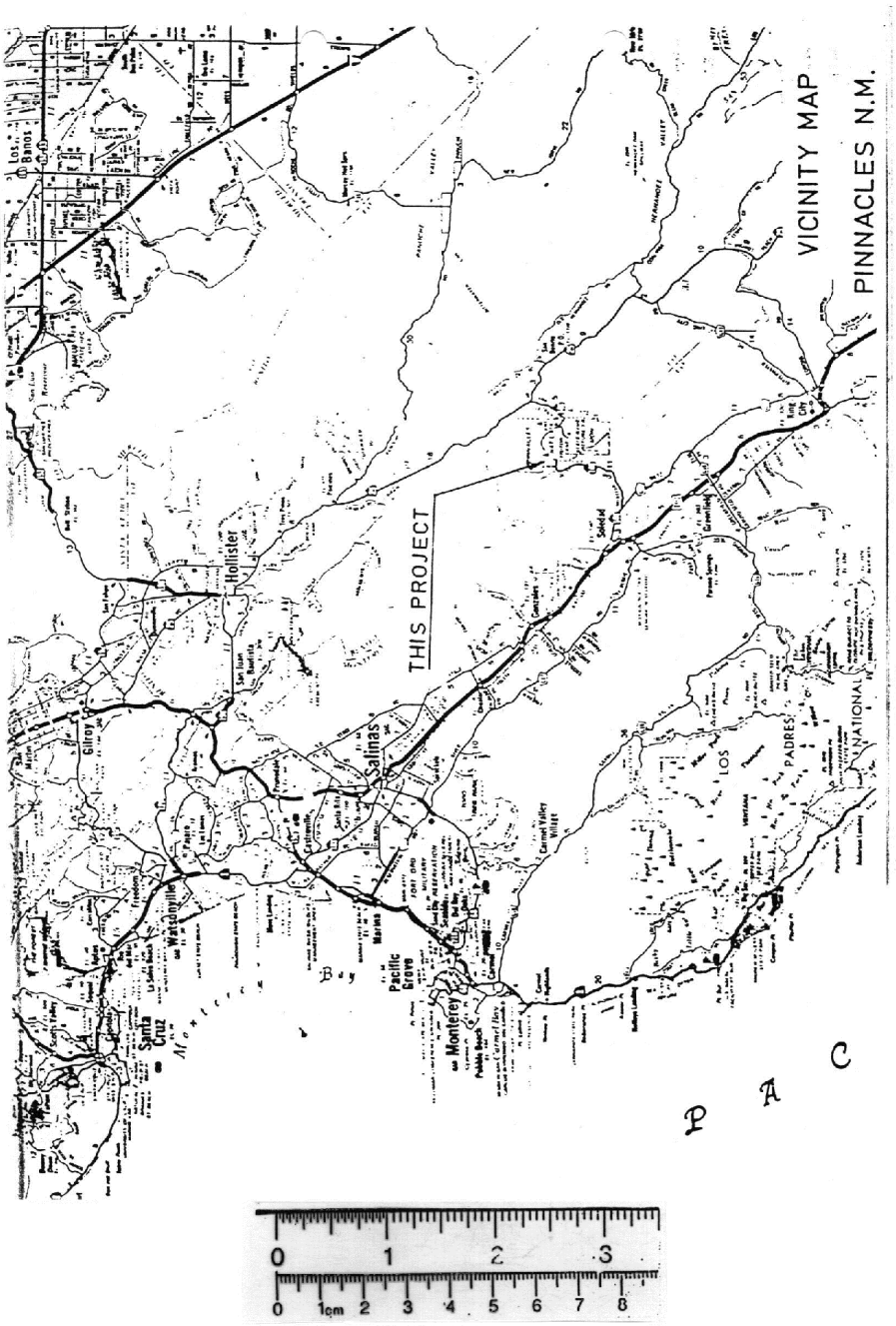
Title Facility Manager

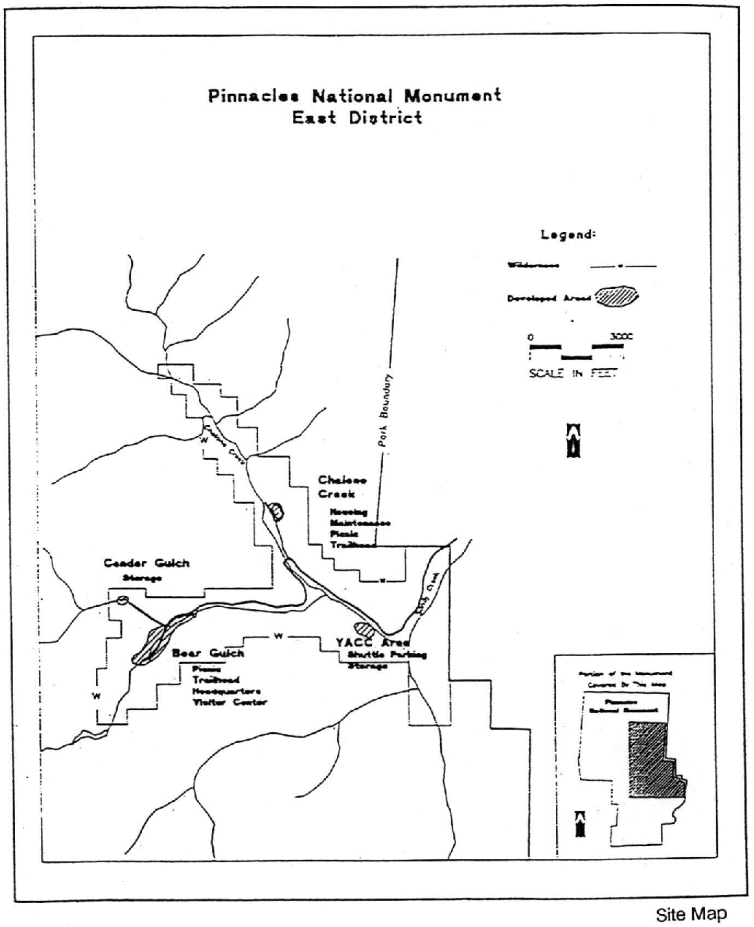
Address 5000, Hwy 146

Pacines, Ca. 95043

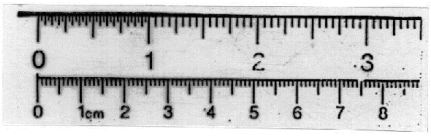
EH 100 (9-86)

00-00-0000: vicinity map




Pinnacles National Monument
East District
Legend:
Developed Area
0
3000
SCALE IN FEET
Park Boundary
Chalone Creek
Housing
Maintenance
Picnic
Trailhead
Cedar Gulch
Storage
YACC Area
Shuttle Parking
Storage
Bear Gulch
Picnic
Trailhead
Headquarters
Visitor Center

Site Map


0 1 2 3
0 1cm 2 3 4 5 6 7 8

TRIPLICATE
Owner's Copy
Page 1 of 1
Owner's Well No. 1
Date Work Began 9-20-93 Ended 9-30-93

STATE OF CALIFORNIA
# WELL COMPLETION REPORT
*Refer to Instruction Pamphlet*
No. 459601

Local Permit Agency San Benito County Health Dept
Permit No. 93-253 Permit Date 9-20-93

DWR USE ONLY — DO NOT FILL IN
STATE WELL NO./STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

## GEOLOGIC LOG

ORIENTATION (✓) X VERTICAL ___ HORIZONTAL ___ ANGLE ___ (SPECIFY)
DEPTH TO FIRST WATER 40 (Ft.) BELOW SURFACE

| DEPTH FROM SURFACE Ft. | to Ft. | DESCRIPTION *Describe material, grain size, color, etc.* |
|---|---|---|
| 0 | 5 | Sandy clay |
| 5 | 58 | Decomposed granite |
| 58 | 130 | Hard granite |
| 130 | 133 | Broken granite |
| 133 | 204 | Granite |
| 204 | 220 | Fractured granite |
| 220 | 270 | Hard granite |
| 270 | 274 | Broken granite |
| 274 | 320 | Hard granite. |

TOTAL DEPTH OF BORING 320 (Feet)
TOTAL DEPTH OF COMPLETED WELL 320 (Feet)

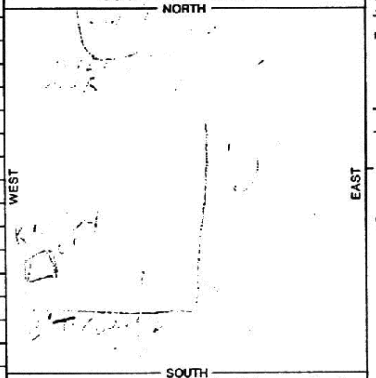
## WELL OWNER

Name Pinnacles National Monument
Mailing Address Pinnacles National Monument
Paicines CA 95043
CITY STATE ZIP

## WELL LOCATION

Address Pinnacles ~~National Monument~~
City Paicines
County San Benito
APN Book N/A Page ___ Parcel ___
or Township ___ Range ___ Section ___
or Latitude ___ DEG. ___ MIN. ___ SEC. NORTH Longitude ___ DEG. ___ MIN. ___ SEC. WEST

LOCATION SKETCH




*Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc. PLEASE BE ACCURATE & COMPLETE.*

ACTIVITY (✓)
X NEW WELL
MODIFICATION/REPAIR
___ Deepen
___ Other (Specify)
___ DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USE(S) (✓)
___ MONITORING
WATER SUPPLY
X Domestic
X Public
___ Irrigation
___ Industrial
___ "TEST WELL"
___ CATHODIC PROTECTION
___ OTHER (Specify)

DRILLING METHOD Rotary FLUID mud

## WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL 40 (Ft.) & DATE MEASURED ___
ESTIMATED YIELD* 60 (GPM) & TEST TYPE air-lift
TEST LENGTH ___ (Hrs.) TOTAL DRAWDOWN ___ (Ft.)
* *May not be representative of a well's long-term yield.*

## CASING(S)

| DEPTH FROM SURFACE Ft. | to Ft. | BORE-HOLE DIA. (Inches) | TYPE (✓) BLANK | SCREEN | CONDUCTOR | FILL PIPE | MATERIAL / GRADE | INTERNAL DIAMETER (Inches) | GAUGE OR WALL THICKNESS | SLOT SIZE IF ANY (Inches) |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 240 | 10" | X | | | | Steel | 6 | 10 | |
| 240 | 320 | | | X | | | Steel | 6 | 10 | louvre |
| | | | | | | | | | | |
| 0 | 60 | | | | X | | PVC | 10 | 200 | |

## ANNULAR MATERIAL

| DEPTH FROM SURFACE Ft. | to Ft. | TYPE CEMENT (✓) | BENTONITE (✓) | FILL (✓) | FILTER PACK (TYPE/SIZE) |
|---|---|---|---|---|---|
| 0 | 70 | X | | | Birdseye |
| | | | | | |

## ATTACHMENTS (✓)

___ Geologic Log
___ Well Construction Diagram
___ Geophysical Log(s)
___ Soil/Water Chemical Analyses
___ Other ___

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

## CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Rauch Drilling Co. Inc.
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS P.O. Box 524 CITY Templeton STATE CA ZIP 93465
Signed ___ (WELL DRILLER/AUTHORIZED REPRESENTATIVE) DATE SIGNED 10-27-93 C-57 LICENSE NUMBER 445016

DWR 188 REV. 7-90

IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

**Application** : A009083
**Permit** : 005047 **Issued on** November 18, 1937
**License** : 003820 **Issued on** September 17, 1953

**Primary Owner** : U S NATIONAL PARK SERVICE
**Mail To Owner** : U S NATIONAL PARK SERVICE
PINNACLES NATIONAL MONUMENT
**Address** : 1201 OAK RIDGE DR STE 250, FORT COLLINS, CO 80525-5596

**POD Information** :
IN NW¼ of NW¼ of Section 11, T17S, R7E, MDB&M (San Benito County)
Water to be diverted from BEAR GULCH
Tributary CHALONE CREEK thence SALINAS RIVER

IN NW¼ of SW¼ of Section 2, T17S, R2E, MDB&M (San Benito County)
Water to be diverted from HEADQUARTERS SPRING
Tributary BEAR GULCH thence CHALONE CREEK, SALINAS RIVER

IN SW¼ of SW¼ of Section 2, T17S, R17E, MDB&M (San Benito County)
Water to be diverted from BEAR GULCH
Tributary CHALONE CREEK thence SALINAS RIVER

**Amount** :
**Maximum Application DD** : 0.043 cubic-feet/sec
**Maximum Storage** : 36.6 acrc-feet/ann

**Purpose of Use** : Domestic
**Diversion Season** : January 1 to December 31
**Storage Season** : November 1 to May 1

**Purpose of Use** : Fire Protection
**Diversion Season** : January 1 to December 31
**Storage Season** : November 1 to May 1

Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. BOX 2000 SACRAMENTO, CA 95812-2000
901 P ST. SACRAMENTO, CA
(916) ~~324-1626~~ 657-2170

Wayne Smith
received fr.
park 8/17/92

# REPORT OF LICENSEE FOR 1989, 1990, 1991

OWNER OF RECORD:

PINNACLES NATIONAL MONUMENT
C/O U S NATIONAL PARK SERVICE, WESTERN R
DIVISION OF WATER RESOURCES
450 GOLDEN GATE AVENUE, BOX 36063
SAN FRANCISCO, CA 94102

APPLICATION: A009083

LICENSE: 003820

TELEPHONE NUMBER:
( ) -

IF OWNER'S NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE:

BEAR GULCH
(OTHER SOURCES NOT SHOWN)

COUNTY:

SAN BENITO

| PURPOSE: | DIVERSION/STORAGE SEASON: | ACRES/HP: |
|---|---|---|
| DOMESTIC | JAN 01 TO DEC 31 // NOV 01 TO MAY 01 | .0 AC |
| FIRE PROTECTION | JAN 01 TO DEC 31 // NOV 01 TO MAY 01 | .0 AC |

AMOUNT: 0.043 CFS 36.6 AC-FT

THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF YOUR LICENSE

MPORTANT! EVERY license is subject to the conditions therein. I have currently reviewed my license: YES [X]. O [ ]. I am complying with the conditions of my license: YES [X] NO [ ]. Identify any noncompliance by license erm number under "Remarks" on reverse side. This report is important in providing the record of use needed in aintaining your water right. It should be filled out carefully and returned promptly to the above-listed address.

HE PROJECT HAS BEEN ABANDONED, AND I REQUEST REVOCATION OF THE LICENSE: YES [ ] NO [X]

OMPLETE FOR DIRECT DIVERSION PROJECTS

1. Have you used the full licensed amount of water each year? YES [ ] NO [ ].
2. State the quantity of water used each month in gallons or acre-feet (if not known, check months water was used).

| "AF" | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1989 | | | | | | | | | | | | | |
| 1990 | | | | | | | | | | | | | |
| 1991 | | | | | | | | | | | | | |

| OMPLETE FOR STORAGE PROJECTS | 1989 | 1990 | 1991 |
|---|---|---|---|
| 3. Did your reservoir spill this year? | NO | NO | YES |
| 4. If not, how many feet below spillway vertically was the water level at maximum storage? | 8' | 8' | |
| 5. Have you emptied the reservoir? | YES | NO | NO |
| 6. How many feet below spillway vertically was it drawn down at end of season? | 23' | | |
| SE (COMPLETE FOR ALL PROJECTS) | | | |
| 7. Acreage irrigated | | | |
| Crops grown | | | |
| 8. Stockwatering – number of stock | | | |
| kind of stock | | | |
| 9. Domestic – number of persons | | | |
| garden area, etc. | | | |
| 0. Recreational – nature of use | | | |
| 1. Industrial – nature of use | | | |
| 2. Municipal – approximate population | | | |
| 3. Power generation – K.W. | | | |

4. Other RESERVOIR HISTORIC STRUCTURE. UTILIZED FOR PUBLIC RECREATION.
5. If no water was used in one or more years, briefly state the reason on the reverse side under "Remarks".
6. If either the location of the point of diversion or place of use has been changed and the permission of this Board has not yet been obtained, please describe nature of change on the reverse side under "Remarks".

OF LICENSEE FOR — PAGE 2

,E: The following questions relate to the Board's continuing responsibility to insure that appropriated water is best developed, conserved, and utilized in the public interest as required by the Water Code. Please answer those questions which are applicable to your project.

CONSERVATION OF WATER (WATER PURVEYORS)

17. What measures are you using or planning to reduce water losses in conveyance systems? (1) Seepage or leak detection program [ ]; (2) Lining canals [ ]; (3) Phreatophyte and aquatic vegetation control [ ]; (4) Other (describe in "Remarks") [ ]. N/A

18. What measures are used to encourage consumers to conserve water in agricultural use? (1) Program to encourage more efficient irrigation systems (sprinkler, drip, etc.) where applicable [ ]; (2) Return flow systems on individual farms [ ]; (3) Return flow system areawide [ ]; (4) Water pricing to encourage reduced use [ ]; (5) Charges for drainage of irrigated lands [ ]; (6) Other (describe in "Remarks") [ ]. N/A

19. What measures are used to encourage municipal and industrial consumers to conserve water? (1) Regulations to control wasteful use [ ]; (2) Public education program on water conservation [ ]; (3) Pricing to encourage reduced use [ ]; (4) Assistance to industry in design of recycle systems [ ]; (5) Other (describe in "Remarks" [ ]. N/A

20. What records are maintained on water use and conservation? (1) Loss rate from conveyance system [ ]; (2) Water use for major crops by each farm [ ]; (3) Other (describe in "Remarks") [ ]. N/A

CONSERVATION OF WATER (WATER USERS)

21. Describe any water conservation efforts you may have started: N/A HISTORIC STRUCTURE UTILIZED FOR PUBLIC RECREATION

22. If credit toward beneficial use of water under this license for water not used due to a conservation effort is claimed under Water Code Section 1011, please show the amounts of water conserved (acre feet or mg.):
19__ _____ 19__ _____ 19__ _____

WATER QUALITY AND WASTEWATER RECLAMATION

23. Describe methods you are using to minimize erosion and to prevent the entry of silt into surface waters:
N/A

24. After use, the water is (1) retained in reservoir [ ]; (2) discharged into a stream or lake [ ]; (3) discharged into settling ponds [ ]; (4) Other [ ]. Describe: N/A WATER NOT USED. ALLOWED TO FLOW THROUGH WHEN WATER LEVELS REACH OUTLET

25. Does or will water being discharged contain waste materials? YES [ ] NO [X].
(1) Domestic [ ]; (2) Municipal [ ]; (3) Industrial [ ]; (4) Agricultural [ ]; (5) Other [ ]. Describe: _____

26. Does or will water being discharged contain any specific material which is deleterious to fish and wildlife or which would impair the water for beneficial uses? YES [ ] NO [X]. Describe: _____

TO THE EXTENT THE FOLLOWING QUESTIONS APPLY TO YOUR LICENSE, PLEASE ANSWER IN REMARKS SECTION BELOW.

27. Are you now or have you been using reclaimed water from a wastewater treatment facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES [ ] NO [X].

If credit toward use under this water right through substitution of reclaimed or polluted water in lieu of appropriated water is claimed under Section 1010 of the Water Code, please show amounts of reduced diversion and amounts of reclaimed water used.

28. Are you now or have you been reclaiming or reusing any of the water appropriated under this right? YES [ ] NO [X].
If yes, please describe. _____

29. What is present availability or current potential for using reclaimed water from a wastewater treatment plant or polluted water in place of the appropriated water to satisfy all or part of your water needs?

30. What is the current potential for reusing the appropriated water to satisfy part of your water needs?

31. If you produce reclaimed water, or polluted water, is there a potential for others to use it?

REMARKS: (Identify the item you are explaining. Additional pages may be attached.)

BEAR GULCH RESERVOIR IS AN HISTORIC STRUCTURE WHICH IS NO LONGER UTILIZED FOR FIRE PROTECTION PURPOSES. CURRENTLY UTILIZED FOR SCENIC RECREATIONAL PURPOSES.

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

Date: FEB 2 7 1992 Sign Here: Supt. Pinnacles N.M.
LICENSEE (OR AGENT OR DESIGNEE)

State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. BOX 2000 SACRAMENTO, CA 95810
901 P STREET SACRAMENTO, CA
(916) 324-5626

# REPORT OF LICENSEE FOR 1983, 1984, 1985

OWNER OF RECORD:

PINNACLES NATIONAL MONUMENT
C/O U S NATIONAL PARK SERVICE, WESTERN R
DIVISION OF WATER RESOURCES
450 GOLDEN GATE AVENUE, BOX 36063
SAN FRANCISCO, CALIF 94102

APPLICATION: A009083

LICENSE: 003820

TELEPHONE NUMBER:
(415) 556 - 8660

IF OWNER'S NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE:

BEAR GULCH
(OTHER SOURCES NOT SHOWN)

COUNTY:

SAN BENITO

| PURPOSE: | DIVERSION/STORAGE SEASON: | ACRES/HP: |
|---|---|---|
| DOMESTIC | JAN 01 TO DEC 31 // NOV 01 TO MAY 01 | .0 AC |
| FIRE PROTECTION | JAN 01 TO DEC 31 // NOV 01 TO MAY 01 | .0 AC |

AMOUNT: 0.043 CFS 36.6 AC-FT

THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF YOUR LICENSE

IMPORTANT! EVERY license is subject to the conditions therein. I have currently reviewed my license: YES [X] NO [ ]. I am complying with the conditions of my license: YES [X] NO [ ]. Identify any noncompliance by license term number under "Remarks" on reverse side. This report is important in providing the record of use needed in maintaining your water right. It should be filled out carefully and returned promptly to the above-listed address.

THE PROJECT HAS BEEN ABANDONED, AND I REQUEST REVOCATION OF THE LICENSE: YES [ ] NO [X]

COMPLETE FOR DIRECT DIVERSION PROJECTS

1. Have you used the full licensed amount of water each year? YES [X] NO [ ].
2. State the quantity of water used each month in gallons or acre-feet (if not known, check months water was used).

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1983 | x | x | x | x | x | x | x | x | x | x | x | x | |
| 1984 | x | x | x | x | x | x | x | x | x | x | x | x | |
| 1985 | x | x | x | x | x | x | x | x | x | x | x | x | |

| COMPLETE FOR STORAGE PROJECTS | 1983 | 1984 | 1985 |
|---|---|---|---|
| 3. Did your reservoir spill this year? | no | no | no |
| 4. If not, how many feet below spillway vertically was the water level at maximum storage? | | | |
| 5. Have you emptied the reservoir? | no | no | no |
| 6. How many feet below spillway vertically was it drawn down at end of season? | | | |
| USE (COMPLETE FOR ALL PROJECTS) | | | |
| 7. Acreage irrigated | | | |
| Crops grown | | | |
| 8. Stockwatering — number of stock | | | |
| kind of stock | | | |
| 9. Domestic — number of persons | 22 | 22 | 22 |
| garden area, etc. | | | |
| 10. Recreational — nature of use | x | x | x |
| 11. Industrial — nature of use | | | |
| 12. Municipal — approximate population | | | |
| 13. Power generation — K.W. | | | |
| 14. Other Fire protection | x | x | x |

15. If no water was used in one or more years, briefly state the reason on the reverse side under "Remarks".
16. If either the location of the point of diversion or place of use has been changed and the permission of this Board has not yet been obtained, please describe nature of change on the reverse side under "Remarks".

WR-17 (11-83)
0466

1985

(REPORT CONTINUES ON REVERSE SIDE)

REPORT OF LICENSEE FOR — PAGE 2

NOTE: The following questions relate to the Board's continuing responsibility to insure that appropriated water is best developed, conserved, and utilized in the public interest as required by the Water Code. Please answer those questions which are applicable to your project.

CONSERVATION OF WATER (WATER PURVEYORS)

17. What measures are you using or planning to reduce water losses in conveyance systems? (1) Seepage or leak detection program [ ]; (2) Lining canals [ ]; (3) Phreatophyte and aquatic vegetation control [ ]; (4) Other (describe in "Remarks") [ ].

18. What measures are used to encourage consumers to conserve water in agricultural use? (1) Program to encourage more efficient irrigation systems (sprinkler, drip, etc.) where applicable [ ]; (2) Return flow systems on individual farms [ ]; (3) Return flow system areawide [ ]; (4) Water pricing to encourage reduced use [ ]; (5) Charges for drainage of irrigated lands [ ]; (6) Other (describe in "Remarks") [ ].

19. What measures are used to encourage municipal and [illegible] to conserve water? (1) Regulations to control wasteful use [ ]; (2) Public education program on water conservation [ ]; (3) Pricing to encourage reduced use [ ]; (4) Assistance to industry in design of recycle systems [ ]; (5) Other (describe in "Remarks" [ ].

20. What records are maintained on water use and conservation? (1) Loss rate from conveyance system [ ]; (2) Water use for major crops by each farm [ ]; (3) Other (describe in "Remarks") [X]. Daily Pump records

CONSERVATION OF WATER (WATER USERS)

21. Describe any water conservation efforts you may have started: _____

22. If credit toward beneficial use of water under this license for water not used due to a conservation effort is claimed under Water Code Section 1011, please show the amounts of water conserved (acre feet or mg.):
1978 _____ 1979 _____ 1980 _____

WATER QUALITY AND WASTEWATER RECLAMATION

23. Describe methods you are using to minimize erosion and to prevent the entry of silt into surface waters: _____

24. After use, the water is (1) retained in reservoir [ ]; (2) discharged into a stream or lake [ ]; (3) discharged into settling ponds [ ]; (4) Other [X]. Describe: leech fields - septic tanks

25. Does or will water being discharged contain waste materials? YES [ ] NO [X].
(1) Domestic [ ]; (2) Municipal [ ]; (3) Industrial [ ]; (4) Agricultural [ ]; (5) Other [ ]. Describe: _____

26. Does or will water being discharged contain any specific material which is deleterious to fish and wildlife or which would impair the water for beneficial uses? YES [ ] NO [X]. Describe: _____

TO THE EXTENT THE FOLLOWING QUESTIONS APPLY TO YOUR LICENSE, PLEASE ANSWER IN REMARKS SECTION BELOW.

27. Are you now or have you been using reclaimed water from a wastewater treatment facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES [ ] NO [X].

If credit toward use under this water right through substitution of reclaimed or polluted water in lieu of appropriated water is claimed under Section 1010 of the Water Code, please show amounts of reduced diversion and amounts of reclaimed water used.

28. Are you now or have you been reclaiming or reusing any of the water appropriated under this right? YES [ ] NO [X].
If yes, please describe. _____

29. What is present availability or current potential for using reclaimed water from a wastewater treatment plant or polluted water in place of the appropriated water to satisfy all or part of your water needs? N/A

30. What is the current potential for reusing the appropriated water to satisfy part of your water needs? N/A

31. If you produce reclaimed water, or polluted water, is there a potential for others to use it? N/A

REMARKS: (Identify the item you are explaining. Additional pages may be attached.)

_____

_____

_____

_____

_____

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

Date: 1/10/86 Sign Here: (Sgd) Gerard S. Witucki

LICENSEE (C[illegible]IENT OR DESIGNEE)

State Water Resources Control Board
DIVISION OF WATER RIGHTS
Cadillac Drive, Sacramento, CA 95825
(916) 920-6151

# REPORT OF LICENSEE FOR 1980, 1981, 1982

OWNER OF RECORD:

PINNACLES NATIONAL MONUMENT
C/O U S NATIONAL PARK SERVICE, WESTERN R
DIVISION OF WATER RESOURCES
450 GOLDEN GATE AVENUE, BOX 36063
SAN FRANCISCO, CALIF 94102

APPLICATION: A009083

LICENSE: 003820

TELEPHONE NUMBER:
(408) 39 -4578

IF OWNER'S NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE:

BEAR GULCH
(OTHER SOURCES NOT SHOWN)

Declaration: The United States gives this notification to the State in the interest of comity, and does not concede that the State has power to regulate the rights of the United States to the use of water.

COUNTY:
SAN BENITO

| PURPOSE: | DIVERSION/STORAGE SEASON: | ACRES/HP: |
|---|---|---|
| DOMESTIC | JAN 01 TO DEC 31 // NOV 01 TO MAY 01 | .0 AC |
| FIRE PROTECTION | JAN 01 TO DEC 31 // NOV 01 TO MAY 01 | .0 AC |

AMOUNT: 0.043 CFS 36.6 AC-FT

THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF YOUR LICENSE

**IMPORTANT!** EVERY license is subject to the conditions therein. I have currently reviewed my license: YES [x] NO [ ]. I am complying with the conditions of my license: YES [x] NO [ ]. Identify any noncompliance by license term number under "Remarks" on reverse side. This report is important in providing the record of use needed in maintaining your water right. It should be filled out carefully and returned promptly to the above-listed address.

THE PROJECT HAS BEEN ABANDONED, AND I REQUEST REVOCATION OF THE LICENSE: YES [ ] NO [x]

COMPLETE FOR DIRECT DIVERSION PROJECTS

1. Have you used the full licensed amount of water each year? YES [x] NO [ ].
2. State the quantity of water used each month in gallons or acre-feet (if not known, check months water was used).

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1980 | x | x | x | x | x | x | x | x | x | x | x | x | |
| 1981 | x | x | x | x | x | x | x | x | x | x | x | x | |
| 1982 | x | x | x | x | x | x | x | x | x | x | x | x | |

| COMPLETE FOR STORAGE PROJECTS | 1980 | 1981 | 1982 |
|---|---|---|---|
| 3. Did your reservoir spill this year? | no | yes | no |
| 4. If not, how many feet below spillway vertically was the water level at maximum storage? | | | |
| 5. Have you emptied the reservoir? | no | no | no |
| 6. How many feet below spillway vertically was it drawn down at end of season? | | | |
| **USE (COMPLETE FOR ALL PROJECTS)** | | | |
| 7. Acreage irrigated | | | |
| Crops grown | | | |
| 8. Stockwatering – number of stock | | | |
| kind of stock | | | |
| 9. Domestic – number of persons | 22 | 22 | 22 |
| garden area, etc. | | | |
| 10. Recreational – nature of use | x | x | x |
| 11. Industrial – nature of use | | | |
| 12. Municipal – approximate population | | | |
| 13. Power generation – K.W. | | | |
| 14. Other – Fire Protection | x | x | x |

15. If no water was used in one or more years, briefly state the reason on the reverse side under "Remarks".
16. If either the location of the point of diversion or place of use has been changed and the permission of this Board has not yet been obtained, please describe nature of change on the reverse side under "Remarks".

REPORT OF LICENSEE FOR – PAGE 2

NOTE: The following questions relate to the Board's continuing responsibility to insure that appropriated water is best developed, conserved, and utilized in the public interest as required by the Water Code. Please answer those questions which are applicable to your project.

CONSERVATION OF WATER (WATER PURVEYORS)

17. What measures are you using or planning to reduce water losses in conveyance systems? (1) Seepage or leak detection program [ ]; (2) Lining canals [ ]; (3) Phreatophyte and aquatic vegetation control [ ]; (4) Other (describe in "Remarks") [ ].

18. What measures are used to encourage consumers to conserve water in agricultural use? (1) Program to encourage more efficient irrigation systems (sprinkler, drip, etc.) where applicable [ ]; (2) Return flow systems on individual farms [ ]; (3) Return flow system areawide [ ]; (4) Water pricing to encourage reduced use [ ]; (5) Charges for drainage of irrigated lands [ ]; (6) Other (describe in "Remarks") [ ].

19. What measures are used to encourage municipal and industrial consumers to conserve water? (1) Regulations to control wasteful use [ ]; (2) Public education program on water conservation [ ]; (3) Pricing to encourage reduced use [ ]; (4) Assistance to industry in design of recycle systems [ ]; (5) Other (describe in "Remarks" [ ].

20. What records are maintained on water use and conservation? (1) Loss rate from conveyance system [ ]; (2) Water use for major crops by each farm [ ]; (3) Other (describe in "Remarks") [x]. Daily Pump records

CONSERVATION OF WATER (WATER USERS)

21. Describe any water conservation efforts you may have started: _____

22. If credit toward beneficial use of water under this license for water not used due to a conservation effort is claimed under Water Code Section 1011, please show the amounts of water conserved (acre feet or mg.):
19 _____ 19 _____ 19 _____

WATER QUALITY AND WASTEWATER RECLAMATION

23. Describe methods you are using to minimize erosion and to prevent the entry of silt into surface waters: _____

24. After use, the water is (1) retained in reservoir [ ]; (2) discharged into a stream or lake [ ]; (3) discharged into settling ponds [ ]; (4) Other [x]. Describe: leach fields - septic tanks

25. Does or will water being discharged contain waste materials? YES [ ] NO [x].
(1) Domestic [ ]; (2) Municipal [ ]; (3) Industrial [ ]; (4) Agricultural [ ]; (5) Other [ ]. Describe: _____

26. Does or will water being discharged contain any specific material which is deleterious to fish and wildlife or which would impair the water for beneficial uses? YES [ ] NO [x]. Describe: _____

TO THE EXTENT THE FOLLOWING QUESTIONS APPLY TO YOUR LICENSE, PLEASE ANSWER IN REMARKS SECTION BELOW.

27. Are you now or have you been using reclaimed water from a wastewater treatment facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES [ ] NO [x].

If credit toward use under this water right through substitution of reclaimed or polluted water in lieu of appropriated water is claimed under Section 1010 of the Water Code, please show amounts of reduced diversion and amounts of reclaimed water used.

28. Are you now or have you been reclaiming or reusing any of the water appropriated under this right? YES [ ] NO [x]. If yes, please describe. _____

29. What is present availability or current potential for using reclaimed water from a wastewater treatment plant or polluted water in place of the appropriated water to satisfy all or part of your water needs? N/A

30. What is the current potential for reusing the appropriated water to satisfy part of your water needs? N/A

31. If you produce reclaimed water, or polluted water, is there a potential for others to use it? N/A

REMARKS: (Identify the item you are explaining. Additional pages may be attached.) N/A

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

Date: _____ Sign Here: _____
LICENSEE (OR AGENT OR DESIGNEE)

tate Water Resources Control Board
DIVISION OF WATER RIGHTS
77 Cadillac Drive, Sacramento, CA 95825
(916) 920-6151

# REPORT OF LICENSEE FOR 1977, 1978, 1979

**OWNER OF RECORD:**
PINNACLES NATIONAL MONUMENT
c/o U S NATIONAL PARK SERVICE,
WESTERN REGION, DIVISION OF WATER RESOURCES,
450 GOLDEN GATE AVENUE, BOX 36063,
SAN FRANCISCO, CALIF 94102

**APPLICATION:** 9083

( 415 ) 556-8660
Area Code and Telephone Number

If the owner's name or address shown above is wrong, please correct.

**SOURCE:** 1)BEAR GULCH 2)HEADQUARTERS SPRING

**COUNTY:** SAN BENITO

**AMOUNT:** 0.043 CU FT/SEC 36.6 AC-FT/ANN

**PURPOSE:** DOMESTIC & FIRE PROTECTION

**LICENSE:** 3820

Declaration: The United States gives this notification to the State in the interest of comity, and does not concede that the State has power to regulate the rights of the United States to the use of water.

THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF YOUR LICENSE

**IMPORTANT!** EVERY license is subject to the conditions therein. I have currently reviewed my license: YES [X] NO [ ]. I am complying with the conditions of my license: YES [X] NO [ ]. Identify any noncompliance by license term number under "Remarks" on reverse side. This report is important in providing the record of use needed in maintaining your water right. It should be filled out carefully and returned promptly to the above-listed address. Do you need a copy of your license: YES [ ] NO [X].

THE PROJECT HAS BEEN ABANDONED, AND I REQUEST REVOCATION OF THE LICENSE: YES [ ] NO [X]

**COMPLETE FOR DIRECT DIVERSION PROJECTS**

1. Have you used the full licensed amount of water each year? YES [X] NO [ ].
2. State the quantity of water used each month in gallons or acre-feet (if not known, check months water was used).

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | X | X | X | X | X | X | X | X | X | X | X | X | |
| 1978 | X | X | X | X | X | X | X | X | X | X | X | X | |
| 1979 | X | X | X | X | X | X | X | X | X | X | X | X | |

| COMPLETE FOR STORAGE PROJECTS | 1977 | 1978 | 1979 |
|---|---|---|---|
| 3. Did your reservoir spill this year? | | | |
| 4. If not, how many feet below spillway vertically was the water level at maximum storage? | | | |
| 5. Have you emptied the reservoir? | | | |
| 6. How many feet below spillway vertically was it drawn down at end of season? | | | |
| **USE (COMPLETE FOR ALL PROJECTS)** | | | |
| 7. Acreage irrigated | | | |
| Crops grown | | | |
| 8. Stockwatering – number of stock | | | |
| kind of stock | | | |
| 9. Domestic – number of persons | X | X | X |
| garden area, etc. | | | |
| 10. Recreational – nature of use | | | |
| 11. Industrial – nature of use | | | |
| 12. Municipal – approximate population | | | |
| 13. Power generation – K.W. | | | |
| 14. Other Fire Protection | X | X | X |

15. If no water was used in one or more years, briefly state the reason on the reverse side under "Remarks".
16. If either the location of the point of diversion or place of use has been changed and the permission of this Board has not yet been obtained, please describe nature of change on the reverse side under "Remarks".

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

Date: January 10, 1980 Sign Here: (Sgd) Gerard S. Witucki
Gerard S. Witucki, Chief, Water Resources, NPS, Western Reg.
LICENSEE (OR AGENT OR DESIGNEE)

8-17 (6-79)

1979

(REPORT CONTINUES ON REVERSE SIDE)

State Water Resources Control Board
DIVISION OF WATER RIGHTS
2125 – 19th Street, Sacramento, California 95818

PINN UP 42

# REPORT OF LICENSEE FOR 1974, 1975, 1976

OWNER OF RECORD: APPLICATION 9083

PINNACLES NATIONAL MONUMENT
c/o U S NATIONAL PARK SERVICE, WESTERN REGION, DIVISION OF WATER RESOURCES,
450 GOLDEN GATE AVENUE, BOX 36063,
SAN FRANCISCO, CALIF 94102

(415)-556-8660
Telephone Number and Area Code

If the information shown above is wrong, please correct

SOURCE: (1)BEAR GULCH (2)HEADQUARTERS SPRING

COUNTY: SAN BENITO

AMOUNT: 0.043 CU-FT/SEC 36.6 AC-FT/ANN
PURPOSE: DOMESTIC & FIRE PROTECTION

LICENSE 3820

THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF YOUR LICENSE

IMPORTANT! EVERY license is subject to the conditions therein. I have currently reviewed my license: YES ☒ NO ☐. I am complying with the conditions of my license: YES ☒ NO ☐. Identify any non-compliance by license term number under "remarks" on reverse side. This report is important in providing the record of use needed in maintaining your water right. It should be filled out carefully and returned promptly to the

STATE WATER RESOURCES CONTROL BOARD, DIVISION OF WATER RIGHTS
2125 Nineteenth Street, Sacramento, California 95818

THE PROJECT HAS BEEN ABANDONED, AND I REQUEST REVOCATION OF THE LICENSE. ☐ YES ☒ NO

## DIRECT DIVERSION PROJECTS

1. Have you used the full licensed amount of water each year? ☒ Yes ☐ No
2. State the quantity of water used each month in gallons or acre-feet (if not known, check months water was used).

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1974 | x | x | x | x | x | x | x | x | x | x | x | x | |
| 1975 | x | x | x | x | x | x | x | x | x | x | x | x | |
| 1976 | x | x | x | x | x | x | x | x | x | x | x | x | |

## STORAGE PROJECTS

| | 1974 | 1975 | 1976 |
|---|---|---|---|
| 3. Did your reservoir spill this year? | | | |
| 4. How many feet below spillway vertically was the water level at maximun storage? | | | |
| 5. Have you emptied the reservoir? | | | |
| 6. How many feet below spillway vertically was it drawn down at end of season? | | | |

## USE

| | 1974 | 1975 | 1976 |
|---|---|---|---|
| 7. Acreage irrigated | | | |
| Crops grown: | | | |
| 8. Stockwatering – head | | | |
| Kind | | | |
| 9. Domestic – number of persons | x | x | x |
| Garden area, etc. | | | |
| 10. Recreational – nature of use | | | |
| 11. Industrial – nature of use | | | |
| 12. Municipal – approximate population | | | |
| 13. Power generation – K.W. | | | |
| 14. Other Fire Protection | x | x | x |

15. If no water was used in one or more years, briefly state the reason on the reverse side under "Remarks".
16. If either the location of the point of diversion or place of use has changed and the permission of this Board has not yet been obtained, please describe nature of change on the reverse side under "Remarks".

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

Date: Sept.19, 1977 Sign Here: _____

Gerard S. Wisocki LICENSEE
1976 Chief, Div. of Water Resources

SWRCB 17 (7-76) (REPORT CONTINUES ON REVERSE SIDE)

NOTE: The following questions relate to the Board's continuing responsibility to insure that appropriated water is best developed, conserved, and utilized in the public interest as required by the Water Code. Please answer only those questions which are applicable to your project.

## CONSERVATION OF WATER

17. What measures are you using or planning to reduce water losses in conveyance systems? (1) Seepage or leak detection program ☐; (2) Lining canals ☐; (3) Phreatophyte and aquatic vegetation control ☐; (4) Other (describe in remarks) ☐.

18. What measures are used to encourage consumers to conserve water in agricultural use? (1) Program to encourage more efficient irrigation systems (sprinkler, drip, etc.), where applicable ☐; (2) Return flow systems on individual farms ☐; (3) Return flow system areawide ☐; (4) Water pricing to encourage reduced use ☐; (5) Charges for drainage of irrigated lands ☐; (6) Other (describe in remarks) ☐.

19. What measures are used to encourage municipal and industrial consumers to conserve water? (1) Regulations to control wasteful use ☐; (2) Public education program on water conservation ☐; (3) Pricing to encourage reduced use ☐; (4) Assistance to industry in design of recycle systems ☐; (5) Other (describe in remarks) ☐.

20. What records are maintained on water use and conservation? (1) Loss rate from conveyance system ☐; (2) Water use for major crops by each farm ☐; (3) Other (describe in remarks) ☐.

## WATER QUALITY AND WASTEWATER RECLAMATION

21. Describe methods you are using to minimize erosion and to prevent the entry of silt into surface waters:

22. After use, the water is (1) retained in reservoir ☐; (2) discharged into a stream or lake ☐; (3) discharged into settling ponds ☐; (4) Other ☐. Describe:

23. Does or will water being discharged contain waste materials? ☐ Yes ☐ No.
(1) Domestic ☐; (2) Municipal ☐; (3) Industrial ☐; (4) Agricultural ☐; (5) Other ☐. Describe:

24. Does or will water being discharged contain any specific material which is deleterious to fish and wildlife or which would impair the water for beneficial uses? ☐ Yes ☐ No. Describe:

25. Describe what steps you are, have been, or can take to reclaim or indirectly reuse the water sought being appropriated:

## REMARKS

Please designate by number the question you are answering:

(If additional space is needed for remarks, attach numbered sheets.)

STATE OF CALIFORNIA – THE RESOURCES AGENCY
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

# REPORT OF LICENSEE FOR 1971, 1972, 1973

OWNER OF RECORD: APPLICATION 9083

PINNACLES NATIONAL MONUMENT
C/O U S NATIONAL PARK SERVICE,
WESTERN REGION, DIVISION OF WATER RESOURCES,
450 GOLDEN GATE AVENUE, BOX 36063,
SAN FRANCISCO, CALIF 94102

Declaration: The United States gives this notification to the State in the interest of comity, and does not concede that the State has power to regulate the rights of the United States to the use of water.

Telephone Number

If the information shown above is wrong, please correct

SOURCE: (1) BEAR GULCH (2) HEADQUARTERS SPRING

AMOUNT: 0.043 CU FT/SEC 36.6 AC-FT/ANN
PURPOSE: DOMESTIC & FIRE PROTECTION

LICENSE 3820

THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF YOUR LICENSE

IMPORTANT! Every License is issued subject to the conditions therein expressed. I have currently reviewed and am complying with the conditions under which this License has been issued. [X] Yes [ ] No
This report is important in providing the record of use needed in maintaining your water right. It should be filled out carefully and returned promptly to the State Water Resources Control Board, Division of Water Rights, Room 1015, Resources Building, 1416 Ninth Street, Sacramento, California 95814.

The project has been abandoned, and I request revocation of the License. [ ] Yes [XX] No

## DIRECT DIVERSION

1. Have you used the full licensed amount of water each year? [XX] Yes [ ] No
2. State the quantity of water used each month in gallons or acre-feet (if not known, check months water was used.)

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1971 | X | X | X | X | X | X | X | X | X | X | X | X | |
| 1972 | X | X | X | X | X | X | X | X | X | X | X | X | |
| 1973 | X | X | X | X | X | X | X | X | X | X | X | X | |

## STORAGE

| | 1971 | 1972 | 1973 |
|---|---|---|---|
| 3. Did your reservoir spill this year? | | | |
| 4. How many feet below spillway vertically was the water level at maximum storage? | | | |
| 5. Have you emptied the reservoir? | | | |
| 6. How many feet below spillway vertically was it drawn down at end of season? | | | |

## USE

| | 1971 | 1972 | 1973 |
|---|---|---|---|
| 7. Acreage irrigated | | | |
| Crops grown: | | | |
| 8. Stockwatering – head | | | |
| Kind | | | |
| 9. Domestic – number of persons | X | X | X |
| Garden area, etc. | | | |
| 10. Recreational – nature of use | | | |
| 11. Industrial – nature of use | | | |
| 12. Municipal – approximate population | | | |
| 13. Power generation – H.P. | | | |
| 14. Other Fire Protection | X | X | X |

15. If no water was used in one or more years, briefly state the reason on the reverse side under "Remarks."
16. If either the location of the point of diversion or place of use has changed and the permission of this Board has not yet been obtained, please describe nature of change on the reverse side under "Remarks."

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

Date: January 29, 1974 Sign Here: (SGD) GERARD S. WITUCKI
Gerard S. Witucki, Chief, Water Resources
LICENSEE

WRCB–17(9–73) 1973 (Report continues on reverse side)

NOTE: The following questions relate to the Board's continuing responsibility to insure that appropriated water is best developed, conserved, and utilized in the public interest as required by the Water Code.

## CONSERVATION OF WATER

17. What measures are you using or planning to reduce water losses in conveyance systems? (1) Seepage or leak detection program ☐ (2) Lining canals ☐; (3) Phreatophyte and aquatic vegetation control ☐; (4) Other (describe in remarks) ☐.

18. What measures are used to encourage consumers to conserve water in agricultural use? (1) Program to encourage more efficient irrigation systems (sprinkler, drip, etc.), where applicable ☐; (2) Return flow systems on individual farms ☐; (3) Return flow system areawide ☐; (4) Water pricing to encourage reduced use ☐; (5) Charges for drainage of irrigated lands ☐; (6) Other (describe in remarks) ☐.

19. What measures are used to encourage municipal and industrial consumers to conserve water? (1) Regulations to control wasteful use ☐; (2) Public education program on water conservation ☐; (3) Pricing to encourage reduced use ☐; (4) Assistance to industry in design of recycle systems ☐; (5) Other (describe in remarks) ☐.

20 What records are maintained on water use and conservation? (1) Loss rate from conveyance system ☐; (2) Water use for major crops by each farm ☐; (3) Other (describe in remarks) ☐.

## WATER QUALITY AND WASTEWATER RECLAMATION

21. Describe methods you are using to minimize erosion and to prevent the entry of silt into surface waters:

22. After use, the water is (1) retained in reservoir ☐; (2) discharged into a stream or lake ☐; (3) discharged into settling ponds ☐; (4) Other ☐; Describe:

23. Is or will water being discharged contain waste materials? ☐ Yes ☐ No
(1) Domestic ☐; (2) Municipal ☐; (3) Industrial ☐; (4) Agricultural ☐; (5) Other ☐; Describe:

24. Is or will water being discharged contain any specific material which is deleterious to fish and wildlife or which would impair the water for beneficial uses? ☐ Yes ☐ No Describe:

25. Describe what steps you are, have been, or can take to reclaim or directly reuse the water sought being appropriated:

## REMARKS

Please designate by number the question you are answering:

(If additional space is needed for remarks, attach numbered sheets.)

STATE OF CALIFORNIA—THE RESOURCES AGEN.
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

# REPORT OF LICENSEE FOR 1968, 1969, 1970

OWNER OF RECORD:

U S PINNACLES NATL MONUMENT
C/O U S NATIONAL PARK SERVICE,
DIVISION OF WATER RESOURCES, SSC,
450 GOLDEN GATE AVENUE, BOX 36025,
SAN FRANCISCO, CALIF 94102

APPLICATION 9083

Declaration: The United States gives this notification to the State in the interest of comity, and does not concede that the State has power to regulate the rights of the United States to the use of water.

**If the owner or address shown above is wrong, please correct**

SOURCE: (1) BEAR GULCH (2) HEADQUARTERS SPRING
WR # 2

AMOUNT: 0.0430 CU FT/SEC 36.6 AC-FT/ANN
PURPOSE: DOMESTIC & FIRE PROTECTION

LICENSE 3820

**THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF YOUR LICENSE**

Please fill out carefully and return promptly to the State Water Resources Control Board, Division of Water Rights, Room 1140, Resources Building, 1416 Ninth Street, Sacramento, California 95814.

The project has been abandoned, and I request revocation of the license. ☐ Yes ☒ No

DIRECT DIVERSION

1. Have you used the full licensed amount of water each year? ☒ Yes ☐ No
2. State the quantity of water used each month in gallons or acre-feet. (If not known check months water was used.)

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1968 | x | x | x | x | x | x | x | x | x | x | x | x | |
| 1969 | x | x | x | x | x | x | x | x | x | x | x | x | |
| 1970 | x | x | x | x | x | x | x | x | x | x | x | x | |

| STORAGE | 1968 | 1969 | 1970 |
|---|---|---|---|
| 1. Did your reservoir spill this year? | | | |
| 2. How many feet below spillway vertically was the water level at maximum storage? | | | |
| 3. Have you emptied the reservoir? | | | |
| 4. How many feet below spillway vertically was it drawn down at end of season? | | | |
| **USE** | | | |
| 1. Irrigated acres | | | |
| Crops grown: | | | |
| 2. Stockwatering—head | | | |
| Kind | | | |
| 3. Domestic—number persons | 147,000 per yr | 150,000 per yr | 168,242 pr yr |
| Garden area, etc. | | | |
| 4. Recreational—nature of use | | | |
| 5. Industrial—nature of use | | | |
| 6. Municipal—approximate population | | | |
| 7. Power generation—H.P. | | | |
| 8. Other | | | |

If no water was used in one or more years, briefly state the reason:

If either the location of the point of diversion or place of use has changed and the permission of this Board has not yet been obtained, please describe nature of change No change

REMARKS
(If more space is needed, use reverse side)

Submitted:
Date MAY 4 1973

Sign Here (SGD) GERARD S. WITUCKI
GERARD S. WITUCKI, Licensed CHIEF, DIVISION OF WATER RESOURCES

1970

L&W

STATE OF CALIFORNIA
THE RESOURCES AGENCY
STATE WATER RIGHTS BOARD

# Report of Licensee for 1965, 1966 and 1967

OWNER OF RECORD:

U S PINNACLES NATL MONUMENT
PAICINES, CALIF

APPLICATION 9083

**If the owner or address shown above is wrong, please correct**

SOURCE: (1) BEAR GULCH (2) (2) HEADQUARTERS SPRING
(3) (4)
(5) (6)
(7)

LICENSE 3820

**THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF THE ABOVE-NUMBERED LICENSE**

1. Please give a specific answer in each of the following spaces in regard to beneficial use of water under the license:

1965: Was water used? ~~Yes~~ What was the maximum rate of diversion (if known)? ~~Not Known~~

Purpose (irrigation, domestic, etc.) ~~Domestic~~

Number of units served ~~125,000 Persons~~
Total acres irrigated, number of stock watered, average number of persons served, etc.

What quantity of water was used each month in gallons or acre-feet? (If not known check months water was used.)

| Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | x | x | x | x | x | ~~Not~~ known |

1966: Was water used? ~~Yes~~ What was the maximum rate of diversion (if known)? ~~Not known~~

Purpose ~~Domestic~~

Number of units served ~~125,000 persons~~

What quantity of water was used each month in gallons or acre-feet? (If not known check months water was used.)

| Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | x | x | x | x | x | ~~Not~~ known |

1967: Was water used? ~~Yes~~ What was the maximum rate of diversion (if known)? ~~Not known~~

Purpose ~~Domestic~~

Number of units served ~~150,000~~

What quantity of water was used each month in gallons or acre-feet? (If not known check months water was used.)

| Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| x | x | x | x | x | x | x | x | x | x | x | x | ~~Not~~ known |

If no water was used in one or more years, briefly state the reason:

2. If either the location of the point of diversion or place of use has changed and the permission of this Board has not yet been obtained, please describe nature of change

3. The project has been abandoned, and I request revocation of the license. ☐ Yes ☒ No

REMARKS
(If more space is needed, use reverse side)

Date ~~October 1,~~ 1967 Sign Here Dolph R. Stevens
(Name)

Please fill out carefully and return promptly to the State Water Rights Board, Room 1140, Resources Building, 1416 Ninth Street, Sacramento, California 95814.

1967

SWRB 17 (8-67) 12786-957 8-67 3500 Ⓓ OSP

REMARKS

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD
ROOM 1140, 1416 NINTH STREET
SACRAMENTO 95814

# Report of Licensee for the Years 1962, 1963 and 1964

OWNER OF RECORD: APPLICATION 9083

U S PINNACLES NATL MONUMENT
PAICINES,
CALIF

**Indicate Corrections Above If the Owner or Address Shown Are Incorrect**

SOURCE: (1) BEAR GULCH (2) HEADQUARTERS SPRING
(3) (4)
(5) (6)
(7)

LICENSE 3820

**THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF THE ABOVE-NUMBERED LICENSE**

1. Please give a specific answer in each of the following spaces in regard to beneficial use of water under the license:

1962: Was water used? Yes Amount (if known)
Purpose (irrigation, domestic, etc.) Sanitation, fire protection, domestic
Season of use (months) 12 months
Number of units served (acres, persons or ?) Park visitors: 81,475 in 1962

1963: Was water used? Yes Amount (if known)
Purpose Sanitation, fire protection, domestic
Season of use 12 months
Number of units served Park visitors: 97,007 in 1963

1964: Was water used? Yes Amount (if known)
Purpose Sanitation, fire protection, domestic
Season of use 12 months
Number of units served Park visitors: 105,000 in 1964 (estimate)

If no water was used in one or more of the years, briefly state the reason:

2. If either the location of the point of diversion or place of use has changed and the permission of this Board has not yet been obtained, please describe nature of change No change

3. If the project has been abandoned, please so state and license will be revoked
Not abandoned

REMARKS

DeLyle R. Stevens

Date November 13, 1964 Sign Here UNITED STATES OF AMERICA
Licensee
by: DeLyle R. Stevens
Superintendent
Pinnacles National Monument

YEAR 1964

FORM 91

10-05-1961: report of licensee for the years 1959-61: application no. 5047; license no. 3820

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD
1401 21st STREET
P. O. BOX 1592
SACRAMENTO

# Report of Licensee for the Years 1959, 1960 and 1961

**For the mutual benefit of licensee and the public a report is requested concerning the license noted below. With the information made available thereby this office will be in a position to readily advise licensee concerning new applications to appropriate from the same source or any other matters which might affect this appropriation. And if the report is carefully made it will enable this office to protect the owner of the license from any possibility of jeopardizing his rights under the license by reason of unauthorized changes in location of point of diversion or place of use, or otherwise. May we therefore have from you promptly a report upon the following matters? The reverse side of this sheet may be used if the spaces provided are inadequate.**

THIS REPORT SHOULD COVER USE BY ALL RECORD HOLDERS OF THIS LICENSE

SOURCE (1 and 6) Bear Gulch Cr. (2) Hdqtrs. Sp. (3) Condor Gulch Sp. (4) Bear Gulch Sp. (5) Moses Sp. APPLICATION 5047

LICENSE 3820

1. Names of all present holders of this license United States of America for Pinnacles
Address National Monument - National Park Service, Interior Building, Washington 25, D.C.

2. Was beneficial use of water made under this license in 1959? yes. In 1960? yes. In 1961? yes. If no use of water was made in any one or more of the past three years please state the reason

3. Describe briefly the use of water made during the past three years by all users under the license, indicating (a) the purposes for which used, i.e., power, municipal, mining, industrial, recreational, irrigation, domestic, etc.; (b) the season (particular months) of use; and (c) the amount, if known, and the extent of use, i.e., if for irrigation, give number of acres irrigated, if for domestic use give number of persons served, etc., The water has been used for domestic and sanitary purposes by the Monument employees and visiting public. There are nine permanent residents. There were 71,422 visitors in calendar year 1959; 72041 in 1960; and 63,289 to date (September 30) in 1961. The park is open and in use throughout the year. Heaviest visitor use occurs during the spring and fall months. Approximately 20% of the visitors spent the night in the park's campgrounds; the remainder stayed fractional days.

4. If either the location of point of diversion or place of use has been changed and the permission of this office has not yet been obtained, please describe nature of change Points of diversion have not been changed.

5. If the project has been abandoned, please so state and license will be revoked Not abandoned

UNITED STATES OF AMERICA
Licensee

Date October 5, 1961

(OVER)

By: (Sgd) John B. Wosky

John B. Wosky
Regional Chief of Operations
National Park Service, Region Four

FORM 81

YEAR 1961

44052-C 5-61 3M

**NOTE**

This space may be used for amplification of statements on the reverse side or other matters pertinent to this license.

DO NOT WRITE IN THIS SPACE

12-10-1958: report of licensee for the years 1956-58; application no. 9083; license no. 3820

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD
1401 21st STREET
P. O. BOX 1592
SACRAMENTO

# Report of Licensee for the Years 1956, 1957 and 1958

For the mutual benefit of licensee and the public a report is requested concerning the license noted below. With the information made available thereby this office will be in a position to readily advise licensee concerning new applications to appropriate from the same source or any other matters which might affect this appropriation. And if the report is carefully made it will enable this office to protect the owner of the license from any possibility of jeopardizing his rights under the license by reason of unauthorized changes in location of point of diversion or place of use, or otherwise. May we therefore have from you promptly a report upon the following matters? The reverse side of this sheet may be used if the spaces provided are inadequate.

THIS REPORT SHOULD COVER USE BY ALL RECORD HOLDERS OF THIS LICENSE

SOURCE (1) & (6) Bear Gulch Creek (2) Headquarters Spring (3) Condor Gulch Spring (4) Bear Gulch Spring (5) Moses Spring APPLICATION 9083 LICENSE 3820

1. Names of all present holders of this license The United States of America for Pinnacles National Monument
   Address National Park Service, Interior Building, Washington 25, D. C.
2. Was beneficial use of water made under this license in 1956? Yes. In 1957? Yes. In 1958? Yes. If no use of water was made in any one or more of the past three years please state the reason
3. Describe briefly the use of water made during the past three years by all users under the license, indicating (a) the purposes for which used, i.e., power, municipal, mining, industrial, recreational, irrigation, domestic, etc.; (b) the season (particular months) of use; and (c) the amount, if known, and the extent of use, i.e., if for irrigation, give number of acres irrigated, if for domestic use give number of persons served, etc., The water has been used for domestic and sanitary purposes by the Monument employees and visiting public. There are seven permanent residents. There were 40,291 visitors in Calendar Year 1956, 53,178 in 1957 and 50,233 in 1958 (November & December estimated). Approximately 12% of visitors spent the night in campground and the rest stayed fractional days. Water was used all year with 76% of use occurring in the seven months from March through September and 24% from October through February.
4. If either the location of point of diversion or place of use has been changed and the permission of this office has not yet been obtained, please describe nature of change No change
5. If the project has been abandoned, please so state and license will be revoked Not abandoned.

UNITED STATES OF AMERICA
*Licensee*

Date December 10, 1958 (OVER) By: (SGD) FRED T. JOHNSTON
Fred T. Johnston
Regional Chief of Operations
National Park Service, Region Four

FORM 81 YEAR 1958 75262 4-58 3M SPO

**NOTE**

This space may be used for amplification of statements on the reverse side or other matters pertinent to this license.

DO NOT WRITE IN THIS SPACE

11-02-1955: progress report by permittee for the year 1955: application no. 8969; permit no. 4857

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER
SACRAMENTO 5

# PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1955

**This report is of importance to you in establishing your water right. It will be used as a basis for action by the State Engineer. It should therefore be filled out carefully and returned promptly. See reverse side of this sheet.**

SOURCE Underground flow of Chalone Creek APPLICATION 8969

PERMIT 4957

## ANSWER ALL QUESTIONS—IF A QUESTION DOES NOT APPLY, SO STATE

1. Names of all parties who are owners of this water right United States of America for Pinnacles National Monument

   MAILING ADDRESS National Park Service, Washington 25, D. C.

2. Has the project been abandoned? No Has construction work commenced? Yes

3. Has all construction work been completed? No If not, give estimated date of completion 1960

4. State approximate cost of construction work on this project during the past 12 months None

   Describe briefly the portions of the project upon which the above amount was expended Not applicable

5. What remains to be done to complete the project? Extension to provide supplemental supply at Bear Gulch Area, enlarge system in Chalone Creek Area, and provide more modern water using facilities.

6. Has use of water commenced? Yes State amount used if known

   If so, check (x) purposes for which it was used and indicate acreage, number of persons, etc., served.

   (a) ☐ Irrigation — Total acres irrigated — Name crops served and acreage of each

   (b) ☐ Stock watering — Number of animals

   (c) ☐ Industrial — Nature of use

   (d) ☒ Domestic — Number of persons 10 in 2 residences — Area of garden, lawn, etc.

   (e) ☐ Mining — Method of water use

   (f) ☒ Recreational — Nature of use campground & picnic areas

   (g) ☐ Power — Installed horsepower capacity

   (h) ☐ Municipal — Approximate population

7. During what months was water used in 1955? All 12 months

   Do you expect to use it over a longer or different season in the future? No

   If so, state other months of use Not applicable

8. *Have you used as much water this year as you expect to use in any future year under this permit?* No

   If not, estimate year in which use will be full and complete About 1965

9. Has location of the intake or place of use been changed? No

## IF PROJECT INVOLVES STORAGE ANSWER 10 AND 11

10. Have you stored as much water in your reservoir during the 1954-55 collection season as you expect to store in any future collection season? Not applicable How much of the stored water has been used?

    Have you emptied the reservoir? If not, have you used all the water that you intend to use in any one season? State acre-feet used if known

11. During which months was water collected in the reservoir? Not applicable

NOV 2 1955

*Sign Here* [signature] Permittee

Date A. Van V. Dunn, Chief, Water Resources Sec.

(OVER)

YEAR 1955

FORM 67

22220 5 55 4M ③ GPO

## INSTRUCTIONS

Please bear in mind that neither the filing of an application nor the approval thereof constitutes a water right. Beneficial use alone establishes the right. When you have used the greatest amount of water you ultimately expect to use, and use has been made over the full period of the year intended, an inspection will be made and license will be issued confirming your right to the water theretofore actually put to beneficial use.

If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.

## REMARKS

The space below may be used for describing in greater detail progress which has already been made toward completion of the project and plans for further development. Particularly if the time heretofore allowed for completion of either construction or use has expired and further time is needed, the cause of failure to complete should be stated and an estimate given of additional time required.

Pinnacles is one of the few national monuments with erratic annual public attendance as follows:

| | | | |
|---|---|---|---|
| 1939 | 24,717 | 1952 | 26,111 |
| 1940 | 25,068 | 1953 | 41,698 |
| 1941 | 28,036 | 1954 | 39,172 |
| 1950 | 24,962 | 1955 | 36,322 |
| 1951 | 27,434 | | |

Attendance at most national parks and monuments is increasing annually at an accellerated rate, and has doubled in the past decade. During the same decade, Congress has made practically no increases in appropriations for construction and maintenance of public facilities, including water and sewer systems. Accordingly, all available annual appropriations are required for most urgent needs in such areas as Yosemite National Park, and project completion at areas such as Pinnacles National Monument must be deferred.

DO NOT WRITE IN THIS SPACE

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER

# Report of Licensee for the Years 1953, 1954 & 1955

For the mutual benefit of licensee and the public a report is requested concerning the license noted below. With the information made available thereby this office will be in a position to readily advise licensee concerning new applications to appropriate from the same source or any other matters which might affect this appropriation. And if the report is carefully made it will enable this office to protect the owner of the license from any possibility of jeopardizing his rights under the license by reason of unauthorized changes in location of point of diversion or place of use, or otherwise. May we therefore have from you promptly a report upon the following matters? The reverse side of this sheet may be used if the spaces provided are inadequate.

THIS REPORT SHOULD COVER USE BY ALL RECORD HOLDERS OF THIS LICENSE

APPLICATION 9083 LICENSE 3820

SOURCE (1 & 6) Bear Gulch Cr. (2) Headquarters spring (3) Condor Gulch Spr. (4) Bear Gulch Spring (5) Moses Spring and 5 other points

1. Names of all present holders of the license United States of America for Pinnacles National
   Address Monument - National Park Service, Interior Building, Washington 25, D. C.

2. Was beneficial use of water made under this license in 1953? Yes. In 1954? Yes.
   In 1955? Yes. If no use of water was made in any one or more of the past three years please state the reason

3. Describe briefly the use of water made during the past three years by all users under the license, indicating (a) the purposes for which used, i.e., power, municipal, mining, industrial, recreational, irrigation, domestic, etc.; (b) the season (particular months) of use; and (c) the amount, if known, and the extent of use, i.e., if for irrigation, give number of acres irrigated, if for domestic use give number of persons served, etc., The water has been used for domestic and sanitary purposes by the Monument employees and visiting public. There are 4 permanent residents. There were 41,698 visitors in 1953; 39,172 in 1954; and 36,322 in 1955 travel years from October 1 to September 30. There has been fairly uniform visitor count of 10% of the annual total in 7 of the 8 months of March through October, with peak travel of 15% in April and from 2% to 5% during winter months. Approximately 12% of visitors spent the night in campground and rest stayed fractional days.

4. If either the location of point of diversion or place of use has been changed and the permission of this office has not yet been obtained, please describe nature of change Points of diversion have not been changed.

5. If the project has been abandoned, please so state and license will be revoked Not abandoned

Date NOV 2 1955

A. van V. Dunn, Chief, Water Resources Section, National Park Service
Licensee

(OVER)

FORM 91

YEAR 1955

22210 8-55 2M © GPO

**NOTE**

This space may be used for amplification of statements on the reverse side or other matters pertinent to this license.

DO NOT WRITE IN THIS SPACE

05-19-1952: license for diversion and use of water: application no. 9083; permit 5047, license no. 3820

ST )F CALIFORNIA—DEPARTMI F PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER

# License for Diversion and Use of Water

APPLICATION 9083 PERMIT 5047 LICENSE 3820

THIS IS TO CERTIFY, *That* United States - Pinnacles National Monument
National Park Service
Interior Building
Washington 25, D. C.
*has made proof as of* May 19, 1952
*(the date of inspection) to the satisfaction of the State Engineer of California of a right to the use of the water of*
(1) and (1a) Bear Gulch Creek, and (2) Headquarters Spring, in San Benito County

*tributary to* Chalone Creek thence Salinas River

*for the purpose of* domestic and fire protection uses
*under Permit* 5047 *of the Department of Public Works and that said right to the use of said water has been perfected in accordance with the laws of California, the Rules and Regulations of the Department of Public Works and the terms of the said permit; that the priority of the right herein confirmed dates from* August 19, 1937;
*and that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to the amount actually beneficially used for said purposes and shall not exceed* a total of one hundredth (0.01) cubic foot per second by direct diversion and thirty-two and six tenths (32.6) acre-feet per annum by storage for domestic purposes, or a total of forty-three thousandths (0.043) cubic foot per second by direct diversion and thirty-six and six tenths (36.6) acre-feet per annum by storage for domestic and fire protection purposes, as follows:

| Point of diversion | Amount for domestic purposes | Amount for domestic and fire protection purposes |
|---|---|---|
| Bear Gulch Creek at point (1) | 32.6 acre-feet per annum | 36.6 acre-feet per annum |
| | 0.0015 cubic foot per second | 0.0015 cubic foot per second |
| Bear Gulch Creek at point (1a) | 0.0026 cubic foot per second | 0.0336 cubic foot per second |
| Headquarters Spring at point (2) | 0.0019 cubic foot per second | 0.0019 cubic foot per second, |

the season of direct diversion to be from January 1 to December 31 of each year and the season of collection to storage to be from about November 1 of each year to about May 1 of the succeeding year; provided, however, that nothing herein contained shall be construed as confirming in licensee any right which shall be good as against a subsequent appropriator, to an amount for fire protection purposes in excess of what is reasonably necessary to maintain an adequate reserve in storage for fire protection purposes except when there exists an actual need thereof for fire fighting use.

*The point* of diversion of such water are *located as follows:*

(1) South thirty-six degrees thirty minutes west (S36°30'W) three thousand seven hundred five (3705) feet from center of Section 2, T 17 S, R 7 E, MDBAM, being within NW¼ of NW¼ of Section 11, T 17 S, R 7 E, MDBAM.

(1a) South forty degrees thirty-eight minutes west (S40°38'W) two thousand eight hundred seventy-nine (2879) feet from center of Section 2, T 17 S, R 7 E, MDBAM, being within SW¼ of SW¼ of said Section 2.

(2) South fifty-five degrees eight minutes west (S55°08'W) two thousand one hundred seventy-three (2173) feet from center of Section 2, T 17 S, R 7 E, MDBAM, being within NW¼ of SW¼ of said Section 2.

*A description of the lands or the place where such water is put to beneficial use is as follows:*

within S½ of E½ of Section 2, SE¼ of Section 2, and NW¼ of NW¼ of Section 11, T 17 S, R 7 E, MDBAM.

*All rights and privileges under this license including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the Department acting through the State Engineer in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water.*

*Reports shall be filed promptly by licensee on appropriate forms which will be provided for the purpose from time to time by the State Engineer.*

*The right hereby confirmed to the diversion and use of water is restricted to the point or points of diversion herein specified and to the lands or place of use herein described.*

FORM 64

*This license is granted and licensee accepts all rights herein confirmed subject to the following provisions of the Water Code:*

Section 1625. Each license shall be in such form and contain such terms as may be prescribed by the Department.

Section 1626. All licenses shall be under the terms and conditions of this division (of the Water Code).

Section 1627. A license shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code) but no longer.

Section 1628. Every license shall include the enumeration of conditions therein which in substance shall include all of the provisions of this article and the statement that any appropriator of water to whom a license is issued takes the license subject to the conditions therein expressed.

Section 1629. Every licensee, if he accepts a license does so under the conditions precedent that no value whatsoever in excess of the actual amount paid to the State therefor shall at any time be assigned to or claimed for any license granted or issued under the provisions of this division (of the Water Code), or for any rights granted or acquired under the provisions of this division (of the Water Code), in respect to the regulation by any competent public authority of the services or the price of the services to be rendered by any licensee or by the holder of any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of sale to or purchase, whether through condemnation proceedings or otherwise, by the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any licensee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Section 1630. At any time after the expiration of twenty years after the granting of a license, the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State shall have the right to purchase the works and property occupied and used under the license and the works built or constructed for the enjoyment of the rights granted under the license.

Section 1631. In the event that the State, or any city, city and county, municipal water district, irrigation district, lighting district, or political subdivision of the State so desiring to purchase and the owner of the works and property can not agree upon the purchase price, the price shall be determined in such manner as is now or may hereafter be provided by law for determining the value of property taken in eminent domain proceedings.

*Witness my hand and the seal of the Department of Public Works of the State of California, this* 17th *day of* September, 19 53

A. D. EDMONSTON, *State Engineer*

By _____
Harvey O. Banks
Assistant State Engineer

LICENSE 3820

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER

LICENSE
TO APPROPRIATE WATER

ISSUED TO Pinnacles National Monument

DATED _____

ADDIT 7-51 3M S1416 PRINTING OFFICE

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER

# ORDER

APPLICATION 9083 PERMIT 5047 LICENSE

## ORDER ALLOWING CHANGE IN POINTS OF DIVERSION

Permittee having established to the satisfaction of the State Engineer that the change in points of diversion under Application 9083, Permit 5047, for which petition was submitted on May 25, 1953 will not operate to the injury of any other legal user of water, the State Engineer so finds, and

IT IS ORDERED that permission be and the same is hereby granted to change the points of diversion under said Application 9083, Permit 5047, to points of diversion described as follows, to wit:

DIVERSION 1 - BEAR GULCH CREEK DAM: 80 ACRE-FEET PER ANNUM BY STORAGE AND 0.0015 CFS BY DIRECT DIVERSION AT A POINT LOCATED S 36° 30' W, 3705 FEET FROM CENTER OF SECTION 2, T 17 S, R 7 E, MDB&M, BEING WITHIN NW¼ OF NW¼ OF SECTION 11, T 17 S, R 7 E, MDB&M.

DIVERSION 1a - BEAR GULCH CREEK: 0.0396 CFS BY DIRECT DIVERSION AT A POINT LOCATED S 40° 38' W, 2879 FEET FROM CENTER OF SECTION 2, T 17 S, R 7 E, MDB&M, BEING WITHIN SW¼ OF SW¼ OF SAID SECTION 2.

DIVERSION 2 - HEADQUARTERS SPRING: 0.0019 CFS BY DIRECT DIVERSION AT A POINT LOCATED S 55° 08' W, 2173 FEET FROM CENTER OF SECTION 2, T 17 S, R 7 E, MDB&M, BEING WITHIN NW¼ OF SW¼ OF SAID SECTION 2.

WITNESS my hand and the seal of the Department of Public Works of the State of California this 29th day of June, 1953.

A. D. Edmonston
State Engineer

PETITION FOR CHANGE IN POINT OF DIVERSION

Application 9083 Permit 5047 License _____

Division of Water Resources
401 Public Works Building
Sacramento, California

Gentlemen:

I hereby request permission to change the point of diversion described in the above numbered filing to a point described as follows and as shown on the map ~~heretofore~~ previously submitted:

Change 0.0015 cfs from Bear Gulch Spring (Diversion 4) to Bear Gulch Creek (Give tie by bearing and distance or by coordinate distances from some government corner and the 40 acre subdivision in which the new point of diversion lies). Change 0.04 cfs from Bear Gulch Creek (Diversion 6) to Dam (Diversion 1). Change 0.0004 cfs at Headquarters Spring (Diversion 2) and 0.0396 cfs at Bear Gulch Creek (Diversion 1a). No change in ties in connection with Diversions 1, 1a and 2. also designated as Point of Rediversion on Drawing NM-PIN-6975.

GIVE REASON FOR PROPOSED CHANGE Water taken under control at latter points.

WILL THE OLD POINT OF DIVERSION BE ABANDONED? Yes

WATER WILL BE USED FOR domestic and fire protection PURPOSES.

I have access to the proposed new point of diversion by virtue of ownership.
(Ownership, lease, verbal or written agreement)

Are there any persons taking water from the stream between the old point of diversion and the new point of diversion?

No
(Answer "Yes" or "No")

Give names and addresses: _____

This change does not involve the introduction of any new source or any increase in the amount of the appropriation.

United States of America
By: _____
(Signature)

Assistant Director,
National Park Service,
Department of the Interior

April 17, 1953
Date

Form 104
4-5-51

10-12-1951: progress report by permittee for the year 1951: application 9083; permit 5047

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER
SACRAMENTO 5

# PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1951

This report is of importance to you in establishing your water right. It will be used as a basis for action by the State Engineer. It should therefore be filled out carefully and returned promptly.

Please bear in mind that neither the filing of an application nor the approval thereof constitutes a water right. Beneficial use alone establishes the right. When you have used the greatest amount of water you ultimately expect to use, and use has been made over the full period of the year intended, an inspection will be made and license will be issued confirming your right to the water theretofore actually put to beneficial use.

If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.

The reverse side of this sheet may be used if the spaces provided are inadequate.

APPLICATION 9083 PERMIT 5047 SOURCE Condor Gulch Spring, Bear Gulch Spring, Bear Gulch Creek, Headquarters spring, Recre., and Moses Spring

1. *Name* of present owner of permit United States of America (for Pinnacles National Monument)

   *Address* National Park Service, Washington 25, D. C.

2. Has the project been abandoned? No 3. Is construction *complete*? No

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
   Moses Spring (Diversion No. 5) has not been diverted because flow is not now considered adequate to justify the expense of the development. Condor Gulch Spring (Diversion No. 3) has not been diverted because it is subject to pollution and only used for stock watering. Bear Gulch Spring (Diversion No. 4) has been allowed to discharge into the reservoir behind Diversion No. 1.

5. If additional construction is required please indicate date when it will be complete See note on reverse.

6. Describe any construction work done during the past 12 months and state the estimated cost including labor
   No construction, but hydrological and sanitary studies were continued.

7. Has use of water commenced? Yes If so, describe use made during the past 12 months The water system now provides the major supply for all visitors to the Monument, and for the employees and their families.
   If permit is for irrigation, state acreage irrigated; if for domestic use, state number of persons served, etc.

8. During which months was water used? All 12 months.

9. Will water be used during any other months? No.

10. Have you used as much water as you expect to use under this permit? Yes.
    If not, when will such use be full and complete? See note on reverse
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.

11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

United States of America,

SIGN HERE By: (SGD) GORDON W. ROBERTSON
Permittee

Date October 12, 1951.

(OVER)

Acting Chief, Water Resources Branch,
National Park Service,
Department of the Interior

FORM 67

YEAR 1951

STATE PRINTING OFFICE

10-12-1951: progress report by permittee for the year 1951: application 9083; permit 5047

**NOTE**

The space below may be used for describing in greater detail progress which has already been made toward completion of the project and plans for further development. Particularly if the time heretofore allowed for completion of either construction or use has expired and further time is needed, the causes of failure to complete should be stated and an estimate given of additional time required.

All available water has been used from those springs which have been diverted, and it is now proposed to abandon plans to divert the other springs. Any additional potable water is to be provided from Chalone Creek under Water Right Application No. 8969, Permit 4957.

As much as 30.3 acre-feet of water have been drained from the impounding reservoir at Diversion No. 1, in one year--the total storage being 36.6 acre-feet when the reservoir is now full. Approximately half of the 30.3 acre-feet, however, is lost from seepage through the dam during the flood period when the upper portion of the reservoir is filled. During average years, when the reservoir does not fill, the beneficial use and normal evaporation for the year have varied from 6.8 acre-feet to 15.2 acre-feet.

We have the alternatives of stopping the leakage through the dam, or of reducing the use and claims to water from Diversion No. 1 and the rediversion. We are deferring a decision on this point and the submission of final proof, pending completion of the Chalone Creek water system in order to give further study to the variations in annual run-off from above Diversion No. 1.

DO NOT WRITE IN THIS SPACE

11-03-1950: progress report by permittee for the year 1950: application 9083; permit no. 5047

STATE [redacted]ALIFORNIA—DEPARTMENT O[redacted]UBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER
SACRAMENTO 5

Pinnacles Decl 5

# PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1950

**This report is of importance to you in establishing your water right. It will be used as a basis for action by the State Engineer. It should therefore be filled out carefully and returned promptly.**

**Please bear in mind that neither the filing of an application nor the approval thereof constitutes a water right. Beneficial use alone establishes the right. When you have used the greatest amount of water you ultimately expect to use, and use has been made over the full period of the year intended, an inspection will be made and license will be issued confirming your right to the water theretofore actually put to beneficial use.**

**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

**The reverse side of this sheet may be used if the spaces provided are inadequate.**

APPLICATION 9083 PERMIT 5047 SOURCE (1 & 6) Bear gulch Cr. (2) Headquarters spring-Recre. (3) Condor GulchSpr. (4) Bear Gulch Spr. (5) Moses Spr.

1. *Name* of present owner of permit United States of America (for Pinnacles National Monument)

*Address* National Park Service, Washington 25, D. C.

2. Has the project been abandoned? No 3. Is construction *complete*? No

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed

Moses Spring (Diversion No. 5) has not been diverted because flow is not now considered adequate to justify the expense of the development. Condor Gulch Spring (Diversion No. 3) has not been diverted because it is subject to pollution and only used for stock watering. Bear Gulch Spring (Diversion No. 4) has been allowed to discharge into the reservoir behind Diversion No. 1.

5. If additional construction is required please indicate date when it will be complete See note on reverse.

6. Describe any construction work done **during the past 12 months** and state the estimated cost including labor

No construction.

7. Has use of water commenced? Yes. If so, describe use made during the past 12 months The water system now provides the major supply for all visitors to the Monument, and for the employees and their families.
If permit is for irrigation, state acreage irrigated; if for domestic use, state number of persons served, etc.

8. During which months was water used? All 12 months.

9. Will water be used during any other months No.

10. Have you used as much water as you expect to use under this permit? Yes.

If not, when will such use be full and complete? See note on reverse
If necessary, use the reverse side of this sheet to explain your answers in this paragraph.

11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

United States of America,

SIGN HERE By: (SGD.) A. VAN V. DUNN,
Permittee

Date Nov. 3, 1950

(OVER)

Chief, Water Resources Branch,
National Park Service,
Department of the Interior

FORM 67

YEAR 1950

STATE PRINTING OFFICE

**NOTE**

The space below may be used for describing in greater detail progress which has already been made toward completion of the project and plans for further development. Particularly if the time heretofore allowed for completion of either construction or use has expired and further time is needed, the causes of failure to complete should be stated and an estimate given of additional time required.

All available water has been used from those springs which have been diverted, and it is now proposed to abandon plans to divert the other springs. Any additional potable water is to be provided from Chalone Creek under Water Right Application No. 8969, Permit 4957.

As much as 30.3 acre-feet of water have been drained from the impounding reservoir at Diversion No. 1, in one year-the total storage being 36.6 acre-feet when the reservoir is now full. Approximately half of the 30.3 acre-feet, however, results from seepage through the dam during the flood period when the upper portion of the reservoir is filled. During average years, when the reservoir does not fill, the beneficial use and normal evaporation for the year have varied from 6.8 acre-feet to 15.2 acre-feet.

We have the alternatives of stopping the leakage through the dam, or of reducing the use and claims to water from Diversion No. 1 and the rediversion. We are deferring a decision on this point and the submission of final proof, pending completion of the Chalone Creek water system in order to give further study to the variations in annual run-off from above Diversion No. 1.

DO NOT WRITE IN THIS SPACE

10-12-1949: progress report by permittee: application no. 9083; permit no. 5047

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER
SACRAMENTO 5

Pinnacles N.M.
Reel 5

# PROGRESS REPORT BY PERMITTEE

**This report is of importance to you in establishing your water right. It will be used as a basis for action by the State Engineer. It should therefore be filled out carefully and returned promptly.**

**Please bear in mind that neither the filing of an application nor the approval thereof constitutes a water right. Beneficial use alone establishes the right. When you have used the greatest amount of water you ultimately expect to use, and use has been made over the full period of the year intended, an inspection will be made and license will be issued confirming your right to the water theretofore actually put to beneficial use.**

**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

**The reverse side of this sheet may be used if the spaces provided are inadequate.**

APPLICATION 9083 PERMIT 5047 SOURCE (1&6) Bear Gulch Cr. (2) Headquarters Spring (3) Condor Gulch Spr. (4) Bear Gulch Spr. (5) Moses Spr.

1. *Name* of present owner of permit United States of America, Dept. of the Interior, National Park Service, (Pinnacles National Monument)

*Address* National Park Service, Interior Building, Washington 25, D. C.

2. Has the project been abandoned? No 3. Is construction *complete*? No

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed

The completion of this project is in suspended status pending appropriation of funds by Congress.

5. If additional construction is required please indicate date when it will be complete 2 to 5 years.

6. Describe any construction work done during the past 12 months and state the estimated cost including labor

No construction in 1949.

7. Has use of water commenced? Yes. If so, describe use made during the past 12 months The reservoir at diversion 6 was filled for the first time in a number of years, and the number of visitors to the Monument increased to 23,918 in 1949, or 20% over 1948, with proportionate increase in water use.
(If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.)

8. During which months was water used? All months.

9. Will water be used during any other months No.

10. Have you used as much water as you expect to use under this permit? Yes.

If not, when will such use be full and complete?
(If necessary, use the reverse side of this sheet to explain your answers in this paragraph.)

11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

United States of America,
Department of the Interior,
National Park Service,

SIGN HERE By: (SGD.) A. VAN V. DUNN
Permittee

Date October 12, 1949.

(OVER)

Chief, Water Resources Branch.

FORM 67

YEAR 1949

STATE PRINTING OFFICE

**NOTE**

The space below may be used for describing in greater detail progress which has already been made toward completion of the project and plans for further development. Particularly if the time heretofore allowed for completion of either construction or use has expired and further time is needed, the causes of failure to complete should be stated and an estimate given of additional time required.

DO NOT WRITE IN THIS SPACE

10-29-1948: progress report by permittee: application no. 9083; permit no. 5047

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER
SACRAMENTO 5

# PROGRESS REPORT BY PERMITTEE

This report is of importance to you in establishing your water right. It will be used as a basis for action by the State Engineer. It should therefore be filled out carefully and returned promptly.

**Please bear in mind that neither the filing of an application nor the approval thereof constitutes a water right. Beneficial use alone establishes the right. When you have used the greatest amount of water you ultimately expect to use, and use has been made over the full period of the year intended, an inspection will be made and license will be issued confirming your right to the water theretofore actually put to beneficial use.**

**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

**The reverse side of this sheet may be used if the spaces provided are inadequate.**

APPLICATION 9083 PERMIT 5047 SOURCE (1 & 6) Bear Gulch Cr. (2) Headquarters spring (3) Condor Gulch Spr. (4) Bear Gulch Spr. (5) Reeve Spring.

1. *Name* of present owner of permit United States of America, Department of the Interior, National Park Service. (Pinnacles National Monument).

   *Address* National Park Service, Interior Building, Washington 25, D. C.

2. Has the project been abandoned? No 3. Is construction *complete*? No

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
   The basic change still to be made in the system is to modify the design and operation of the dam (Diversion 6) to eliminate nuisance caused by algae growth when water is retained for several years. This will reduce claims for storage of water, for which an alternate supply will be provided under related Application No. 8969.

5. If additional construction is required please indicate date when it will be complete 3 to 6 years.

6. Describe any construction work done **during the past 12 months** and state the estimated cost including labor
   No construction, but a revised design has been practically completed.

7. Has use of water commenced? Yes. If so, describe use made **during the past 12 months** All water was used except storage at Diversion 6, part of which is carried over for as much as 6 years for sanitary and fire protection purposes. Proof for license should be deferred until new plans and water use schedule are properly approved.
   If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.

8. During which months was water used? All months.

9. Will water be used during any other months No.

10. Have you used as much water as you expect to use under this permit? Yes.

    If not, when will such use be full and complete?
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.

11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

Date October 29, 1948.

SIGN HERE United States of America, Department of the Interior, National Park Service, By (SGD.) A. VAN V. DUNN, Chief, Water Resources Branch. Permittee

(OVER)

FORM 67

YEAR 1948

STATE PRINTING OFFICE

**NOTE**

The space below may be used for describing in greater detail progress which has already been made toward completion of the project and plans for further development. Particularly if the time heretofore allowed for completion of either construction or use has expired and further time is needed, the causes of failure to complete should be stated and an estimate given of additional time required.

DO NOT WRITE IN THIS SPACE

11-20-1947: progress report by permittee: application no. 9083; permit no. 5047

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER
SACRAMENTO 5

# PROGRESS REPORT BY PERMITTEE

**This report is of importance to you in establishing your water right. It will be used as a basis for action by the State Engineer. It should therefore be filled out carefully and returned promptly.**

**promptly.**

**Please bear in mind that neither the filing of an application nor the approval thereof constitutes a water right. Beneficial use alone establishes the right. When you have used the greatest amount of water you ultimately expect to use, and use has been made over the full period of the year intended, an inspection will be made and license will be issued confirming your right to the water theretofore actually put to beneficial use.**

**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

**The reverse side of this sheet may be used if the spaces provided are inadequate.**

APPLICATION 9083 PERMIT 5047 SOURCE (1 & 6) Bear Gulch Cr., etc.

1. *Name* of present owner of permit United States of America, Department of the Interior, National Park Service. (Pinnacles National Monument.)
   *Address* / Director, National Park Service, Interior Building, Washington 25, D. C.
2. Has the project been abandoned? No 3. Is construction *complete*? Yes, except for architectural features.
4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
   No additional construction needed to permit full proposed use of water.
5. If additional construction is required please indicate date when it will be complete --
6. Describe any construction work done **during the past 12 months** and state the estimated cost including labor
   None.
7. Has use of water commenced? Yes. If so, describe use made **during the past 12 months** The system as
   (If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.)
   now constructed has provided practically all water used by the employees and visitors at Pinnacles National Monument during the past 12 months. The month of peak use was April 1947 when employees and their families constituted a population of 9 with normal residential rate of water consumption, and when there was a total of 2647 visitors who spent 3110 visitor days in the Park. Peak attendance was on April 6, with 625 visitors, of which 15 spent the night.
8. During which months was water used? All 12 months.
9. Will water be used during any other months No.
10. Have you used as much water as you expect to use under this permit? Yes, of the spring flow, but not of the water stored at dam (Diversion No. 1). See reverse of thispage.
    If not, when will such use be full and complete?
    (If necessary, use the reverse side of this sheet to explain your answers in this paragraph.)
11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

SIGN HERE By United States of America, Department of the Interior, National Park Service, (SGD.) A VAN V. DU[illegible] Chief, Water Division. Permittee

Date November 20, 1947.

(OVER)

FORM 67

YEAR 1947

STATE PRINTING OFFICE

**NOTE**

The space below may be used for describing in greater detail progress which has already been made toward completion of the project and plans for further development. Particularly if the time heretofore allowed for completion of either construction or use has expired and further time is needed, the causes of failure to complete should be stated and an estimate given of additional time required.

As a result of study during the war, it has been determined that it is not practical to complete the diversion of springs which have not yet been brought into the water system. It has also been found that annual carry-over water stored at Diversion No. 1 dam becomes obnoxious if not partially flushed by seasonal overflow or careful treatment. It is planned, therefore, to reduce the claim under this permit, and make final proof for license in the next year or two on the basis of present development, and to provide the additional water needed in the Bear Gulch area from Chalone Creek under Permit No. 4957 as it will be amended. Final proof is being deferred at this time in order to permit further study of the relation of annual consumption, evaporation, annual variations in carry-over storage, and the growth of algae in the reservoir at Diversion No. 1; in order that proper proof can be made.

DO NOT WRITE IN THIS SPACE

10-01-1946: progress report by permittee: application no. 9083; permit no. 5047

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER
SACRAMENTO 5

# PROGRESS REPORT BY PERMITTEE

This report is of importance to you in establishing your water right. It will be used as a basis for action by the State Engineer. It should therefore be filled out carefully and returned promptly.

**promptly.**

**Please bear in mind that neither the filing of an application nor the approval thereof constitutes a water right. Beneficial use alone establishes the right. When you have used the greatest amount of water you ultimately expect to use, and use has been made over the full period of the year intended, an inspection will be made and license will be issued confirming your right to the water theretofore actually put to beneficial use.**

**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

**The reverse side of this sheet may be used if the spaces provided are inadequate.**

APPLICATION 9083 PERMIT 5047 SOURCE (1 & 6) Bear Gulch Cr. (2) Headquarters spring (3) Condor Gulch Spr. (4) Bear Gulch Spr. (5) Moses Spr.

1. *Name* of present owner of permit United States of America, Department of the Interior, National Park Service. (Pinnacles National Monument.)
   *Address* Director, National Park Service, Merchandise Mart, Chicago 54, Illinois.
2. Has the project been abandoned? No 3. Is construction *complete*? No
4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed

Diversions Nos. 3 and 5, at Condor Gulch and Moses Springs, respectively, are still to be made; some additional facing is needed on the dam at Diversion No. 1; and the dam at Diversion No. 6 has not been built to ultimate size.

5. If additional construction is required please indicate date when it will be complete Soon after national housing shortage is remedied.
6. Describe any construction work done during the past 12 months and state the estimated cost including labor

No construction except routine maintenance. Work of this type has been deferred under the War Manpower and Reconversion Directive No. 128. See letter of September 26, 1946, from A. van V. Dunn to State Engineer with regard to Mariposa Water System at Yosemite National Park, Application 6729, Permit 3549.

7. Has use of water commenced? Yes If so, describe use made during the past 12 months All available water
   If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.
   from Diversion No. 1 is fully used. All water from Diversion No. 4 and flood flow of Bear Gulch is impounded annually at Diversion No. 1 to capacity of reservoir, or to extent of total flow if less than such capacity, for potential use in fire fighting. Part of the impounded water at Diversion No. 1 is released, as needed, and commingled with seepage and flow from Moses Spring. Diversion No. 5, is diverted at Diversion No. 6 and used in sanitary water system.
8. During which months was water used? All 12 months.
9. Will water be used during any other months? XXXX --
10. Have you used as much water as you expect to use under this permit? No.
    If not, when will such use be full and complete? Condor Gulch Spring, Diversion No. 3, must be added to system first.
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.
11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

SIGN HERE United States of America, Department of the Interior, National Park Service, (SGD.) A. VAN V. DUNN Permittee
Chief, Water Rights Division.

Date October 1, 1946.

(OVER)

FORM 67

YEAR 1946

STATE PRINTING OFFICE

**NOTE**

The space below may be used for describing in greater detail progress which has already been made toward completion of the project and plans for further development. Particularly if the time heretofore allowed for completion of either construction or use has expired and further time is needed, the causes of failure to complete should be stated and an estimate given of additional time required.

DO NOT WRITE IN THIS SPACE

11-02-1945: progress report by permittee

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

File Pinnacles

# PROGRESS REPORT BY PERMITTEE

This report is of importance to you in establishing your water right. It will be used as a basis for action by the Division of Water Resources. It should therefore be filled out carefully and returned promptly.

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If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.

The reverse side of this sheet may be used if the spaces provided are inadequate.

APPLICATION 9083 PERMIT 5047 SOURCE (1 & 6) Bear Gulch Cr. (2) Headquarters Spring (3) Condor Gulch Cr. (4) Bear Gulch Spr. (5) Moses Spr.

1. *Name* of present holder of permit United States of America, Department of the Interior, National Park Service. (Pinnacles National Monument.)

   *Address* Director, National Park Service, Merchandise Mart, Chicago 54, Illinois.

2. Has the project been abandoned? No 3. Is construction *complete*? No

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed Additional construction as listed in report for 1942 is still applicable. Only maintenance work has continued during the war.

5. If additional construction is required please indicate date when it will be complete During 1946 and 1947 if Congress provides the requested funds.

5. Describe any construction work done during the past 12 months and state the estimated cost including labor None.

7. Has use of water commenced? Yes. If so, describe use made during the past 12 months The lodge and custodian's office and residence have been in continuous use with resulting water use. Public attendance to the Monument in September 1945 totalled 1631 people as compared with 284 in September 1944 to illustrate that public water use is already returning to normal as a result of the relaxation of wartime travel restrictions.
   If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.

8. During which months was water used? All months.

9. Will water be used during any other months No.

10. Have you used as much water as you expect to use under this permit? No.

    If not, when will such use be full and complete? There has been insufficient water since before the war. Full use will be made as soon as system is completed.
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.

11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

United States of America,
Department of the Interior,
National Park Service,
(SGD.) A. VAN V. DUNN
SIGN HERE Chief, Water Rights Division. Permittee

Date November 2, 1945.

(OVER)

YEAR 1945

FORM 67

STATE PRINTING OFFICE

**NOTE**

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DO NOT WRITE IN THIS SPACE

10-12-1944: progress report by permittee

Pinnacles Ward 5.

FORM 67

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

# PROGRESS REPORT BY PERMITTEE

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**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

**The reverse side of this sheet may be used if the spaces provided are inadequate.**

APPLICATION 9083 PERMIT 5047 SOURCE Bear Gulch Cr., etc.

1. *Name* of present holder of permit United States of America, Pinnacles National Monument

   *Address* Pinnacles, California

2. Has the project been abandoned? No 3. Is construction *complete*? No

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed

   There has been no change in status during the year.

5. If additional construction is required please indicate date when it will be complete About 2 years after close of war.

6. Describe any construction work done **during the past 12 months** and state the estimated cost including labo

   No construction but normal maintenance done on existing works.

7. Has use of water commenced? Yes If so, describe use made **during the past 12 months**.
   If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.

   System now operating at less than ultimate capacity but all water flowing being put to beneficial use.

8. During which months was water used? All year.

9. Will water be used during any other months? ----

10. Have you used as much water as you expect to use under this permit? No

    If not, when will such use be full and complete? About 2 years after close of war.
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.

11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

Date October 12, 1944

SIGN HERE W. J. K. [signature]
Permittee

(OVER)

YEAR 1944

STATE PRINTING OFFICE

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For detailed explanation of suspension of activities see letter from Hydraulic Engineer A. van V. Dunn of September 11, 1942, and your reply to him of September 16, 1942.

DO NOT WRITE IN THIS SPACE

10-23-1943: progress report by permittee: appl. no. 9083 permit no. 5047

COPY

FORM 67

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

# PROGRESS REPORT BY PERMITTEE

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**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

**The reverse side of this sheet may be used if the spaces provided are inadequate.**

APPLICATION 9083 PERMIT 5047 SOURCE Bear Gulch Creek, Headquarters Spring, Condor Gulch Spring, Bear Gulch Spring, and Moses Spring.

1. *Name* of present holder of permit United States of America, Pinnacles National Monument

   *Address* Pinnacles, California

2. Has the project been abandoned? No 3. Is construction *complete*? No

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed

There has been no change in status during the past year.

5. If additional construction is required please indicate date when it will be complete about 2 years after close of war.

6. Describe any construction work done **during the past 12 months** and state the estimated cost including labo

There was no further construction but normal maintenance was done on the existing system.

7. Has use of water commenced? Yes If so, describe use made **during the past 12 months**
   If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.

The system is now in operation but at less than ultimate capacity due to incomplete status of diversion works, lack of some distribution laterals, and general lack of demand due to reduced Park Service operation during the war.

8. During which months was water used? All the year.

9. Will water be used during any other months? --

10. Have you used as much water as you expect to use under this permit? No

    If not, when will such use be full and complete? About 2 years after close of war.
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.

11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

Date Oct. 23, 1943.

SIGN HERE /s/ W. I. Hawkins, Custodian
Permittee

(OVER)

YEAR 1943.

STATE PRINTING OFFICE

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**For detailed explanation** of suspension of activities see letter from Hydraulic Engineer A. van V. Dunn of September 11, 1942, and your reply to him of September 16, 1942, with regard to the following water rights:

Application 6729 - U.S. Yosemite National Park
Application 8969 - U.S. Pinnacles National Monument
Application 9083 - U.S. Pinnacles National Monument
Application 9509 - U.S. Death Valley National Monument
Application 9510 - U.S. Death Valley National Monument
Application 9712 - U.S. Lassen Volcanic National Park
Application 10001 - U.S. Death Valley National Monument
Application 10002 - U.S. Death Valley National Monument
Application 10118 - U.S. Death Valley National Monument
Application 10119 - U.S. Death Valley National Monument
Application 10276 - U.S. Death Valley National Monument

The water system covered by this permit had been completed to the point where it could be used when work was stopped because of the more urgent wartime needs of the United States. Because of the general curtailment of operations in the national parks and monuments, the limited appropriation is serving immediate needs.

DO NOT WRITE IN THIS SPACE

00-00-1942: progress report by permittee: appl. no. 9083, permit no. 5047

COPY

FORM 67

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORK
DIVISION OF WATER RESOURCES
SACRAMENTO

Deed 5

# PROGRESS REPORT BY PERMITTEE

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**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

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APPLICATION 9083 PERMIT 5047 SOURCE Bear Gulch Creek and 4 other points.

1. *Name* of present holder of permit United States of America, Pinnacles National Monument
   *Address* Pinnacles, California
2. Has the project been abandoned? ____ 3. Is construction *complete*? No
4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
   Diversions 3, Condor Gulch Spring, and 5, Moses Spring, have not been diverted, and dam at Diversion 6 is not to full height.
5. If additional construction is required please indicate date when it will be complete See note on reverse.
6. Describe any construction work done **during the past 12 months** and state the estimated cost including labo
   There was only routine maintenance of existing installation.
7. Has use of water commenced? Yes If so, describe use made **during the past 12 months** A small lodge, public comfort stations, an employees' residence, and administration office were supplied with water throughout the year.
   If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.
8. During which months was water used? Throughout the year as needed.
9. Will water be used during any other months Yes.
10. Have you used as much water as you expect to use under this permit? No.
    If not, when will such use be full and complete? See note on reverse.
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.
11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

Date 1942 SIGN HERE ____ Permittee
(OVER) W. I. Hawkins, Custodian.
YEAR 1942

STATE PRINTING OFFICE

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This water right application has been suspended temporarily because of war conditions. See your letter to Hydraulic Engineer A. van V. Dunn of our San Francisco Office, dated Sept. 16, 1942.

DO NOT WRITE IN THIS SPACE

10-14-1941: progress report by permittee: appl. no. 9083, permit no. 5047

COPY

FORM 67

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

# PROGRESS REPORT BY PERMITTEE

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APPLICATION 9083 PERMIT 5047 SOURCE Bear Gulch Creek and 4 other points.

1. *Name* of present holder of permit U.S.Dept. of Interior, National Park Service, Pinnacles National Monument.
   *Address* Pinnacles, Calif.
2. Has the project been abandoned? No 3. Is construction *complete*? No
4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
Diversion dam at Diversion No. 1 must still be raised 3 feet on the downhill slope, and approximately 8 feet on the uphill slope to complete masonry facing. Diversion No. 5 has not been connected to the system.
5. If additional construction is required please indicate date when it will be complete 1946.
6. Describe any construction work done during the past 12 months and state the estimated cost including labor
The core wall of the dam at Diversion No. 1 was raised approximately 4 feet, and the masonry paving on the downstream slope was raised about 15 feet. The distribution system has been extended to an administration building, an additional employees' residence, and ten cottages at the guest lodge, all equipped with complete baths and toilets, and also an extension to serve a second public comfort station. Approximately 12 CCC enrollees are engaged in development under Permits 4957 and 5047 during a 6-month period, working variously on the two projects as weather, materials, and needs dictate.
7. Has use of water commenced? Yes If so, describe use made during the past 12 months Water from (If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.)
all diversions except Diversion No. 5 has been applied to beneficial use throughout the year. Water impounded at Diversion No. 1 has been brought to within 5 feet of the ultimate water level, and at least 8 feet has been drawn off during the past summer for beneficial use, and it is anticipated that most of the remaining impounded water will be exhausted during the remainder of the fall.
8. During which months was water used? All 12 months.
9. Will water be used during any other months Yes; continuously throughout the year.
10. Have you used as much water as you expect to use under this permit? No
    If not, when will such use be full and complete? About 1946.
    (If necessary, use the reverse side of this sheet to explain your answers in this paragraph.)
11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

Date Oct. 14, 1941.

SIGN HERE /s/ W. I. Hawkins
(OVER) W. I. Hawkins, Custodian.
Permittee

YEAR ~~1940~~ 1941

80084 7-40 2M STATE PRINTING OFFICE

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DO NOT WRITE IN THIS SPACE

12-10-1940: progress report by permittee: appl. no. 9083, permit no. 5047

COPY

FORM 67

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

# PROGRESS REPORT BY PERMITTEE

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**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

**The reverse side of this sheet may be used if the spaces provided are inadequate.**

APPLICATION 9083 PERMIT 5047 SOURCE Bear Gulch Cr., etc.

1. *Name* of present holder of permit U.S.Dept. of Interior, National Park Service, Pinnacles National Monument.
   *Address* Pinnacles, Calif.
2. Has the project been abandoned? No 3. Is construction *complete*? No
4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
   Extension into Condor Gulch still to be constructed and additional storage reservoir for standby service. Facing of Diversion Dam #1 not yet completed.
5. If additional construction is required please indicate date when it will be complete Dec. 1, 1942.
6. Describe any construction work done **during the past 12 months** and state the estimated cost including labo
   About 1000' of 4" pipe line was installed with hydrants and building connections. About 2000' of 2" pipe was laid (making 3170' in all) to replace the old line from Diversion Point #2. The storage reservoir at Point #2 was completed and put into service. Estimated cost of work since 1937 is $24,000.
7. Has use of water commenced? Yes If so, describe use made **during the past 12 months** for domestic and fire protection purposes.
   If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.
8. During which months was water used? All year.
9. Will water be used during any other months Yes, throughout the year.
10. Have you used as much water as you expect to use under this permit? No.
    If not, when will such use be full and complete? Trends in attendance indicate about 1943.
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.
11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

SIGN HERE /s/ W. I. Hawkins.
Permittee

Date December 10, 1940.

(OVER)

W. I. Hawkins, Acting Custodian.

YEAR 1940

STATE PRINTING OFFICE

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DO NOT WRITE IN THIS SPACE

C O P Y

State of California
Department of Public Works
DIVISION OF WATER RESOURCES

ORDER

Application 9083 Permit 5047 License

ORDER ALLOWING CHANGE IN POINT OF DIVERSION

Permittee having established to the satisfaction of the Division of Water Resources that the change in point of diversion under Application 9083, Permit 5047, for which petition was submitted on November 20, 1939, will not operate to the injury of any other legal user of water, the Diversion of Water Resources so finds, and

IT IS ORDERED that permission be and the same is hereby granted to change the points of diversion under said Application 9083, Permit 5047, to points of diversion described as follows to-wit:

DIVERSION 1. BEAR GULCH CREEK DAM - S. 36°30' WEST 3705 FEET FROM THE CENTER OF SECTION 2, T 17 S, R 7 E, M.D.B.&M., BEING WITHIN THE NW¼ NW¼ OF SECTION 11, T 17 S, R 7 E, M.D.B.&M.

DIVERSION 1a. BEAR GULCH CREEK - POINT OF REDIVERSION OF STORED WATER FROM BEAR GULCH RESERVOIR AND ALSO A POINT OF DIRECT DIVERSION. ALTERNATE TO DIVERSION NO. 6, S. 40°38' W. 2879 FEET FROM THE CENTER OF SECTION 2, T 17 S, R 7 E, M.D.B.&M., BEING WITHIN THE SW¼ OF SW¼ OF SAID SECTION 2.

DIVERSION 2. HEADQUARTERS SPRING - S. 55°08' W. 2173 FEET FROM SAID CENTER OF SECTION 2, BEING WITHIN THE NW¼ SW¼ OF SAID SECTION 2.

DIVERSION 3. CONDOR GULCH SPRING - N. 60°52' W. 1575 FEET FROM SAID CENTER OF SECTION 2, BEING WITHIN THE SW¼ NW¼ OF SAID SECTION 2.

DIVERSION 4. BEAR GULCH SPRING - S. 45°57'30" W. 4980 FEET FROM SAID CENTER OF SECTION 2, BEING WITHIN THE NE¼ NE¼ OF SECTION 10, T 17 S, R 7 E, M.D.B.&M.

DIVERSION 5. MOSES SPRING - S. 43°50'30" W. 2958 FEET FROM SAID CENTER OF SECTION 2 BEING WITHIN THE SW¼ SW¼ OF SAID SECTION 2.

DIVERSION 6. DAM (OVERFLOW FROM DIVERSIONS 1, 2, 4 and 5) - S. 55°01' W. 1802 FEET FROM SAID CENTER OF SECTION 2, BEING WITHIN NW¼ SW¼ OF SAID SECTION 2.

WITNESS my hand and the seal of the Department of Public Works of the State of California, this seventh day of December, 1939.

EDWARD HYATT, State Engineer

BY (SGD) HAROLD CONKLING
Deputy

( S E A L )

C O P Y

Application 9083 - Permit 5047

Amendments November 1, 1939

4. Additional data:

Point of rediversion for releases from dam at Diversion No. 1:

Small dam S 40°38' W 2879 feet from said center corner of Section 2, T 17 S, R 7 E, M. D. B. & M., being within SW¼ SW¼ of said Section 2.

6 (b). Additional Data.

Diversion No. 1 - The diversion dam is provided with 6" outlet and control gate, as previously described, by which the stored water is released, under regulation, to the natural stream channel to flow through the cave to a point of rediversion described above.

Rediversion of releases from Diversion No. 1 - Rediversion will be by gravity. A masonry dam has been installed across the stream, and provided with a 4" pipe and gate valve to the 4" fire line. All 4" pipe between Diversion No. 1 and point of rediversion, as proposed in original application, has been omitted - using natural stream channel instead.

6 (c). The rediversion dam is 7 feet high; 17 feet long on top; there is no free board, the whole crest serving as an overflow wier between abutting cliffs.

7. As stated in original application, storage at Diversion No. 1 is to be 81.6 acre feet, of which 36.6 acre feet can now be impounded.

The rediversion dam floods 0.102 acres, and impounds 0.254 acre feet, but is purely regulatory as no water is available except as released at Diversion No. 1. No additional storage is claimed.

The flooded area is on Park Service land in the aforesaid SW¼ SW¼ of Section 2.

8 (b) Diversion 1 - The 4" pipe line has been reduced to a length of approximately 3500 feet by use of stream channel from Diversion 1 to point of rediversion; controlling grade at upper portion of 33.6 feet per 1000 feet; capacity of 0.38 secon feet; and is galvanized iron as previously claimed.

Diversion 2 - The main diversion has not been changed. The regulatory reservoir capacity, however, is being doubled and moved to point nearer diversion, and distribution pipe is being increased from 1½" to 2" pipe, all to permit greater fluctuation in supply for days of peak and minimum tourist attendance. No greater spring diversion is possible or claimed.

Diversion 5, when constructed, will require approximately 500 feet less of pipe than originally planned.

19. Park Service drawing NM-PIN-6975, as supplement to original map NM-PIN-5044, is filed with this amendment. Nothing in drawing NM-PIN-6975 is intended to alter data on drawing NM-PIN-5044 except as noted.

10-21-1939: progress report by permittee: appl. no. 9083, permit no. 5047

FORM 67

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

# PROGRESS REPORT BY PERMITTEE

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The reverse side of this sheet may be used if the spaces provided are inadequate.

APPLICATION 9083 PERMIT 5047 SOURCE Bear Gulch Creek, etc.

1. *Name* of present holder of permit Department of Interior, National Park Service, Pinnacles National Monument.
   *Address* Pinnacles, California
2. Has the project been abandoned? No 3. Is construction *complete*? No
4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
   Completion of a 4-inch pipe line, a part of which is installed. Dam at Diversion #1 to be raised 9 feet. Diversion #5 and related pipe line to be constructed.
5. If additional construction is required please indicate date when it will be complete Dec. 1, 1942.
6. Describe any construction work done during the past 12 months and state the estimated cost including labo
   A diversion dam and 4-inch pipe line installed for about 3000 feet. Estimated cost $3,000.00. This dam, 8 ft. in height, is located approximately 1000 ft. below Diversion No. 1. It constitutes rediversion of water released from reservoir at Diversion No. 1, and has been built in lieu of the intervening pipe to prevent damage to cave. The water is conveyed in the natural stream between the Diversion No. 1 and this new dam. (Continued on reverse side of this sheet.)
7. Has use of water commenced? If so, describe use made during the past 12 months Most of available
   (If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.)
   water from all diversions has been used during the past year. In the case of water from Diversions Nos. 1 and 5, where pipes are not complete, the water released to the natural stream and rediverted at Diversion No. 6.
8. During which months was water used? In all months, in varying amounts proportional to monument attendance.
9. Will water be used during any other months Yes, all future months.
10. Have you ~~applied~~ for substantial periods of time used beneficially as great an amount of water as it is hoped to use under this permit? No
    If not, when will such use be full and complete? Trends in park attendance indicate full use will be made prior to Dec. 1, 1943.
    (If necessary, use reverse side of this sheet to explain your answers in this paragraph.)
11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

Date October 21, 1939

SIGN HERE /s/ W. I. Hawkins
Permittee
W. I. Hawkins, Acting Custodian.

(OVER)

YEAR 1939

STATE PRINTING OFFICE

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6. (Continued from reverse side.) The 4" fire line has been entirely purchased and 85% installed.

All construction and survey work at the Pinnacles is by a CCC camp which is located at the Pinnacles from October to April each year, and at General Grant National Park during the summer. Amendments in design will be prepared early during the current winter season.

A 20,000 gallon concrete reservoir is approximately 60% complete at Diversion No. 2 to replace two 5,000 steel tanks. The 1½" domestic pipe line has been replaced with 2" G. I. pipe from 20,000-gallon concrete reservoir to Lodge building.

DO NOT WRITE IN THIS SPACE

Edward Hyatt, State Engineer
Chief of Division

Culbert L. Olson
Governor of California

Frank W. Clark
Director

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
Sacramento

Division of Water Resources
401 Public Works Building

December 7, 1939

Application 9083 - Permit 5047

U. S. Pinnacles National Monument
Pinnacles, California

Gentlemen: Attention Mr. W. I. Hawkins

Enclosed is an order granting change in point of diversion under the above numbered filing which order should be attached to your copy of the approved application. The records of this office have been amended in accordance therewith.

You will observe in the order that the point of rediversion of stored water from Point No. 1 has also been named as a point of diversion alternate to Diversion No. 6. In case Diversion No. 6 is abandoned the rediversion point may be used without securing another order to change the point of diversion of Point No. 6. It should be understood, however, that if Diversion No. 6 is abandoned the overflow from Diversions 2 and 5 would not be available at the alternate point of diversion.

Very truly yours,

(SGD) HAROLD CONKLING
Deputy in Charge of Water Rights

Enc.

Copy mailed Director 1/3/40.

(copy)

State of California
Department of Public Works
DIVISION OF WATER RESOURCES

ORDER

Application 9083 Permit 5047 License

ORDER ALLOWING CHANGE IN POINT OF DIVERSION

Permittee having established to the satisfaction of the Division of Water Resources that the change in point of diversion under Application 9083, Permit 5047, for which petition was submitted on November 20, 1939, will not operate to the injury of any other legal user of water, the Diversion of Water Resources so finds, and

IT IS ORDERED that permission be and the same is hereby granted to change the points of diversion under said Application 9083, Permit 5047, to points of diversion described as follows to-wit:

DIVERSION 1. BEAR GULCH CREEK DAM - S. 36°30' WEST 3705 FEET FROM THE CENTER OF SECTION 2, T 17 S, R 7 E, M.D.B.&M., BEING WITHIN THE NW¼ NW¼ OF SECTION 11, T 17 S, R 7 E, M.D.B.&M.

DIVERSION 1a. BEAR GULCH CREEK - POINT OF REDIVERSION OF STORED WATER FROM BEAR GULCH RESERVOIR AND ALSO A POINT OF DIRECT DIVERSION ALTERNATE TO DIVERSION NO. 6, S. 40°38' W. 2879 FEET FROM THE CENTER OF SECTION 2, T 17 S, R 7 E, M.D.B.&M., BEING WITHIN THE SW¼ OF SW¼ OF SAID SECTION 2.

DIVERSION 2. HEADQUARTERS SPRING - S. 55°08' W. 2173 FEET FROM SAID CENTER OF SECTION 2, BEING WITHIN THE NW¼ SW¼ OF SAID SECTION 2.

DIVERSION 3. CONDOR GULCH SPRING - N. 60°52' W. 1575 FEET FROM SAID CENTER OF SECTION 2, BEING WITHIN THE SW¼ NW¼ OF SAID SECTION 2.

DIVERSION 4. BEAR GULCH SPRING - S. 45°57'30" W. 4980 FEET FROM SAID CENTER OF SECTION 2, BEING WITHIN THE NE¼ NE¼ OF SECTION 10, T 17 S, R 7 E, M.D.B.&M.

Copy mailed Director 1/3/40

copy

DIVERSION 5. MOSES SPRING - S. 43°50'30" W. 2958 FEET FROM SAID CENTER OF SECTION 2 BEING WITHIN THE SW¼ SW¼ OF SAID SECTION 2.

DIVERSION 6. DAM (OVERFLOW FROM DIVERSIONS 1, 2, 4 and 5) - S. 55°01' W. 1802 FEET FROM SAID CENTER OF SECTION 2, BEING WITHIN NW¼ SW¼ OF SAID SECTION 2.

WITNESS my hand and the seal of the Department of Public Works of the State of California, this seventh day of December, 1939.

EDWARD HYATT, State Engineer

BY (SGD) HAROLD CONKLING
Deputy

( S E A L )

(copy)

00-00-0000: letter to california department of public works from acting custodian regarding revising plans for developing the bear g

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

PINNACLES NATIONAL MONUMENT
PINNACLES, CALIFORNIA

Division of Water Resources,
California Department of Public Works,
401 Public Works Building,
Sacramento, California.

Re: Application No. 9083,
Permit No. 5047.

Gentlemen:

During the past year we have found it necessary to revise some of our plans for developing the Bear Gulch Water System at the Pinnacles National Monument. These changes are primarily for the purpose of permitting better regulation of the daily use of the very limited stream and spring flows.

In addition to the "Progress Reports" herewith submitted, we are also submitting an amendment rider for application No. 9083 (permit No. 5047) and a map covering the changes, both in duplicate. Note that there are no changes in points of diversion, but that there is a rediversion after using the natural stream in place of part of the originally planned 4" fire line. We trust this type of changes may be properly presented by way of amendment to the original application.

It does occur to us now that Diversion No. 6 might be abandoned, or it might advantageously be connected to the 4" line, eliminating the remainder of the existing 1½" fire line. If that point of diversion should be abandoned, we would wish to divert the water originally designated for that point (0.04 sec. ft.) at the point of rediversion. Please advise if an application for change in point of diversion would be necessary under the circumstances, and whether you have standard forms for such an application.

Yours very truly,

W. I. Hawkins,
Acting Custodian.

Encls.

Application 9083 - Permit 5047

Amendments November 1, 1939

4. Additional data:

Point of rediversion for releases from dam at Diversion No. 1:

Small dam S 40°38' W 2879 feet from said center corner of Section 2, T 17 S, R 7 E, M. D. B. & M., being within SW¼ SW¼ of said Section 2.

6 (b). Additional Data.

Diversion No. 1 - The diversion dam is provided with 6" outlet and control gate, as previously described, by which the stored water is released, under regulation, to the natural stream channel to flow through the cave to a point of rediversion described above.

Rediversion of releases from Diversion No. 1 - Rediversion will be by gravity. A masonry dam has been installed across the stream, and provided with a 4" pipe and gate valve to the 4" fire line. All 4" pipe between Diversion No. 1 and point of rediversion, as proposed in original application, has been omitted - using natural stream channel instead.

6 (c). The rediversion dam is 7 feet high; 17 feet long on top; there is no free board, the whole crest serving as an overflow wier between abutting cliffs.

7. As stated in original application, storage at Diversion No. 1 is to be 81.6 acre feet, of which 36.6 acre feet can now be impounded.

The rediversion dam floods 0.102 acres, and impounds 0.254 acre feet, but is purely regulatory as no water is available except as released at Diversion No. 1. No additional storage is claimed.

The flooded area is on Park Service land in the aforesaid SW¼ SW¼ of Section 2.

8 (b) Diversion 1 - The 4" pipe line has been reduced to a length of approximately 3500 feet by use of stream channel from Diversion 1 to point of rediversion; controlling grade at upper portion of 33.6 feet per 1000 feet; capacity of 0.38 second feet; and is galvanized iron as previously claimed.

Diversion 2 - The main diversion has not been changed. The regulatory reservoir capacity, however, is being doubled and moved to point nearer diversion, and distribution pipe is being increased from 1½" to 2" pipe, all to permit greater fluctuation in supply for days of peak and minimum tourist attendance. No greater spring diversion is possible or claimed.

Diversion 5, when constructed, will require approximately 500 feet less of pipe than originally planned.

19. Park Service drawing NM-PIN-6975, as supplement to original map NM-PIN-5044, is filed with this amendment. Nothing in drawing NM-PIN-6975 is intended to alter data on drawing NM-PIN-5044 except as noted.

00-00-1938: progress report by permittee: appl. no 9083, permit no. 5047

FORM 67

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

# PROGRESS REPORT BY PERMITTEE

This report is of importance to you in establishing your water right. It will be used as a basis for action by the Division of Water Resources. It should therefore be filled out carefully and returned promptly.

Please bear in mind that neither the filing of an application nor the approval thereof constitutes a water right. Beneficial use alone establishes the right. When you have used the greatest amount of water you ultimately expect to use, and use has been made over the full period of the year intended, an inspection will be made and license will be issued confirming your right to the water theretofore actually put to beneficial use.

If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.

The reverse side of this sheet may be used if the spaces provided are inadequate.

APPLICATION 9083 PERMIT 5047 SOURCE Bear Gulch Cr., Headquarters Spring, Condor Gulch Spr., Bear Gulch Spr., Moses Spring

1. *Name* of present holder of permit United States of America

   *Address* Pinnacles National Monument, Pinnacles, San Benito County, California.

2. Has the project been abandoned? No 3. Is construction *complete*? No

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed

Diversion #1, the elevation of the dam must be raised and 4" pipe line must be laid. Diversion #2, no change. Diversion #3, no work during past year, complete development must be made. Diversion #4, no change during year. Diversion #5, no change during year. Diversion #6, no change during year.

5. If additional construction is required please indicate date when it will be complete December 1, 1942.

6. Describe any construction work done during the past 12 months and state the estimated cost including labo

Diversion No. 1: The base of the dam has been widened to a height of 13 feet preparatory to raising the crest to ultimate elevation; 4-inch pipe line for fire and sanitary supply has been purchased, but not installed.

7. Has use of water commenced? Yes If so, describe use made during the past 12 months Diversions
   If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.

Nos. 1, 2, 4, and 6 have been used for domestic, sanitary, and recreational purposes, the water from diversion No. 1 being released through the stream channel to diversion No. 6 for distribution.

8. During which months was water used? All twelve months of year.

9. Will water be used during any other months —

10. Have you used/~~xxxxxxxxxxxxxxxxxx~~ for substantial periods of time used beneficially as great an amount of water or as it is hoped to use under this permit? No

    If not, when will such use be full and complete? December 1, 1943.
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.

11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

SIGN HERE W. I. Hawkins,
Permittee
Custodian, Pinnacles National Monument

Date

(OVER)

YEAR 1938

STATE PRINTING OFFICE

**NOTE**

The space below may be used for describing in greater detail progress which has already been made toward completion of the project and plans for further development. Particularly if the time heretofore allowed for completion of either construction or use has expired and further time is needed, the causes of failure to complete should be stated and an estimate given of additional time required.

DO NOT WRITE IN THIS SPACE

00-00-1938: progress report by permittee

FORM 67

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

# PROGRESS REPORT BY PERMITTEE

**This report is of importance to you in establishing your water right. It will be used as a basis for action by the Division of Water Resources. It should therefore be filled out carefully and returned promptly.**

**Please bear in mind that neither the filing of an application nor the approval thereof constitutes a water right. Beneficial use alone establishes the right. When you have used the greatest amount of water you ultimately expect to use, and use has been made over the full period of the year intended, an inspection will be made and license will be issued confirming your right to the water theretofore actually put to beneficial use.**

**If the time allowed in your permit within which to complete either construction or beneficial use has expired and additional time is required an extension may be allowed upon a showing of good cause, which showing should include a description of the further development proposed and indicate the probable date of completion. Lack of funds can not be accepted as good cause for failure to complete.**

**The reverse side of this sheet may be used if the spaces provided are inadequate.**

APPLICATION 9083 PERMIT 5047 SOURCE Bear Gulch Creek, etc.

1. *Name* of present holder of permit Department of Interior, National Park Service, Pinnacles National Monument.
   *Address* Pinnacles, California

2. Has the project been abandoned? No 3. Is construction *complete*? No

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
Completion of a 4-inch pipe line, a part of which is installed. Dam at Diversion #1 to be raised 9 feet. Diversion #5 and related pipe line to be constructed.

5. If additional construction is required please indicate date when it will be complete December 1, 1942.

6. Describe any construction work done during the past 12 months and state the estimated cost including labor
A diversion dam and 4-inch pipe line installed for about 3000 feet. Estimated cost $3,000.00. This dam, 8 ft. in height, is located approximately 1000 ft. below Diversion No. 1. It constitutes rediversion of water released from reservoir at Diversion No. 1, and has been built in lieu of the intervening pipe to prevent damage to cave. The water is conveyed in the natural stream between the Diversion No. 1 and this new dam. (Continued on reverse side of this sheet.)

7. Has use of water commenced? Yes. If so, describe use made during the past 12 months Most of available
(If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.)
water from all diversions has been used during the past year. In the case of water from Diversions Nos. 1 and 5, where pipes are not complete, the water released to the natural stream and rediverted at Diversion No. 6.

8. During which months was water used? In all months, in varying amounts proportional to monument attendence.
9. Will water be used during any other months Yes, all future months.

10. Have you for substantial periods of time used beneficially as great an amount of water as it is hoped to use under this permit? No If not, when will such use be full and complete? Trends in park attendance indicate full use will be made prior to Dec. 1, 1943.
(If necessary, use the reverse side of this sheet to explain your answers in this paragraph.)

11. Neither the intake nor the place of use described in the permit should be changed without petition. Appropriate blanks will be sent upon request.

Date

SIGN HERE W. I. Hawkins, Acting Custodian Permittee

(OVER)

YEAR 1938

58887 6-38 2500 STATE PRINTING OFFICE

NOTE

The space below may be used for describing in greater detail progress which has already been made toward completion of the project and plans for further development. Particularly if the time heretofore allowed for completion of either construction or use has expired and further time is needed, the causes of failure to complete should be stated and an estimate given of additional time required.

6. (Continued from reverse side.) The 4" fire line has been entirely purchased and 85% installed.

All construction and survey work at the Pinnacles is by a CCC camp which is located at the Pinnacles from October to April each year, and at General Grant National Park during the summer. Amendments in design will be prepared early during the current winter season.

A 20,000 gallon concrete reservoir is approximately 60% complete at Diversion No. 2 to replace two 5,000 steel tanks. The 1½" domestic pipe line has been replaced with 2" G. I. pipe from 20,000-gallon concrete reservoir to Lodge building.

DO NOT WRITE IN THIS SPACE

C O P Y

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Earl Lee Kelly
Director

Division of Water Resources
401 Public Works Building

October 26, 1937

Application 9083

U. S. Pinnacles National Monument
c/o W. I. Hawkins, Acting Custodian
Pinnacles, California

Gentlemen:

Acknowledgment is made of receipt of affidavit of advertisement of notice to appropriate water under the above numbered application and also the amended copy of the application.

Further action upon the application will await the expiration of the period allowed for receipt of protests.

Very truly yours,

/s/ Harold Conkling
Deputy in Charge of Water Rights

10-23-1937: affidavit of posting notice: appl. no. 9083

CALIFORNIA STATE PRINTING OFFICE
FORM S-D. 10565 9-34 1M

# AFFIDAVIT OF POSTING NOTICE

IN THE MATTER OF APPLICATION 9083
BEFORE THE DIVISION OF WATER RESOURCES OF THE DEPARTMENT OF PUBLIC WORKS OF THE STATE OF CALIFORNIA.

OCT 25 AM 10 47

STATE OF CALIFORNIA
COUNTY OF San Benito } ss.

W. I. Hawkins, , being first duly sworn, deposes and says:

that acting on behalf of the applicant
(Insert here "that he is the applicant" or "that acting on behalf of the applicant")

Pinnacles National Monument, in the matter of Application #9083 before the
(Name of applicant)

Division of Water Resources of the Department of Public Works of the State of California, he did
("and did" or "he did")

on the ninth day of October, 19 37, post two notices of said application of which

the annexed notice is a full, true and correct copy.

That he posted one of said notices in the window of the Bear Gulch Ranger
(Here describe how and where posted as accurately as possible)

Station, facing out of the east window at eye height, alone in the

window where all who approached the door would notice. The Ranger

Station is located at the end of the road in the parking area in

Bear Gulch.

and the other of said notices on the north side of the temporary concrete
(Here describe how and where posted as accurately as possible)

storage shed ten feet from the east end of the foot bridge that crosses

Bear Gulch Dam, and facing the bridge (a usual stopping and observation

point), and in plain sight of all visitors and others.

That each of said notices thus posted occupied a conspicuous place in the locality to be affected by said proposed appropriation.

W. I. Hawkins

*Subscribed and sworn to before me this*
23 day of October 1937
L. E. Leland
~~Notary Public~~ in and for said County
DEPUTY COUNTY CLERK

Filed Oct 25 1937

DO NOT DETACH

OK
1

09-29-1937: notice of application to appropriate water

FORM 8-A

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

# NOTICE OF APPLICATION TO APPROPRIATE WATER

*Application* 9083

NOTICE IS HEREBY GIVEN, That U. S. Pinnacles National Monument
c/o W. I. Hawkins, Acting Custodian
Pinnacles, California

has under the date of August 19, 1937 applied to the Division of Water Resources, Department of Public Works, State of California, for a permit to appropriate unappropriated *water, subject to existing rights.*

## Description of Project

**Water to be appropriated from** (1) Bear Gulch Creek (2) Headquarters Spring (3) Condor Gulch Spring (4) Bear Gulch Spring (5) Moses Spring tributary to Chalone Creek thence Salinas River.

**County of** San Benito

**Amount applied for:** 0.044 cubic foot per second by direct diversion and 80 acre-feet per annum storage

**Diversion season named:** January 1st to December 31st of each season

**Water to be used for** recreationel purposes

**Point of diversion within** (1) NW¼ of NW¼ of Section 11, (2) NW¼ of SW¼ of Section 2, (3) SW¼ of NW¼ of Section 2, (4) NE¼ of NE¼ of Section 10, (5) SW¼ of SW¼ of Section 2, T. 17 S., R. 7 E., M.D.B. and M.

**Place of use described:** Within SW¼ of Section 2, NW¼ of NW¼ of Section 11 and S½ of N½ of Section 2, T. 17 S., R. 7 E., M.D.B. and M.

## Relative to Protests

Blanks upon which to submit protests will be supplied free upon request by the Division of Water Resources.

Any person desiring to protest against the granting of such permit shall within 40 days from date hereof file with the Division of Water Resources, Sacramento, California, a written protest. Such protest shall clearly set forth the protestant's objections to the granting of the application and 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.

(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) The approximate location of protestant's land or place of use and point of diversion of the water.

**A copy of the protest should be sent to the applicant and this office notified that the same has been done.**

EDWARD HYATT
*State Engineer*

Dated: Sacramento, California
September 29th 1937.

CALIFORNIA STATE PRINTING OFFICE

C O P Y

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Edward Hyatt, State Engineer
Chief of Division

Division of Water Resources
401 Public Works Building

September 29th, 1937.

Application 9083

U. S. Pinnacles National Monument
c/o W. I. Hawkins, Acting Custodian
Pinnacles, California

Gentlemen:

The application of yourselves

to appropriate the waters of Bear Gulch Creek and four springs

has been found to be in form for advertisement, and there are enclosed herewith three copies of a notice which is being sent to local postmasters and to interested parties whose names are known to the Division of Water Resources.

You are directed to post this notice on or before October 14th, 1937 in at least two conspicuous places in the locality to be affected by the proposed appropriation. In case of inability to post the notice within the time allowed kindly advise this office immediately and new notices of a later date can be forwarded. On or before November 8th, 1937 you should file with this office proof of such posting. IT IS REQUIRED THAT PROOF OF POSTING SHALL CONSIST OF AN AFFIDAVIT EXECUTED ON THE ENCLOSED FORM ATTACHED TO A COPY OF THE NOTICE OF APPLICATION TO APPROPRIATE.

This notice is designed for the mutual protection of applicant and prior claimants. Although vested rights to the use of water from the source from which the appropriation is sought can not be lost, prejudiced or impaired by failure to protest against the application, prior claimants are given this notice so that they may protest if it is felt the proposed appropriation will result in injury to them.

If protests are filed you will be furnished with copies thereof and you are required to file with this office and with the protestant a brief but complete answer to each protest. There is no prescribed legal form which such answer must take but anything which you may do toward placing this office in possession of all the facts relative to the objections raised to your application will expedite action thereon.

Very truly yours

/s/ Harold Conkling
Deputy in Charge of Water Rights

Reg.
Enc.

Pinnacles National Monument
Pinnacles, California

Mr. Harold Conkling,
Deputy in Charge of Water Rights,
Division of Water Resources,
California Department of Public Works,
Public Works Building,
Sacramento, California.

Dear Mr. Conkling:

Since writing my letter of September 8 regarding the division of water among the diversion points 1-6 on Bear Gulch at Pinnacles National Monument, it has occurred to us that some misunderstanding may still result from certain missing bits of information.

It is our intention to appropriate .044 second feet of water from diversion points 2-6, as designated in our application and my letter of September 8. However, these are practically the maximum amounts at present available from these diversions, and we are not sure whether in the future we will be able to increase them by improvements at the spring areas or not. Certainly there will be deficits in any case during dry years.

We have taken care of the past deficits on these systems by the construction of the dam at diversion point No. 1, and with growing park attendance have increased the size of this dam to provide additional storage as needed. This storage is obtained partially from the waters of a spring, and partially from the winter flow of Bear Gulch, which is made up to a large extent of precipitation with a relatively rapid runoff. The surface flow of this stream completely disappears during portions of the summer and late fall.

The use of the dam with its ultimate storage of 80 acre feet thus becomes a regulation of the stream by making the winter flow available in summer when the park attendance is greatest. It is used in conjunction with the springs with diversion points 2-6, but through independent water systems as shown on our map to take care of the sanitation and fire protection. It is not at the present time used for drinking purposes.

For this reason it is extremely important that we retain as much right to the more potable supplies of water under diversions 2-6 as possible, and at the same time retain the right to the full 80 acre feet of additional water obtained by storage for fire protection and sanitation. We might call attention to the fact that the return of the 80 acre feet is relatively rapid after use, and primarily reduces floods on Bear Gulch during the winter, and provides a more adequate flow in the summer.

Very truly yours,

AWD:SH

W. I. Hawkins,
Custodian.

08-19-1937: application to appropriate unappropriated water

FORM 1 COPY FILE IN DUPLICATE

[For full information concerning the filling out and filing of this form refer to Regulation 4 of Rules and Regulations of the Division of Water Resources Governing the Appropriation of Water]

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
# DIVISION OF WATER RESOURCES

AMENDED APPLICATION RECEIVED OCT. 7, 1937
Application No. 9083 Filed August 19, 1937 at 1:54 P.M.
(Applicant must not fill in the above blanks)

# APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

**This application involves in no way the right to construct a dam**

XX The United States of America, Pinnacles National Monument, by W. I. Hawkins, Acting Custodian
Name of applicant

of Pinnacles (Post office) County of San Benito

State of California, ~~I~~ does hereby make application for a permit to appropriate the following described unappropriated waters of the State of California, *SUBJECT TO EXISTING RIGHTS:*

## Source, Amount, Use and Location of Diversion Works

1. **The source** of the proposed appropriation is (1& 6) Bear Gulch Creek, (2) Headquarters Spring, (3) Condor Gulch Spring, (4) Bear Gulch Spring, and (5) Moses Spring.
(Give name of stream (if any), if unnamed, so state; if spring, so state nature of source and that it is unnamed)
located in San Benito County, tributary to Chalone Creek, thence Salinas River

2. **The amount of water** which applicant desires to appropriate under this application is as follows:

(*a*) For diversion to be directly applied to beneficial use without storage (2 to 6) 0.044 cubic feet per second (1 cubic foot per second equals 40 statute miner's inches or 646,317 gallons per day), to be diverted from January 1st (Beginning date each season) to December 31st (Closing date each season) (1) (See Supplement) of each season.

(*b*) For diversion to be stored temporarily and later applied to beneficial use 80 acre-feet (1 acre-foot equals 325,851 gallons) per annum, to be collected between January 1st (Beginning date each season) and December 31st (Closing date each season) of each season.

NOTE.—Answer (*a*) or (*b*) or both (*a*) and (*b*) as may be necessary. The amounts stated must be in definite terms of some established unit of measurement. Neither these amounts nor the season may be increased after application is filed.

3. **The use** to which the water is to be applied is recreational (Irrigation, power, municipal, mining, industrial, recreational, domestic. Recreational use may be deemed to include all uses incidental to a resort such as domestic, boating, fish culture, etc.) purposes.
See Supplement

NOTE.—A separate application must be made for each use except that incidental domestic use may be included with any other use.

4. **The point of diversion** is to be located
(State bearing and distance or coordinate distances to section or quarter section corner)

being within the
(State 40-acre subdivision of U. S. Government survey or projection thereof)
of Section , Tp. , R. See supplement M., in the County of San Benito

5. **The main conduit** terminates in , of Sec. , Tp. , R. , M.
(State 40-acre subdivision of U. S. Government survey or projection thereof)

## Description of Diversion Works

NOTE.—An application can not be approved for an amount grossly in excess of the estimated capacity of the diversion works

6. **Intake or Headworks** (fill only those blanks which apply)

(*a*) Diversion will be made by pumping: Capacity of plant See supplement gallons per minute.

(*b*) Diversion will be by gravity, the diverting dam being feet in height (stream bed to level of overflow); See supplement feet long on top and constructed of (Concrete, earth, brush, etc.)

(*c*) The storage dam will be feet in height (stream bed to overflow level); feet long on top; have a freeboard of See supplement. feet, and be constructed of (Concrete, earth, etc.)

7. **Storage Reservoir** (Name)

The storage reservoir will flood lands in
(Indicate section or sections, also 40 acre subdivisions unless shown upon map)

It will have a surface area of acres, and a capacity of acre-feet.

☞ In case of insufficient space for answers in form, attach extra sheets at top of page 3 and cross reference.

8. **Conduit System** (describe main conduits only)

(*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
Earth, rock, timber, etc.

(*b*) Pipe line: Diameter See supplement inches; length ____ feet; grade ____ feet per 1,000 feet; total fall from intake to outlet ____ feet; kind ____
Riveted steel, cement, wood-stave, etc.

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

9. **The estimated capacity** of the diversion works proposed is See supplement
State cubic feet per second or gallons per minute

**The estimated cost** of the diversion works proposed is $50,000
Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

## Completion Schedule

10. **Construction work** will be begun in about 1926 months after approval of this application.

Construction work will be completed within 5 years after approval of this application.

The water will be completely applied to the proposed use within 5 years after approval of this application.

## Description of Proposed Use

11. **Place of Use.** Place of use consists of a strip of land approximately 300 feet in width along Bear and Condor Gulches, lying in the SW¼ of Section 2; NW¼ NW¼ Section 11; and S½ N½ Section 2; all in T 17 S, R 7 E, M.D.B. & M.
State 40-acre subdivisions of the public land survey. If area is unsurveyed indicate the location as if lines of the public land survey were projected. In the case of irrigation use state the number of acres to be irrigated in each 40-acre tract, if space permits. If space does not permit listing all 40-acre tracts, describe area in a general way and show detail upon map. These blanks need not be filled in when municipal use is proposed.

Does applicant own the land whereon use of water will be made? Yes
Yes or No

If applicant does not own land whereon use of water will be made, state what arrangements have been made with owner.

12. **Domestic Use.** [If incidental to one of the major uses described in Paragraph 13, 14, 15, 16, 17 or 18 domestic use may be included in the same application with any one thereof, and Paragraph 12 should be filled out. If the domestic use is not incidental to some major use a separate application is required.]

Domestic use is proposed as follows: ____
Describe nature of use which may include stock water and the irrigation of domestic gardens not exceeding one-half acre each in area connected with places of residence

The amount for which application is made was determined by ____
Describe basis of estimate of quantity needed

13. **Irrigation Use.** (See marginal note.) The area to be irrigated is ____ acres.
State net acreage to be irrigated

The segregation of acreage as to crops is as follows: Rice ____ acres; alfalfa ____ acres; orchard ____ acres; general crops ____ acres.

NOTE.—Care should be taken that the various statements as to acreage are consistent with each other, with the statement in Paragraph 11, and with the map.

The irrigation season will begin about ____ and end about ____
Beginning date each season — Closing date each season

The land to be irrigated has another / no other water right or source of water supply other than that herein applied for. The nature and amount of the additional supply referred to is ____

14. **Power Use.** (See marginal note.) The total fall to be utilized is ____ feet.
Difference between nozzle or draft tube water level and first free water surface above

The maximum amount of water to be used through the penstock is ____ cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is ____ horsepower.
Second feet × fall ÷ 8.8

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

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

The water will / will not be returned to ____ in ____ of
Name stream — State 40-acre subdivision

Sec. ____, Tp. ____, R. ____, ____ M.

OF PARAGRAPHS 13, 14, 15, 16, 17 and 18
power, municipal, mining, industrial and recreational uses.
use may be included on the same application.

SUPPLEMENT TO APPLICATION 9083

Par. 2a

| | | |
|---|---|---|
| Diversion 2: | Headquarters Spring | 0.0015 c.f.s. |
| Diversion 3: | Condor Gulch Spring | 0.0007 c.f.s. |
| Diversion 4: | Bear Gulch Spring | 0.0015 c.f.s. |
| Diversion 5: | Moses Spring | 0.0003 c.f.s. |
| Diversion 6: | Bear Gulch Creek | 0.0400 c.f.s. |

The total simultaneous diversions for direct flow from all points shall not exceed 0.044 cubic foot per second.

Par. 4

Diversion 1: Bear Gulch Dam - S 36° 30' W 3705 feet from center of Section 2, T 17 S., R 7 E M.D.B. & M. being within the NW¼ NW¼ Section 11, T 17 S, R 7 E, M.D.B. & M.

Diversion 2: Headquarters Spring - S 55° 08' W 2173 feet from said center of Section 2, being within the NW¼ SW¼ of said Section 2.

Diversion 3: Condor Gulch Spring - N 60° 52' W 1575 feet from said center of Section 2, being within the SW¼ NW¼ of said Section 2.

Diversion 4: Bear Gulch Spring - S 45° 57' 30" W 4980 feet from said center of Section 2, being within the NE¼ NE¼ of Section 10, T 17 S, R 7 E, M.D.B. & M.

Diversion 5: Moses Spring - S 43° 50' 30" W 2958 feet from said center of Section 2, being within the SW¼ SW¼ of said Section 2.

Diversion 6: Dam (overflow from Diversions 1,2,4, and 5),- S 55° 01' W 1802 feet from said center of Section 2, being within NW¼ SW¼ of Said Section 2.

Par. 5 The main conduits terminate as follows:

Diversions 1 and 6, in SE¼ NW¼ Section 2, T 17 S, R 7 E, M.D.B.& M.
Diversions 2 and 5, in tanks in NE¼ SW¼, Section 2, T 17 S, R 7 E. M.D.B. & M.
Diversion 3, in SW¼ NW¼ Section 2, T 17 S, R 7 E, M.D.B. & M.
Diversion 4, in NW¼ NW¼ Section 11, T 17 S, R 7 E, M.D.B. & M.

Par. 6 (b) Diversion will be by gravity, the diverting works being:

Diversion 1: A 6" pipe in storage dam to be described under (c).
Diversion 2: An 18" concrete slab across a rock cleft from which the spring issues.
Diversion 3: A small concrete box built about the spring.
Diversion 4: A concrete box 5' x 8' built about the spring.
Diversion 5: A concrete slab built across the rock cleft from which the spring issues.
Diversion 6: A masonry dam 4' long on crest and 2' high built across channel bed.

(c) The present storage dam is 38 feet high; 32 feet long on top and has a free board of 1 foot. It is planned to raise this dam 10 feet in height, at which elevation the length will be 80 feet. Due to the irregular rock formation, the dam is a wedge and cannot slip even with the additional height.

Par. 7 Bear Gulch Reservoir: The storage reservoir, both now and ultimately, will flood land in NW¼ NW¼ of Section 11 and NE¼ NE¼ Section 10, T 17 S, R 7 E, M.D.B. & M. It now has a surface area of 3.19 acres, which will be increased to 5.55 acres when the height is raised 10 feet, and the capacity is now 36.6 acre-feet, which will be increased to 81.6 acre-feet.

The purpose of the storage dam and reservoir is to impound the flood waters of Bear Gulch Creek during the winter rainy season and permit a more or less uniform flow and diversion of this stream for park use during the whole season. Bear Gulch Creek itself goes nearly dry during the summer season and would not provide sufficient water supply except for this regulatory dam.

Par. 8 (b) Diversion 1 will have 4" pipe, 4500 feet long, gradient 71 feet per 1000 feet; galvanized iron.
Diversion 2 has 1" pipe, 700 feet long, gradient 50± feet per 1000 feet; galvanized iron.
Diversion 3 - used at diversion.
Diversion 4 has 1" pipe; 1800 feet long; gradient 32 feet per 1000 feet; galvanized iron.
Diversion 5 will have 1" pipe; 2000 feet long; gradient 75± feet per 1000 feet; galvanized iron.
Diversion 6 has 1½" pipe; 2000 feet long, gradient 45 feet per 1000 feet; galvanized iron.

Par. 9 The estimated capacity of each diversion is as follows:

Diversion 1 - 0.56 sec. ft.
Diversion 2 - 8500 g.p.d., but spring flow is 1000 gallons per day.
Diversion 3 - maximum spring flow is 500 gallons per day.
Diversion 4 - 7500 g.p.d. but maximum spring flow is 1000 gallons per day.
Diversion 5 - 11,500 g.p.d., but spring flow is 200 gallons per day.
Diversion 6 - 0.04 sec. ft.

Par. 18 Water will be used for operation of a lodge, domestic supply of Ranger's residence, picnic and camp ground facilities, public comfort stations, fire protection, and watering of saddle and draft horses.

DO NOT FILL IN MORE THAN ONE C

Applications must be filed upon separate blanks for irrigation. Domestic use when incidental to some other major

DO NOT WRITE IN THIS SPACE

ATTACH EXTRA SHEETS HERE

**15. Municipal Use.** (See marginal note.) This application is made for the purpose of serving _____ (Name city or cities, town or towns. Urban areas only) having a present population of _____

The estimated average daily consumption during the month of maximum use at the end of each five-year period until the full amount applied for is put to beneficial use is as follows:

**16. Mining Use.** (See marginal note.) The name of the mining property to be served is _____ (Name of claim) and the nature of the mines is _____ (Gold placer, lead quartz, etc.)

The method of utilizing the water is _____

It is estimated that the ultimate water requirement for this project will be _____ (Cubic feet per second, gallons per minute. State basis of estimate)

The water will / will not be polluted by chemicals or otherwise _____ (Explain nature of pollution, if any)

and it will / will not be returned to _____ (Name stream) in _____ (State 40-acre subdivision) of Sec. _____, Tp. _____, R. _____, _____ M.

**17. Industrial Use.** (See marginal note.) The nature of the use proposed is _____ (Describe nature and method of use)

The amount for which application is made was determined by _____ (Describe basis of estimate of quantity needed)

See supplement

**18. Recreational Use.** (See marginal note.) Water will be used for past use in the area, and the estimated increase for the future based on the attendance curve shown on the accompanying map.

The amount for which application is made was determined by _____

## General

19. Are the maps as required by the Rules and Regulations filed with Application? Yes (Yes or No). If not, state specifically the time required for filing same _____

20. Does the applicant own the land at the proposed point of diversion? Yes (Yes or No). If not, state what steps have been taken to secure right of access thereto _____

21. What is the name of the post office most used by those living near the proposed point of diversion?

Pinnacles Post Office

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion? None

THE UNITED STATES OF AMERICA, PINNACLES NATIONAL MONUMENT

[SIGNATURE OF APPLICANT] By W. I. Hawkins
Acting Custodian

APPLICANT MUST NOT FILL IN BLANKS BELOW

**PERMIT No. 5047**

This is to certify that the application of which the foregoing is a true and correct copy has been considered and is hereby approved SUBJECT TO VESTED RIGHTS and the following limitations and conditions in addition to those enumerated in Chapter 586, Statutes 1913, as amended.

1. The amount of water appropriated shall be limited to the amount which can be beneficially used, and shall not exceed forty four thousandths (0.044) cubic foot per second by direct diversion from January 1st to December 31st of each season and eighty (80) acre-feet per annum by storage to be collected from January 1st to December 31st of each season, all as more explicitly set forth in Paragraph 2b and in the supplement to Paragraph 2a of this approved application.

2. The maximum amount herein stated may be reduced in the license if investigation so warrants.

3. Actual construction work shall begin on or before March 1st, 1938 and shall thereafter be prosecuted with reasonable diligence, and if not so commenced and prosecuted this permit may be revoked.

4. Said construction work shall be completed on or before December 1st, 1942.

5. Complete application of the water to the proposed use shall be made on or before December 1st, 1943.

6. Progress reports shall be filed promptly by permittee on forms appropriate to the purpose which will be provided annually by the Division of Water Resources until license is issued.

*Witness my hand and the seal of the Department of Public Works of the State of California this* 18th *day of* November *19* 37.

(SEAL)

EDWARD HYATT
*State Engineer*

/s/ Harold Conkling
*By* ..... *Deputy*

64988 2-38 6M
STATE PRINTING OFFICE

09-15-1937: letter to department of the interior from acting deputy in charge of dams regarding dam to be constructed at pinnacles

C O P Y

(Original returned to Regional Director)

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

September 15, 1937

Mr. F. A. Kittredge, Regional Director
U. S. Department of the Interior
Region Four
601 Sheldon Building
San Francisco, California

Dear Sir:

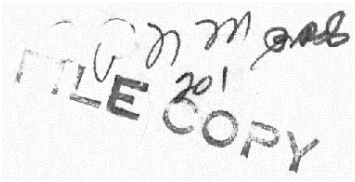
We are in receipt of your lett er of September 10, 1937 with reference to the dam to be constructed at Pinnacles National Monument.

Since, as noted in your letter, the dam is to be owned by the United States, is on land belonging to the United States and will be constructed under the supervision of the Federal engineers, the same does not come under the jurisdiction of the State Engineer.

We wish to thank you for this information.

Very truly yours,

Signed: S. A. Hart
Acting Deputy in Charge of Dams.




REGION FOUR
601 Sheldon Building
San Francisco, Calif.

September 10, 1937.

Division of Water Resources,
California Department of Public Works,
401 Public Works Bldg.,
Sacramento, California.

Attention: S. A. Hart,
Acting Deputy in Charge of Dams.

Gentlemen:

In reply to a letter of August 30, 1937, addressed by you to the Acting Custodian of Pinnacles National Monument, we are in receipt of advice from Associate Attorney Johnson that the construction contemplated at Pinnacles National Monument is within the exemption contemplated by the Legislative Act of 1929, shown on page 4 of your pamphlet on Supervision of Dams in California.

The proposed dam is to be more than 25 feet in height, and the proposed additions will impound more than 50 acre feet of water, but said dam is owned by the United States and is on the land of the United States, and will be constructed under the supervision of Federal engineers.

Under such advice we do not deem it necessary to file any application with the State in accordance with the forms enclosed by Mr. Hart.

Yours very truly,

F. A. Kittredge,
Regional Director.

ALJ:SH

CC: Mr. J. E. Taylor.
Mr. W. I. Hawkins.

C
O
P
Y

State of California
DEPARTMENT OF PUBLIC WORKS

Sacramento

REC'D SEP 7 1937

Division of Water Resources
401 Public Works Building

August 30, 1937.

U. S. Pinnacles National Monument,
% W. I. Hawkins, Acting Custodian,
Pinnacles, California.

Gentlemen:

It has been brought to the attention of this office that you are contemplating the construction of a dam on Bear Gulch Creek within NW¼ of NW¼ of Section 11, T 17 S,R7E, MDB.

Section 5 of Chapter 766, Statutes of 1929 as amended, requires that construction of a dam 25 feet or more in height from streambed to spillway crest, or having a storage capacity of 50 acre feet or more, shall not be commenced without having first obtained approval of the plans and specifications from this department.

If the dam which you contemplate constructing will be within State jurisdiction as covered in the above section of the Act filing must be made. Enclosed is a copy of the Rules and Regulations governing the supervision of dams in California together with three copies of Form #3 to be used in filing such application.

If there are any points about which you are not clear, do not hesitate to communicate with this office further on the matter.

Please note that all communications relative to dams should be addressed to the Deputy in Charge of Dams, while all questions concerning your application to appropriate water ah should be directed to Deputy in Charge of Water Rights.

Very truly yours,

Signed
S. A. Hart,
Acting Deputy in Charge of Dams

Encl.
cc-Water Rights

09-08-1937: letter to california state division of water resources from custodian regarding amounts of water to be diverted

September 8, 1937.

Mr. Harold Conkling, Deputy in Charge of Water Rights,
California State Division of Water Resources,
401 Public Works Building,
Sacramento,
California.

Dear Sir:

Referring to your letter of August 25, concerning the diversion of water from Bear Gulch and Condor Gulch Creeks. We have been advised by the engineer in our San Francisco office that the amounts to be diverted in application #9083 are as follows:

| | | |
|---|---|---|
| Diversion point #1 | 80 acre feet per annum, to be drawn off intermittantly at a maximum rate of 0.56 second feet. | |
| Diversion point #2 | 0.0015 | second feet. |
| " " #3 | 0.0007 | " " |
| " " #4 | 0.0015 | " " |
| " " #5 | 0.0003 | " " |
| " " #6 | 0.0400 | " " |
| | 0.0440 | second feet. |

Very truly yours,

W. I. Hawkins,
Custodian.

cc
Mr. Taylor
Region IV

REC'D SEP 2 1937

C
O
P
Y

STATE OF CALIFORNIA
Department of Public Works
Sacramento

August 25, 1937.

Division of Water Resources
401 Public Works Building.

Application 9083

U.S. Pinnacles Nat'l Monument
% W. I. Hawkins, Acting Custodian
Pinnacles, California.

Gentlemen:

The above numbered application to appropriate from Bear Gulch Creek, Headquarters Spring, Condor Gulch Spring, Bear Gulch Spring and Moses Spring has been examined and appears to be in good form with the exception that a specific amount should be named for direct diversion from points 1 and 6 on Bear Gulch Creek. Any amount up to 0.044 cubic foot per second from each point could be named with the provision that the total simultaneous diversions for direct flow from alll points shall not exceed 0.044 cubic feet per second. If you will kindly advise the amounts to be diverted from points 1 and 6, the application will be amended accordingly.

Very truly yours,

Signed
Harold Conkling
Deputy in Charge of Water Rights

Copy sent Regional Director,
Region 4, Sept. 2, 1937.

**Other Supporting Information**

Charles W. Pettee

Jeffrey C. Hughes

for DI

September 14, 1998

L54(2380)
LAVO/Water Rights
PINN/Water Rights
SEKI/Water Rights

Memorandum

To: Superintendent, Lassen Volcanic National Park
Superintendent, Pinnacles National Monument
Superintendent, Sequoia Kings Canyon National Park

From: Chief, Water Rights Branch

Subject: California Report of Licensee Forms for National Park Service Water Rights

Please find Report of Licensee forms for water rights in your park attached. Submittal of these forms is required by the State of California as part of maintaining a California appropriative water right license. If the United States fails to submit the completed forms, the State could consider the water right forfeited at some point in the future.

After completing the forms, please return the forms to our office. After my staff reviews them, we will submit them to the State Water Resources Control Board and provide you with a copy for your records.

If you have any questions concerning this request, please contact Jeff Hughes of my staff at (970) 225-3527.

Attachments

cc: PGSO - Kolipinski (w/all Attachments)
2380 - McGlothlin (w/all Attachments)

FNP:JHUGHES:fbr:225:3527:9/14/98:S:WRB\JCH\PINNLAVO.DOC

*Cal/EPA*

**State Water Resources Control Board**

**Division of Water Rights**

Mailing Address:
P.O. Box 2000
Sacramento, CA
95812-2000

901 P Street
Sacramento, CA
95814
(916) 657-1364
FAX (916) 657-1485

Pete Wilson
*Governor*

NOTICE TO LICENSEE

Enclosed is your Report of Licensee form for 1995, 1996, and 1997.

One of the requirements under which you received your license was that "Reports shall be filed promptly by licensee on appropriate forms which will be provided for the purpose from time to time by the Board."

Section 1011.5 of the Water Code has been amended to include the use of groundwater in lieu of water that you are allowed to use under your appropriative right. If you wish to claim the use of groundwater as allowed under this section of the Water Code, please complete Item 22 of the form.

Please complete the enclosed report form to the best of your knowledge and return it to this office. Thank you for your cooperation.

If you have any questions or need assistance with completing the form, please call (916) 657-1364.

Sincerely,

David R. Beringer
Program Manager
Licensing and Hearing Section

Enclosure

State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. Box 2000 SACRAMENTO, CA 95812-2000
901 P STREET, SACRAMENTO, CA
(916) 657-1364 FAX: (916) 657-1485

A 0 0 9 0 8 3

# REPORT OF LICENSEE FOR 1995, 1996, 1997

**OWNER OF RECORD:** U S NATIONAL PARK SERVICE

**APPLICATION:** A009083

**LICENSE:** 003820

U S NATIONAL PARK SERVICE
PINNACLES NATIONAL MONUMENT
1201 OAK RIDGE DR STE 250
FORT COLLINS, CO 80525-5596

**TELEPHONE NUMBER:**
(970) 225-3500

IF OWNER'S NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

| SOURCE: | | COUNTY: |
|---|---|---|
| BEAR GULCH | | SAN BENITO |
| **PURPOSE:** | **DIVERSION/STORAGE SEASON:** | **ACRES/HP:** |
| DOMESTIC | JAN 01 TO DEC 31 / NOV 01 TO MAY 01 | 0 AC |
| FIRE PROTECTION | JAN 01 TO DEC 31 / NOV 01 TO MAY 01 | 0 AC |

**AMOUNT:** 0.043 CFS 36.6 AC-FT

**THIS REPORT IS REQUIRED BY THE TERMS AND CONDITIONS OF YOUR LICENSE**

**IMPORTANT!** EVERY license is subject to the conditions therein. I have currently reviewed my license: YES [ ] NO [ ]. I am complyin with the conditions of my license: YES [ ] NO [ ]. Identify any noncompliance by license term number under "Remarks" on revers side. This report is important in providing the record of use needed in maintaining your water right. It should be filled out carefully an returned promptly to the above-listed address.

THE PROJECT HAS BEEN ABANDONED, AND I REQUEST REVOCATION OF THE LICENSE: YES [ ].

**COMPLETE FOR DIRECT DIVERSION PROJECTS**

1. Have you used the full licensed amount of water each year? YES [ ] NO [ ].
2. State the quantity of water used each month in gallons or acre-feet (if not known, check months water was used).

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1995 | | | | | | | | | | | | | |
| 1996 | | | | | | | | | | | | | |
| 1997 | | | | | | | | | | | | | |

| **COMPLETE FOR STORAGE PROJECTS** | 1995 | 1996 | 1997 |
|---|---|---|---|
| 3. Did your reservoir spill this year? | | | |
| 4. If not, how many feet below spillway vertically was the water level at maximum storage? | | | |
| 5. Have you emptied the reservoir? | | | |
| 6. How many feet below spillway vertically was it drawn down at end of season? | | | |

(Continues on reverse side)

**USE ( COMPLETE FOR ALL PROJECTS)** (see page 1 for year of use)

| | | | |
|---|---|---|---|
| 7. Acreage irrigated. . . . . | | | |
| 8. Stockwatering - number of stock. . . . . | | | |
| 9. Domestic - number of persons. . . . . | | | |
| garden area, etc. . . . . | | | |
| 10. Recreational - nature of use . . . . . | | | |
| 11. Industrial - nature of use . . . . . | | | |
| 12. Municipal - approximate population . . . . . | | | |
| 13. Power generation - K.W. . . . . | | | |
| 14. Other_____ | | | |

15. If no water was used in one or more years, briefly state the reason under "Remarks".
16. If the location of the point of diversion or place of use or type of use(s) has been changed and the permission of this Board has not yet been obtained, please describe nature of changes under "Remarks".

**PLEASE ANSWER ONLY THOSE QUESTIONS BELOW WHICH ARE APPLICABLE TO YOUR PROJECT.**

**CONSERVATION OF WATER**

17. Describe any water conservation efforts you may have started: _____

18. If credit toward beneficial use of water under this license for water not used due to a conservation effort is claimed under Section 1011 of the Water Code, please show the amounts of water conserved:
19___ _____(af/mg) 19___ _____(af/mg) 19___ _____(af/mg)

**WATER QUALITY AND WASTEWATER RECLAMATION**

19. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES [ ] NO [ ].
20. If credit toward use under this license through substitution of reclaimed water, desalinated water or polluted water in lieu of appropriated water is claimed under Section 1010 of the Water Code, please show amounts of reduced diversion and amounts of reclaimed water used: 19___ _____(af/mg) 19___ _____(af/mg) 19___ _____(af/mg)

**CONJUNCTIVE USE OF SURFACE WATER AND GROUNDWATER**

21. Are you now using groundwater in lieu of surface water? YES [ ] NO [ ]
22. If credit toward use under this license through substitution of groundwater in lieu of appropriated water is claimed under Section 1011.5 of the Water Code, please show the amounts of groundwater used:
19___ _____(af/mg) 19___ _____(af/mg) 19___ _____(af/mg)

**REMARKS:** (Identify the item you are explaining. Additional pages may be attached.)

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief:

Date:_____ Sign Here:_____
LICENSEE (OR AGENT OR DESIGNEE)

# United States Department of the Interior

NATIONAL PARK SERVICE
Pinnacles National Monument
Paicines, California 95043

IN REPLY REFER TO:

L54

August 14, 1992

Memorandum

To: Chief, Water Resources Division

Attn: Denise Newberry

From: Acting Superintendent, Pinnacles

Subject: Water Diversion Licenses

Enclosed are copies of all post 1985 license reports completed by Pinnacles staff. Apparently the State of California has requested a report for only one of our two licenses for each of the past two reporting periods.

Leticia Ruiz
Acting Superintendent

WITUCKI
CHERRY (Letter)
KOLIPINSKI MGK 1/10

L54(WR-RNW)
PINN/WR #2

January 6, 1986

State of California
State Water Resources Control Board
Division of Water Rights
901 P Street
Sacramento, CA 95810

Gentlemen:

In reply to your request for an update regarding the Report of Licensee for Pinnacles National Monument (1983, 1984, 1985) the enclosed is submitted.

If you have any questions or comments regarding this matter, please call Mr. Gerard Witucki at (415) 556-8660.

Sincerely,

(Sgd) Milton C. Kolipinski

John D. Cherry
Associate Regional Director
Resource Management and Planning
Western Region

ACTION

Enclosure

cc:
Superintendent, Pinnacles

bc:
Chief, Division of Water Resources, Fort Collins

(WR-RNW)Witucki:ml:01/06/86:556-8660

STATE OF CALIFORNIA
GEORGE DEUKMEJIAN, *Governor*

**STATE WATER RESOURCES CONTROL BOARD**
THE PAUL R. BONDERSON BUILDING
901 P Street, Sacramento, CA
(916) 324-5626

**DIVISION OF WATER RIGHTS**
P.O. BOX 2000, Sacramento, CA 95810

December 2, 1985

NOTICE TO LICENSEE

Enclosed is your Report of Licensee for 1983, 1984 and 1985.

You are reminded that one of the requirements under which you received your license was that "Reports shall be filed promptly by licensee on appropriate forms which will be provided for the purpose from time to time by the Board". Failure to complete and return this form will constitute noncompliance with the terms and conditions of your license.

Please complete the enclosed report form to the best of your knowledge and return it to this office promptly.

Additionally, as water available for appropriation becomes a scarcer commodity, adherence to terms and conditions of your license must be emphasized. Please be advised that the Division is required to initiate enforcement actions whenever violations are noted.

Thank you for your cooperation.

Sincerely,

Glenn K. Mork

Glenn K. Mork, Chief
Investigation and License Section

Enclosure

Tapia RJ.
Witucki GW 1/24

L54 (WR-RNW)
PINN/WR #2

January 24, 1983

State of California - Resource Agency
State Water Resources Control Board
Division of Water Rights
77 Cadillac Drive
Sacramento, CA 95825

Gentlemen:

In reply to your request for an update regarding the Report of Licensee for Pinnacles National Monument (1980, 1981, and 1982), the enclosed report is submitted.

If you have any questions or comments regarding this matter, please call me at (415) 556-8660.

Sincerely,

WILLIAM WERRELL

Gerard S. Witucki
Chief, Division of Water Resources
Western Region

Enclosure

cc:
Superintendent, Pinnacles, w/encl.

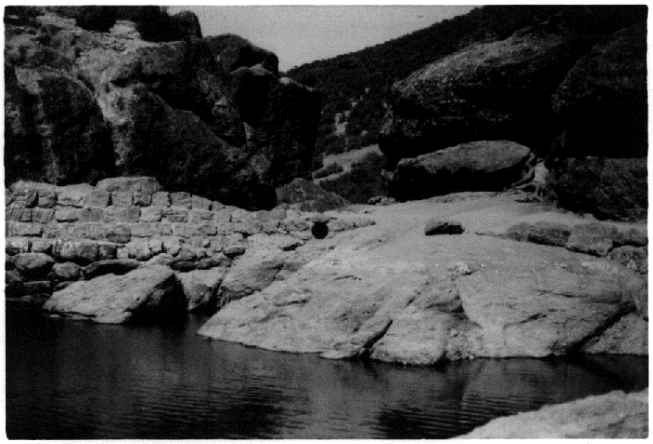
(WR)RNW:Tapia:Witucki:ms:1/24/83

PINN
Bear Gulch Reservoir and Diversion No. 1 Dam
NE¼, NE¼, Sec. 10, T17S, R7E and
NW¼, NW¼, NW¼, Sec. 11, T17S, R7E.

This dam, upstream of the caves of Bear Gulch, was built in the 1930's by the Civilian Conservation Corps. The water of the reservoir behind the dam is presently unused. The reservoir is the source of the flow from reservoir seepage spring. On 6/11/79, 7/10/79, and 7/12/79 the water level of the reservoir was observed to be below dam spillway.

W.B. Reed
July 12, 1979

PINN
Bear Gulch Reservoir and Diversion No. 1 Dam
NE¼, NE¼, Sec. 10, T17S, R7E and
NW¼, NW¼, NW¼, Sec. 11, T17S, R7E.



PINN, Bear Gulch Reservoir and Diversion No. 1 Dam, East Side. Looking northeast, spillway at center of picture, Chalone Peak Trail crosses Bear Gulch along top of dam. Reed 7/10/79



PINN, Bear Gulch Reservoir and Diversion No. Dam, East Side. Looking southwest, picture of Bear Gulch Reservoir taken from Chalone Peak Trail on dam. Reed 7/10/79

PINN
Bear Gulch Reservoir and Diversion No. 1 Dam
NE¼, NE¼, Sec. 10, T17S, R7E and
NW¼, NW¼, NW¼, Sec. 11, T17S, R7E.

This dam, upstream of the caves of Bear Gulch, was built in the 1930's by the Civilian Conservation Corps. The water of the reservoir behind the dam is presently unused. The reservoir is the source of the flow from reservoir seepage spring. On 6/11/79, 7/10/79, and 7/12/79 the water level of the reservoir was observed to be below dam spillway.

W.B. Reed
July 12, 1979

PINN
Bear Gulch Reservoir and Diversion No. 1 Dam
NE¼, NE¼, Sec. 10, T17S, R7E and
NW¼, NW¼, NW¼, Sec. 11, T17S, R7E.



PINN, Bear Gulch Reservoir and Diversion No. 1 Dam, East Side. Looking northeast, spillway at center of picture, Chalone Peak Trail crosses Bear Gulch along top of dam. Reed 7/10/79



PINN, Bear Gulch Reservoir and Diversion No./Dam, East Side. Looking southwest, picture of Bear Gulch Reservoir taken from Chalone Peak Trail on dam. Reed 7/10/79

Pinnacles National Monument
Correction

The creek referred to as Bear Gulch Creek on these spring schedules and site schedules prepared by W.B. Reed and also referred to as Bear Gulch Creek in some previous reports, is Bear Creek on Pinnacles National Monument Quadrangle (24000). In the past, the creek has been referred to as Bear Gulch Creek because it was unnamed on previous quadrangles of the area and flows through Bear Gulch below Bear Gulch Reservoir.

W.B. Reed
August 23, 1979

Roberts
Weaver
Witucki
Roberts

L54 LWSSC November 3, 1967
PINN-Docket No. 2

Memorandum

To: Chief, Division of Land and Water Rights-WASO
Attention: Chief, Branch of Water Resources

From: Acting Supervisory Hydraulic Engineer, SSC

Subject: California Report of Licensee for 1965, 1966 and 1967 for Docket No. 2, License No. 3820 - Pinnacles

Enclosed for your Docket No. 2 is a copy of the report filed by the park superintendent for License No. 3820, Application No. 9083 of the Bear Gulch water system at Pinnacles. By copy of this memo, we are filing a copy in our docket and sending one to the superintendent for his docket.

Gerard Witucki

Enclosure

cc: Supt., Pinnacles w/enc.

JRoberts/vb/11/3/67

November 17, 1964

L54
Docket 2

Memorandum

To: Superintendent, Pinnacles

From: Regional Chief, Division of Land & Water Rights, Western Region

Subject: Report of Licensee Water Rights Application 9083, Docket 2, Pinnacles

This is to acknowledge receipt of copy of Report of Licensee for the Years 1962, 1963, and 1964 which you recently submitted to the State Water Rights Board. We take this opportunity to point out that each docket holder should place his copy of the report in docket No. 2 and the covering correspondence should be placed on the left side of the docket.

For your future convenience, we shall be pleased to make the distribution of water rights materials other than the copies that you send directly to the State Water Rights Board. This will enable us to assign docket numbers, learn of fee requirements, and add comment as may be appropriate.

/s/ JAMES M. SILER
James M. Siler

cc:

Chief, WODC (2)
Director (SLW)

MMorris/hs

11-13-1964: letter to state water rights board from superintendent regarding report of licensee for the years 1962, 1963, and 1964

642 - 11-13-64

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

RECEIVED
NATIONAL PARK SERVICE
REGIONAL OFFICE
Nov 18 9 48 AM '64

Pinnacles National Monument
Paicines, California, 95043

L54

November 13, 1964

~~S~~
~~SLW~~
Reed
11/19/64

State of California
State Water Rights Board
Room 1140
1416 Ninth Street
Sacramento, California 95814

Re: Application 9083, License 3820,
Bear Gulch, Pinnacles National
Monument

Gentlemen:

Submitted herewith is Report of Licensee for the Years 1962, 1963, and 1964 under License No. 3820.

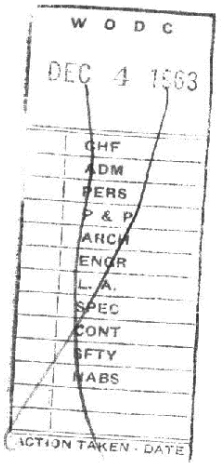
Sincerely yours

DeLyle R. Stevens
Superintendent

Enclosure

Copy to: Director w/attachment ✓ E
Reg. Dir, Western Region w/attachment
Chief, WODC w/attachment

11-22-1963: letter to state water right board from regional chief of lands regarding progress report, petition for correction, petition f




190 New Montgomery Street
San Francisco, California 94105

November 22, 1963

L-5h
Pinn Docket No. 2

Mr. L. K. Hill
Executive Officer
State Water Right Board
P. O. Box 1592
Sacramento 7, California

Dear Mr. Hill:

Enclosed are the following forms in regard to our Application 8969 Permit 4953 Pinnacles National Monument.

1. Progress Report by Permittee for the year 1963
2. Petition for correction of description of Point of Diversion with map.
3. Petition for change in place of use along with map and voucher for filing fee.

One of the primary old diversions was a well in the East Fork of Chalone Creek, N 42° - 07'W; 1750 feet from S-1/4 corner of Sec. 26. It is referred to in the Progress Report as source No. 2 East Fork Chalone Creek Underflow. This was abandoned March 20, 1940 and the diversion was moved to Willow Springs. See our petition of this same date describing our diversions No. 3 and sub-diversions 4 and 5, and your order allowing this change dated March 30, 1940. Willow Springs is in the northern part of the Monument and is tributary to East Chalone Creek. This diversion is still used as a water supply for the Monument. The water is used for irrigation.

The second old diversion referred to as source No. 1 Chalone Creek Underflow was a well about 900 north of our new pumphouse. It was described as Diversion No. 1, N 26° - 11' W; 1750 feet from the SW-1/4 corner of Sec. 35. The old well has been abandoned along with the two wood storage tanks that served the system at that time.

The new system described in our letter of October 1, 1962, covers our present developments. It will serve the Chalone Creek campground area

and supplement the system at Bear Gulch which is overtaxed at present. The Bear Gulch system is Application 9083, Permit 5047, License 3820.

(SGD) JAMES M. SILER

James M. Siler
Regional Chief of Lands

cc:
Director w/encls.
Superintendent, Pinnacles w/encls.
WORC (2) w/encls.

10-05-1961: letter to state water rights board from acting regional director regarding report of licensee for years, 1959, 1960, 1961

180 New Montgomery Street
San Francisco 5, California

L 54

October 5, 1961

State Water Rights Board
P. O. Box 1592
Sacramento, California

Re: Application 9083, License 3820, Bear Gulch,
Pinnacles National Monument

Gentlemen:

Submitted herewith is Report of Licensee for the Years 1959, 1960 and 1961 under License No. 3820.

Sincerely yours,

(SGD) JOHN B. WOSKY

John B. Wosky
Acting Regional Director

Enclosure:

Copy to: Director w/attachment
Superintendent, Pinnacles w/copy of attachment
Chief, WODC w/copy of attachment

W D C
OCT -6 '61
CHF
ADM
PERS
P & P
ARCH
ENGR
L.A.
SPEC
CONT
SFTY
Cooper
Stratton
ACTION TAKEN - DATE

10/10 last
e 11/6

07-28-1959: memorandum to acting regional chief of operations from hydraulic engineer regarding report--travel to pinn to observe

7 Je Docket 2

IN REPLY REFER TO

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

L-34
X 5039

July 28, 1959

Spaulding
McClellan
Manbey
Whitworth
Maier

FILE COPY

Memorandum

To: Acting Regional Chief of Operations, Region Four

From: Hydraulic Engineer Spaulding, Region Four

Subject: Report--Travel to Pinnacles National Monument to Observe Well Test, Chalone Creek Water System

July 20 to 22 I visited Pinnacles National Monument to observe the test pumping of a well drilled as a new water source for Chalone Creek Area and Bear Gulch Area.

Drilling by rotary drill, casing and development of the well had been completed prior to my arrival. Drilling had reached the water table 9 feet below ground surface, had reached rock 38 feet deep and had been stopped after going 2 feet into rock (a total depth of 40.1 feet).

On the recommendation of USGS Geologist Evenson the casing had been torch perforated before installation from 20 feet below top of casing to the bottom, this depth being in a coarse sand formation.

The test pump had been installed on July 15 and the well had been pumped and surged for 9 hours. At that time the well did not yield more than 7 1/2 gallons per minute, the water remained turbid and after 7 hours of pumping a sulphurous odor had been noticed. Geologist Evenson prepared a statement discussing the well and suggesting ways of improving the flow. Mr. Evenson said, in brief, that drilling mud had penetrated the water bearing formation and was keeping water out of the well and that water at the bottom was probably mineralized as a result of proximity to faults. The alternate means of improving the well were, he said:

1. Pull casing up 5 feet (to place perforations in flowing formation).

2. Jet outside of casing.

3. Perforate casing from 12 feet to 20 feet.

4. Pull out casing, clean hole and make gravel pack well; (or) move 5 feet away and drill new hole to 35 feet and perforate with larger slots from 12 to 35 feet.

orig in Pinn Docket 1

Solutions 1 and 2 had been accomplished before I arrived.

Final test pumping was started July 20 to 12 noon. The well was pumped at gradually increasing rates until a maximum stable flow of 13.6 GPM was reached at a drawdown of 17 feet (26 feet below ground). The pump was stopped for one hour and the recovery rate was recorded. At the end of 50 minutes the level had reached 1.1 feet below static. Pumping was resumed and held at a rate of 10 to 12 GPM for 13 hours. The water level at this rate of pumping stabilized at about 14 feet below the top of casing. The pump was stopped at 7:00 P.M. July 21 after a total of 30 hours of pumping.

Water samples were taken at the beginning and end of the test by the USGS for chemical analysis. The water at first was turbid and had a noticeable sulphur odor but became clear and only faintly sulphurous by the end of the test.

On July 22 the contractor backfilled around the casing with gravel from 16 feet to 6 feet below ground surface and was preparing to place grout to the surface when I left the Monument. I believe the well will meet the present needs of the Monument and is acceptable.

During the period I was at the Monument, Geologist Glen Miller was the USGS representative (replacing Mr. Evenson) and Engineer Urbanek was supervising for WODC. Mr. Phillips, one of the Partners of Precision Drilling Company, was present.

I discussed briefly with Superintendent Bright the future action to be taken with regard to existing water sources and water rights covering these diversions. Mr. Bright plans to continue to use the Bear Gulch reservoir (the dam supply) for toilet flushing and fire protection. He plans to disconnect the line from Headquarters Spring to the 20,000 gallon reservoir but to leave the line in place to be reconnected in case of power failure or other interruption of the Chalone Creek supply. The runoff from the spring will be added to the flow in the stream running through the campground, the stream being a much used recreational attraction.

Headquarters Spring is covered by a licensed water right, License 3820, which covers all the Bear Gulch diversions. It may be possible to retain the full licensed right to Headquarters Spring by piping the water to join the sanitary system, by providing for wildlife use or, which is less likely, to claim recreational use for the spring flow on the basis that it supplies the campground creek. At any rate, a change of the license probably will be necessary when it becomes a fact that domestic water for Bear Gulch is supplied from Chalone Creek.

Willow Spring apparently will be abandoned as a direct water source and its flow allowed to join Chalone Creek upon completion of the system now under contract.

Willow Spring diversion is covered by Water Right Application 8969, permit 4957, (unlicensed) which application, incidentally, lists five points of diversion along Chalone Creek. A petition to change the points of diversion and places of use will probably be required to fit the new system. The new well should be added as a point of diversion provided it taps water falling within the State's definition of a "stream." Final licensing probably should be delayed until the permanent headquarters is constructed because the system now to be constructed meets only present water needs. Extension of mains, probably more storage and, possibly, a supplemental well will be required for the ultimate development.

Linn Spaulding
Hydraulic Engineer

Copy to: Director
Supt., Pinnacles
Chief, WODC

bc: Mr. Maier
Mr. Wosky
Mr. Whitworth

Cleared for distribution:

_____
Herbert Maier
Assistant Regional Director
Date: _____

LSSpaulding:hat

Docket 2 Bear Gulch Pinnacles

L-54

~~Spaulding~~ LSS

Whitworth

~~Manbey~~ DFM

Johnston FTJ

FILE COPY

Region Four
180 New Montgomery Street
San Francisco 5, California

December 10, 1958

State Water Rights Board
P. O. Box 1592
Sacramento, California

Re: Application 9083, License 3820, Bear Gulch
Pinnacles National Monument

Gentlemen:

Submitted herewith is Report of Licensee for the Years 1956, 1957 and 1958 under License No. 3820.

Sincerely yours,

(SGD) FRED T. JOHNSTON

Fred T. Johnston
Regional Chief of Operations

Attachment

Copy to: Director w/attach.
Supt., Pinnacles w/cy attach.
Chief, WODC (2) w/cy attach.

LSSpaulding:hat

10-07-1958: memorandum to regional director from water resources section regarding water right reports

RETURN TO → Spaulding's copy

Linn Spaulding 12/4/58 11:27 - for filing in Bridgeport later.

In reply refer to:
L54-L

RECEIV.
NPS REGION FOUR OFFICE
OCT 13 '58

October 7, 1958

| | SURNAME | DAT |
|---|---|---|
| REG. DIR. | | |
| ASST. R.D. | | |
| OPERATIONS | | |
| ADMIN. | | |
| RECREATION | | |
| LEGAL | | |

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Water Right Reports

DEVA - Docket 1, 2, 7, 24 (25) Cow Creek, Wild Rose Spr., Thorndike, Blue Cliff
YOSE - Docket 2 Bishop Cr.
PINN - Docket 2 Bear Gulch

The five copies of forms for the following reports are attached for preparation by Mr. Spaulding, or the Superintendents if necessary, following the general nature of statements in the earlier reports which are now in the dockets. The original should be sent to the State Water Rights Board, and the four copies should be distributed for the dockets in your office, the area, WODC and here. A fee of $5.00, payable and reimbursed under Work Order 4-WR-59, is needed with each request for extension of time where the annual report is accompanied by a notice of expiration. Incidently, the total fees for rights in each area should be noted for the annual breakdown for capitalization.

DEATH VALLEY

Application 8423, Docket 24, former Thorndike claim. Annual Progress Report - no fee. Last year's report should be amplified if you can report any planning with cost, or even increase in visitor or NPS use.

See letter to State Water Rights Board 12/2/58 MAT.

Application 9509, Docket 2, Cow Creek Power. Annual Progress Report - no fee, and notice of expiration - fee needed if extension of time is requested. I suggest that the annual report be submitted, stating on reverse that it is desired to make proof on the existing installation but that it is suggested that inspection be deferred until receipt of pending petition for change in point of diversion under related Application 9510, License 4621, and new application for appropriation of supplemental water being developed at that new point of diversion. This should be supplemented with cover letter requesting same proof of suggested date, and inquiring as to whether the form to request extension of time beyond December 1 is needed. Hold that notice of expiration until reply is received. I am in no position to prepare the report and request because we have no reply to my memorandum of August 29. In addition, I am not sure how the power unit is functioning under the greater head if no pressure reducer has been provided.

See Supt's. memo of Oct 21

DEATH VALLEY

Application 9510, License 4621, Docket 1, Cow Creek Domestic. Triennial report of licensee - no fee. The only reports of license which come to my mind at this time are those in Part II of Docket 1, Kings Canyon National Park for the Big Stump Water System - the last being for 1956. The two situations are similar in that water use exceeds the licensed authorization, and our admission of the fact in connection with the Big Stump right led to filing of an application for the supplemental water, which has been protested. We have prepared the drafts of petition to change point of diversion, and application for the appropriation, as submitted to you for certain assistance with my memorandum of August 29. I cannot see any basis for protest of the proposed petition and application. I recommend that the changes be admitted in the report, but cannot prepare the report because I do not know exactly what has been done on the ground, or how soon I will receive the information requested in August. I suggest that you indicate that the two instruments will be submitted by about December 31, if you can fully answer my August memorandum within the next six or eight weeks.

Dunn expects to complete (1) petition for amendment of rights and (2) supplemental application - See his memo of Oct. 8.

Application 10276, License 4897, Docket 7, Wildrose Spring. Triennial report of licensee - no fee. There should be no difficulty in preparation by someone familiar with present status of system and water use.

See letter to State Water Rights Board 12/3/58 draft

Application 17839, Docket 25, Blue Cliff Spring use of 0.035 s.f. by Ramos, et al. Annual Progress Report - no fee. At about 15.7 gpm, with mills requiring about 12.0 gpm, there should be no difficulty in report if there has been mining operation. There would be no complication if it is necessary to report that Ramos, like Detloff, suspended operations because of poor market, provided it can also be reported that there has been some activity at the camp between October 1, 1957, and October 1, 1958.

See letter to State Water Rights Board 12/3/58 draft.

PINNACLES

Application 9083, License 3820, Docket 2, Bear Gulch Sources. Triennial report of licensee - no fee. Similar report of 1955 only needs some references to more up-to-date visitor counts. If number of visitors has been lower it may be desirable to explain any modernization of facilities which has increased per capita water use.

YOSEMITE

Application 11947, Docket 2, Bishop Creek. Annual Report and notice of expiration. Fee needed only if extension of time is requested. One of the most important water right projects which I have scheduled for Region Four for a number of years has been the preparation of claims to water used in Yosemite, with the dates of first use of each source, in order that we can decide, with the Solicitor's suggestion, whether

YOSEMITE

to file applications or assert some other basis of right in each case. I suggested that we start with floor of the valley some years ago, but there has been no apparent attempt, yet, to obtain funds, now by work order, hire or detail necessary local personnel, and prepare statements of claim in form suitable for applications, and the supporting maps. Mr. Preston's memorandum of January 31, 1957, indicates that the authorized 0.01 sec.ft. under Application 11947 might cover most of use from Chinquapin Water System, if transferred by petition. I think such petition, with statement that it does not constitute waiver of any other rights to same Indian Creek source, might be less subject to protest than a new application, and be valuable even if it does not cover earliest priority. For that reason I recommend progress report explanation that point of diversion has been changed, and request for extension of time to prepare petition. This might be discussed with Mr. McClellan, and the request should give some indication of when petition for change can be expected.

Some of the forms have been received in insufficient quantities and others in sets of six. I have made erasures, and modified some of the extra forms to complete necessary sets of five. Please be sure that the modified forms are used for NPS copies, and not sent to Water Rights Board.

I am preparing reports and requests for extensions of time for Furnace Creek and Texas Spring water, for which I have as much data as you. I am also preparing similar report and request for extension of time for the Emigrant and Pioneer Springs. With increasing attendance and low precipitation during most of the past 14 years, as shown in the memorandum of July 16 from Mr. Binnewies, I would hate to abandon Pioneer Spring and have miners enter the picture if it can serve even limited future needs. It should be remembered that Mrs. Putnam has a senior right to part of the water now used.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachments 35

Copy to: Chief, WODC
Superintendent, Death Valley
Superintendent, Pinnacles
Superintendent, Yosemite
Mr. Dunn

AvVDunn:lct

10/7

STATE OF CALIFORNIA

**STATE WATER RIGHTS BOARD**

1401 21ST STREET, P. O. BOX 1592

SACRAMENTO, CALIFORNIA

L54

Application 9083 License 3820

Source (1 & 6) Bear Gulch Cr. (2) Headquarters spring (3) Condor Gulch Spring (4) Bear Gulch spring (5) Moses Spring

*To Licensee:*

On or about October 15, 1958, a request was made that you submit a report (upon a blank form which was furnished) showing the use of water for the past three years under the license numbered above. To date no reply has been received and the matter is again brought to your attention with a request that the report be filed immediately.

In case the blank form has been misplaced please advise and another will be forwarded.

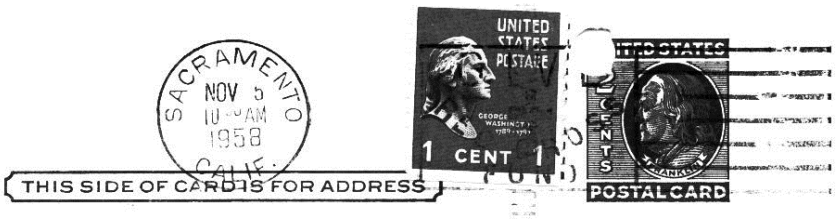
Yours very truly,

November 1, 1958

STATE WATER RIGHTS BOARD

FORM 91B

75365 4-58 700 SPO




U. S. Pinnacles National Monument
The Director, National Park Service
Interior Building
Washington 25, D. C.

11-02-1955: memorandum to regional director from water resources section regarding water rights, reports

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

In reply refer to:
L54-L

RECEIVED
NPS, REGION FOUR OFFICE
NOV 8 - 1955

NOV 2 1955

| | SURNAME | DATE |
|---|---|---|
| REG. DIR. | | |
| ASST. R.D. | | |
| OPERATIONS | [illegible] | 11/8 |
| ADMIN. | | |
| COOP. ACT. | | |
| INTERP. | | |
| LEGAL | | |
| [illegible] | DFM | 11/8 |

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Water Rights, Reports, Dockets 1 and 2, Pinnacles

Attached are copies of the Report of Licensee for 1953, 1954 and 1955 to be filed in your assembly of Docket 2, Bear Gulch Water System, and of Progress Report and Request for Extension of Time to be filed in Docket 1, Chalone Creek Water System, Copies are also being sent directly to the Superintendent with copy of this memorandum, and Docket Folders and copies are being sent to the Western Office of Design and Construction. The originals are being sent to the State Engineer without a cover letter.

The reports have been prepared in the order listed and reflect some data from the memoranda supplied by Mr. Mahan for both 1954 and 1955 as well as my past studies of the Monument attendance. Questions in the Report of Licensee make it necessary to be somewhat more general than usual.

A. van V. Dunn
Chief, Water Resources Section

Attachments 3

Copy to: Superintendent, Pinnacles, with attachments
Western Office of Design and Construction, with attachments

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

In reply refer to:
L54-L

Monterey BFM

October 14, 1953

Sent cc Supt. Pinnacles
10/19

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Branch

FILE

Subject: Bear Gulch Water Rights, Docket 2, Pinnacles National Monument

The signed copy of License No. 3820 for the Monument assembly, and a photostat copy for your assembly, are attached. They should be filed at the top of the contents in the dockets. The number of the license should be added on the margin of the docket cover.

The letter of transmittal from the State Engineer advises that a copy has been filed with the Recorder of San Benito County.

A. van V. Dunn
Chief, Water Resources Branch

In duplicate

Attachments 2

NATIONAL PARK SERVICE
RECEIVED
OCT 19 1953
REGION FOUR OFFICE

08-28-1953: memorandum to regional director, region four from chief, water resources branch regarding proposed license on wate

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

In reply refer to:
L54-L

Manbey BFm
Sent cc Supt - Pinnacles
9/1 BFm

AUG 28 1953

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Branch

Subject: Proposed License on Water Right Application 9083, Permit 5047 (Docket 2), Pinnacles National Monument

Attached are two copies each of a letter of August 20 from Mr. Jopson, defining water use to be recognized in the proposed license under the subject application and permit, and of our concurring reply. Mr. Jopson has made a very liberal allowance for actual beneficial use. I am particularly pleased to have him recognize the total storage releases as beneficial.

A. van V. Dunn
Chief, Water Resources Branch

In duplicate

Attachments 4

NATIONAL PARK SERVICE
RECEIVED
SEP 1 1953
REGION FOUR OFFICE

08-28-1953: letter to division of water resources from director regarding application 9083

In reply refer to:
L54-L

AUG 28 1953

Division of Water Resources
Public Works Building
P. O. Box 1079
Sacramento, California

Subject: Application 9083, Bear Gulch Creek and Headquarters Spring, Pinnacles National Monument

Gentlemen:

The water use under the subject application seems to have been approximately as described in the letter of August 20 from Mr. Jopson for a period of fifteen years, being limited by the available supply. Accordingly, the proposed license will be acceptable.

Sincerely yours,

(SGD) Conrad L. Wirth

Conrad L. Wirth
Director

Copy to: Regional Director, Region Four (2)

C O P Y

Earl Warren
Governor of California

A. D. Edmonston, State Engineer
Chief of Division

Frank B. Durkee
Director

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Address reply to
Division of Water Resources
Public Works Building
P. O. Box 1079
Sacramento 5

August 20, 1953

Application 9083

Refer to:
L54-L

United States
Department of the Interior
National Park Service
Washington 25, D. C.

Attention: Mr. Harry K. Sanders,
Acting Director

Gentlemen:

Reference is made to Application 9083 to appropriate from (1) and (1A) Bear Gulch Creek, and (2) Headquarters Spring for recreational purposes.

Following receipt of your report advising that construction and use were complete an inspection was made as required by law. The report of the inspecting engineer shows that; (a) 0.01 cubic foot per second by direct diversion and (b) 32.6 acre-feet per annum by storage have been put to beneficial use for domestic purposes and that the seasons of diversion have extended from January 1 to December 31 for direct diversion and from about November 1 of each year to about May 1 of the succeeding year for storage.

The report also shows that facilities have been installed for the use of a total of 0.043 cubic foot per second by direct diversion and 36.6 acre-feet per annum by storage for domestic and fire protection purposes under the permit.

Unless we are advised to the contrary within 30 days, it will be assumed that you desire license for the amounts, seasons and purposes stated above. We trust you understand that after issuance of license there can be no further increase in use under this right.

Very truly yours,

A. D. EDMONSTON, STATE ENGINEER

By /s/ L. C. Jopson
L. C. Jopson
Principal Hydraulic Engineer

FILE COPY

In reply refer to:
L54

July 14, 1953 ~~MANBEY~~ BFM

Memorandum

To: Superintendent, Pinnacles

From: Regional Chief of Lands, Region Four

Subject: Bear Gulch Water System, Water Right Docket No. 2, Pinnacles National Monument

Attached is original copy of Order Allowing Change in Points of Diversion, covering the above-mentioned water right. This should be filed in the Monument assembly.

There is also attached copy of Mr. Richey's memorandum of July 10 on the same subject.

B. F. Manbey
Regional Chief of Lands

Attachments 2

Copy to: Director

BFManbey:rw

07-10-1953: memorandum to regional director, region four from chief of lands regarding petition for change in point of diversion

In reply refer to:
L54-L

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

Monterey BLM

July 10, 1953

Wrote Supt 7/14 BLM

Memorandum

To: Regional Director, Region Four

From: Chief of Lands

Subject: Bear Gulch Water System, Water Right Docket No. 2, Pinnacles National Monument

On May 8 we forwarded to you a copy of Petition for Change in Point of Diversion, together with copies of correspondence pertaining to the above water system.

Attached are two copies of Order Allowing Change in Points of Diversion, issued by the State Engineer under date of June 29, for insertion in the assemblies of Pinnacles Water Right Docket No. 2 in your office and at the Monument. The original signed copy should be inserted in the Monument assembly.

Charles A. Richey
Chief of Lands

In duplicate

Attachments 2

NATIONAL PARK SERVICE
RECEIVED
JUL 14 1953
REGION FOUR OFFICE

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

In reply refer to:
L54 (PINN-L

~~Hutt~~ RBH 6/9
~~Jackson~~ WSJ
~~Hornby~~ BFM.

Copy sent to Pinnacles 6/9

June 3, 1953

Memorandum

To: Regional Director, Region Four

FILE

From: Chief, Water Resources Branch

Subject: Proof on Water Right Application 9083, Docket No. 2, Pinnacles National Monument

Attached are two copies of acknowledgment of receipt of the subject proof, which included the last revisions of drawing NM-PIN-6978. Accordingly, the comments of Mr. Gianelli relate, in part, to the work of Mr. Crowley and his staff.

A. van V. Dunn
Chief, Water Resources Branch

In duplicate

Attachments 2

NATIONAL PARK SERVICE
RECEIVED
JUN 8 1953
REGION FOUR OFFICE

C O P Y

Earl Warren
Governor of California

A. D. Edmonston, State Engineer
Chief of Division

Frank B. Durkee
Director

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Address Reply to
Division of Water Resources
Public Works Building
P. O. Box 1079
Sacramento 5

May 27, 1953

Application 9083

Mr. Ronald F. Lee, Assistant Director
United States
Department of the Interior
National Park Service
Washington 25, D. C.

Dear Mr. Lee:

Receipt is acknowledged of your letter of May 8, together with the petition for change in point of diversion under water right Application 9083, Permit 5047, and two copies of drawing No. NM-PIN-6978C. Your courtesy in supplying the detailed information in your letter is appreciated.

Action on the petition will be taken in the near future.

Very truly yours,

A. D. EDMONSTON, STATE ENGINEER

By /s/ W. R. Gianelli
W. R. Gianelli
Senior Hydraulic Engineer

05-22-1953: memorandum to superintendent from regional engineer, region four regarding final proof

FILE COPY
In reply refer to:
L54 PINN-L

~~JACKSON~~
~~HOHL~~
~~MANBEY~~
~~CROWLEY~~

May 22, 1953

Memorandum

To: Superintendent, Pinnacles

From: Regional Engineer, Region Four

Subject: Final Proof, Bear Gulch Water System (Docket No. 2)

Attached is a copy of a memorandum from Assistant Director Lee to this office, which is self-explanatory. Also attached is the print, NM-PIN-6968-C, and copies of the petition, the letter to the State Division of Water Resources, and Mr. Gianelli's letter of April 6, as requested in Mr. Lee's memorandum.

(SGD) H. L. CROWLEY
H. L. Crowley
Regional Engineer

Attachments

WSJackson:rw

05-22-1953: memorandum to director from regional engineer, region four regarding final proof

FILE COPY
In reply refer to:
L54 PINN-L

~~JACKSON~~ WSJ
~~HOHL~~ RWH
~~MANBEY~~ OF 4
CROWLEY

May 22, 1953

Memorandum

To: Director

From: Regional Engineer, Region Four

Subject: Final Proof, Bear Gulch Water System (Docket No. 2), Pinnacles National Monument

Attached are two revised prints, NM-PIN-6978-C, as requested in Mr. Lee's memorandum of May 8. The suffix was changed from "B" to "C" on all the material before transmittal to the State and Pinnacles National Monument.

(SGD) H. L. CROWLEY

H. L. Crowley
Regional Engineer

Attachments 2

WSJackson:rw

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

In reply refer to:
L54 PINN-L

MAY - 8 1953

Memorandum

To: Regional Director, Region Four

From: Assistant Director

Subject: Final Proof, Bear Gulch Water System (Docket No. 2), Pinnacles National Monument

Attached are a letter of this date to the State Division of Water Resources, and a Petition for Change in Point of Diversion. Also attached are copies of the petition and letter, and of Mr. Gianelli's letter of April 6, in duplicate, for addition to the subject docket in your office and at the Monument, and one print of drawing NM-PIN-6978C.

It is assumed that the letter and petition to the Division of Water Resources will be satisfactory to you. In that case, please make the corrections on the tracing as indicated on the drawing, make six prints, and forward two with the letter and petition to the Division of Water Resources. Also send two prints of the drawing to us, and add the other two to the instruments to be filed in Docket No. 2 in your office and at the Monument. The signed carbon copy of the petition should be included in the assembly at the Monument.

Of course, if any modifications seem desirable, all instruments should be returned with proper notations so that I may send the revised copy direct to the Division of Water Resources.

Harold F. Lee

Assistant Director

In duplicate

Attachments 8

NATIONAL PARK SERVICE
RECEIVED
MAY 12 1953
REGION FOUR OFFICE

In reply refer to:
L54 PINN-L

May 8, 1953

Division of Water Resources
Public Works Building
P. O. Box 1079
Sacramento, California

Subject: Application 9083.

Gentlemen:

In his letter of April 6, and draft of Petition for Change in Point of Division, Mr. Gianelli has evidently assigned number 1a to the 4-inch pipe diversion at the small dam designated as Point of Rediversion on our drawing No. NM-PIN-6975, which was constructed to replace Diversion 6 about 1939. We enclose two prints of drawing NM-PIN-6978B, which we prepared last fall to show the water system and explain the water use approximately as found by your engineer last May, with the Point of Rediversion also designated as Diversion 1a.

In accordance with Mr. Gianelli's request, the following table of water level elevations in the reservoir at Diversion 1 is offered:

Recorded Elevations of Bear Gulch Reservoir
(at close of each month)

| | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 |
|---|---|---|---|---|---|---|---|
| Jan. | 1598.1 | 1589.2 | 1601.0 | 1601.0 | 1600.0 | 1610.0* | 1608.0 |
| Feb. | 99.2 | 89.7 | 1610.0* | 03.0 | 1601.0 | 1607.0 | 1605.0 |
| Mar. | 98.0 | 95.5 | 1609.0*** | 06.0 | 1600.0 | 1612.0** | |
| Apr. | 97.4 | 98.0 | 1604.0 | 02.0 | 1599.5 | 1606.5 | |
| May | 96.1 | 97.5 | 1602.5 | 02.0 | 98.4 | 1603.5 | |
| June | 94.7 | 97.0 | 1601.0 | 1600.5 | 97.2 | 1602.7 | |
| July | 95.0 | 96.1 | 1599.9 | 1599.0 | 96.3 | 1597.7 | |
| Aug. | 93.5 | 94.5 | 99.0 | 97.0 | 94.7 | 95.0 | |
| Sept. | 92.7 | 93.0 | 97.0 | 95.0 | 92.8 | 93.2 | |
| Oct. | 91.5 | 92.5 | 96.0 | | 91.8 | 89.0 | |
| Nov. | 90.5 | 90.5 | 95.5 | | 1594.0 | 90.5 | |
| Dec. | 89.4 | 1600.0 | 94.5 | 96.0 | 1610.0* | 1609.5 | |

* Full reservoir
** Full, with overflowing surcharge
*** Full most of month

As your inspector doubtless observed, the crest of the dam is not level, and the full 2-foot depth of overflow in March 1952 did not necessarily extend over the entire dam. The table also shows water has rarely exceeded an elevation of more than 1602, and there is evidently excessive seepage when the water rises above 1606. From the annual change in water level between July 31 and August 31, it is also evident that summer releases, by seepage or open valve, average slightly under 3.0 acre-feet per month, or about 0.2 second-foot. Part of this release is to maintain the supply at Diversion 1a. The rest is for scenic effect along the cave trail during the dry season, and is either consumed by native vegetation or contributes to the downstream flow.

Except for the war years, attendance has varied between 22,000 and 28,000 since 1937, with the peak of 28,036 in 1941. Attendances of 27,434 and 26,111 are recorded for 1951 and 1952, respectively. The annual and peak day statistics, as a measure of sanitary water demand, were as follows, the peak being April 15 in 1951 and April 6 in 1952, with the unit rates of consumption estimated by the Chief of our Water Resources Branch. Apparently maximum diversions from Diversion 1a on April 15, 1951, were about 13,000 gallons.

| | 1951 | 1952 |
|---|---|---|
| Total annual visitors | 970 | 765 |
| Total employee days (including families) | 1460 | 1464 |
| Annual Total | 2430 | 2229 |
| Peak day population: | | |
| Employees and families @ 50 gpc/d | 4 | 4 |
| Part-day visitors @ 10 gpc/d | 841 | 650 |
| Overnight campers @ 35 gpc/d | 125 | 111 |
| Total population using water on peak day | 970 | 765 |

The Petition for Change in Point of Diversion was signed by Assistant Director Allen, who is now on an extended trip, in advance of this letter, in order to obtain photostat copies for simultaneous distribution. I am also sending the letter through

our Regional Office with a request to add two prints of drawing 
WS-PIR-6978B which shows the water system as constructed.

Sincerely yours,

Ronald F. Lee
Assistant Director

Enclosures 3

Copy to: Regional Director, Region Four (2)

C O P Y

EARL WARREN
GOVERNOR OF CALIFORNIA

A. D. Edmonston, State Engineer
Chief of Division

Frank B. Durkee
Director

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Address reply to
Division of Water Resources
Public Works Building
P. O. Box 1079
Sacramento 5

April 6, 1953

Application 9083

L54 PINN-L

United States
Department of the Interior
National Park Service
Washington 25, D. C.

Attention: Mr. Harry K. Sanders, Acting Director

Gentlemen:

The project at Pinnacles National Monument under water right Application 9083, Permit 5047 was inspected by an engineer of this office on May 19, 1952. His report indicates that the 0.0015 cubic foot per second originally proposed for direct diversion at Bear Gulch Spring (Diversion 4) is allowed to flow to Bear Gulch Creek Dam (Diversion 1) where it is taken under control together with the water impounded by the dam. The report also indicates that of the 0.0100 cubic foot per second proposed for direct diversion at Diversion 6, 0.0396 cubic foot per second is taken under control at Bear Gulch Creek Rediversion Dam (Diversion 1a) and 0.0004 cubic foot per second is taken at Headquarters Spring (Diversion 2), and that Diversions 3, 4, 5 and 6 have been abandoned.

In order that the water originally proposed for diversion at points 4 and 6 and now taken at points 1, 1a and 2 may be covered under the permit it is suggested that a petition be submitted for change in points of diversion of the amounts above stated. Forms have been prepared for the purpose and are enclosed. If they meet with your approval, kindly sign them and return them to this office.

Will you please advise us as to the maximum drawdown of Bear Gulch Reservoir during the summers of 1949 and 1952.

Very truly yours,

A. D. EDMONSTON, STATE ENGINEER

By /s/ W. R. Gianelli
W. R. Gianelli
Senior Hydraulic Engineer

Encls.

Manbey
BFM

September 25, 1952

Air Mail

Memorandum

To: Director

From: Regional Chief of Lands, Region Four

Subject: Proof on Bear Gulch Water System, Application 9083, Permit 5047, Docket No. 2, Pinnacles National Monument

Washington Office memorandum of September 2 requested that we endeavor to secure certain data in connection with proof on the above-mentioned water right. In this connection, there is now attached copy of Superintendent Gibb's memorandum of September 18 providing such information as he has been able to obtain for Mr. Dunn. It is believed that he may wish to study this when he comes to San Francisco.

FILE COPY

B. F. Manbey
Regional Chief of Lands

Attachment

Copy to: Supt., Pinnacles

BFManbey:E

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Memorandum

September 18, 1952

To: Regional Director, Region Four

From: Superintendent, Pinnacles National Monument

Subject: Proof of Bear Gulch Water System, Application 9083, Permit 5047

NATIONAL PARK SERVICE RECEIVED SEP 19 1952 REGION FOUR OFFICE

I have read Acting Director Sanders' memorandum of September 2... on the above subject and will give you as much information as I have.

We do not have the engineering notes in connection with the construction of the dam so have not located a benchmark, but from a study of the drawings have assumed that the bottom of the overflow pipe is at an elevation of 1610 feet. All our records of water level elevations which appear in our monthly report are based on this point. If further refinement is necessary an Engineer will have to make a trip down here and establish a Bench Mark.

The peak day of attendance in 1951 was April 15. On that day we had 841 daily visitors, 125 campers and 4 Park personnel, or a total of 970 visitor days. The concession was not operating, so actual figures on the concession load are not available. It can be assumed that with 10 cabins filled and the concessioner and his employees, the peak concession load would be 40 people.

The peak day of attendance in 1952 was April 6. On that day there were 650 daily visitors, 111 campers and 4 Park personnel. A total of 765 visitor days. The concession was not operating so we have no figures on their load.

With the toilets in all the cabins and rest rooms operating with water from the dam and with a 20,000 gallon storage tank of potable water with an intake of 900 gallons a day we have not had water shortage in the last five years.

If necessary, the Superintendent can bring the water files to the Region Four Office when Mr. Dunn is there.

William H. Gibbs

William H. Gibbs
Superintendent

09-24-1952: memorandum to regional director, region four from chief, water resources branch regarding proof on bear gulch water

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

In reply refer to:
L54 PINA-L

Hoht RRH 9/30
Manbey
Sent cc Supt. Pinnacles 9/30 BFm.
BFm

File Docket No 2
Pinnacles

September 24, 1952

NATIONAL PARK SERVICE RECEIVED SEP 29 1952 REGION FOUR OFFICE

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Branch

Subject: Proof on Bear Gulch Water System, Application 9083, Permit 5047, Pinnacles National Monument

Attached are a tracing, NM-PIN-6978A, of an "as constructed drawing" of the subject water system, and two copies of a letter of September 11 from the State Supervising Hydraulic Engineer concerning that proof. Please hold these records until my arrival in San Francisco, and obtain the additional data on peak attendance and water use, as outlined in the memorandum of September 2 from Mr. Sanders.

Although Mr. Smitherum seems to think he has sufficient data to determine the quantity of water used, I believe that he may arrive at a low figure unless we supply data on peak use. Accordingly, I propose to discuss his findings with him while in California, and to supply additional data if necessary, to obtain maximum rights, particularly to the stored water.

A. van V. Dunn
Chief, Water Resources Branch

In duplicate

Attachments 3

C O P Y

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Application 9083

September 11, 1952

L54 PINA-L

United States
Department of the Interior
National Park Service
Washington 25, D. C.

Attention: Mr. Harry K. Sanders, Acting Director

Gentlemen:

Your letter of September 2 is acknowledged.

There are no forms to be filed in connection with making final proof of completion of the appropriation under the permit issued in the matter of your Application 9083.

Based upon the information secured at the time of inspection of the project covered by the permit on May 19, 1952 by an engineer of this office issuance of a license is under consideration. The license, if and when issued, will confirm the rights initiated by the application to the extent beneficial use of water has been made as determined by the inspection.

You will be informed in due course as to the action to be taken.

Very truly yours,

A. D. EDMONSTON, STATE ENGINEER

By /s/ Harrison Smitherum
Harrison Smitherum
Supervising Hydraulic Engineer

09-09-1952: memorandum to superintendent, pinn from acting assistant regional director, region four regarding proof of bear gulch

In reply refer to: L54 PINA-L

~~Hohl~~
~~Crowley~~

September 9, 1952

Memorandum

To: Superintendent, Pinnacles National Monument

From: Acting Assistant Regional Director, Region Four

Subject: Proof of Bear Gulch Water System, Application 9083, Permit 5047

Attached is a copy of a memorandum on the subject from Acting Director Sanders, dated September 2.

We would appreciate receiving from you the answers to as many of the questions raised, as you may be able to answer. This applies especially to the last paragraph, first page.

H. L. Crowley
Acting Assistant Regional Director

Attachment
LLHohl:fa

RECEIVED
SEP 10 1952

00-00-0000: hand written note

CROWLEY

Presume you cannot supply these data from your records!

Would Pinnacles be in a position to supply it?

cost

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

In reply refer to:
L54 PINA-L

SEP 2 - 1952

NATIONAL PARK SERVICE RECEIVED SEP 5 1952 REGION FOUR OFFICE

Memorandum

To: Regional Director, Region Four

From: Acting Director

Subject: Proof on Bear Gulch Water System, Application 9083, Permit 5047, Pinnacles National Monument

Due to an extremely urgent need for proof on water rights at Zion National Park by September 25, the Water Resources Branch has been unable to give further attention to the Pinnacles water rights since receipt of the memorandum of June 26 from Mr. Hill. We will now attempt to prepare the plan of the constructed system and assemble the other data needed for proof, but we should have certain information from you.

A reference to Docket No. 2 will show that the main dam above the Cave is on record as constructed with a water surface elevation of 1610, and a proposed elevation of 1620. The 1610 elevation was confirmed in the memorandum of Oct. 28, 1941, to the Regional Engineer from Mr. Hohl. Mr. Dunn made a later attempt to check the elevation, but was unable to locate a recognized bench mark or basic elevation at the site. We should like to have a reliable statement of the elevation of the low spot on the dam crest.

We should also like to have attendance figures for one or more peak days during 1951 and 1952, with dates; the number of visitors who spent the night on that date, in the cabins and campgrounds respectively; and the total number of meals served by the concessioner if that information is available. We should also know the employee population (Federal and concessioner) including families, who were in residence at the Monument on those dates. Finally, we should like to know how many, if any, of the guest cottage bathtubs and showers were made available for use during those dates, and the number which are disconnected because of water shortage.

Mr. Dunn now proposes to be in Region Four during most of October, to work out the Death Valley problems, but does not wish to take the time to go to the Pinnacles. Accordingly, it will be appreciated if the requested information can be assembled for his review in your office.

Harry K. Sanders
Acting Director

In duplicate

~ Monterey BFm

In reply refer to:
L54 PINA-L

Sent to Pinnacles 9/8 BFm

NATIONAL PARK SERVICE RECEIVED SEP 5 1952 REGION FOUR OFFICE

PINNACLES
N.P.S. DOCKET No. 2.

Subject: Application 9083,
Permit 5047

Division of Water Resources
Department of Public Works
Sacramento, California

SEP 2 - 1952

Gentlemen:

As prescribed by the Water Code it is desired to report completion of the project covered by the application and permit noted above. Use of water is full and complete and it is impossible to increase the amount heretofore beneficially used, or to extend the use into months other than those in which the water has heretofore been beneficially used, except that more beneficial use may be made of water now lost by evaporation from the reservoir at Diversion No. 1.

The project was inspected by Mr. S. Sheehan on May 19, 1952. We are now preparing a final plan of the system as constructed, as discussed by the Chief of our Water Resources Branch and Mr. Edson some years ago. Please send us four copies of any forms now used in connection with final proof.

Sincerely yours,

(SGD) HARRY K. SANDERS

Acting Director

Copy to: Regional Director, Region Four (2)

FILE COPY
In reply re
L54 PINA-L

~~PETERSON~~
~~HOHL~~ 6/24
~~CROWLEY~~ 6/24
~~MANBET~~ 6/13
~~HIGH~~ SH

Memorandum June 26, 1952

To: Director

From: Assistant Regional Director, Region Four

Subject: License Inspection of May 19 by Mr. S. Skeehan, State Division of Water Resources, Covering Permit 5047, Application 9083, Bear Gulch Area, Pinnacles National Monument

Mr. Dunn's memorandum of June 19 on the above subject states that there is some question as to the advisability of making proof under Application 9083 (Docket No. 2), without better integration of the combined water development plans for the Bear Gulch and Chalone Creek sources.

We do not quite agree with Mr. Dunn in believing it to be inadvisable to make proof under Application 9083. It appears to us that issuance of the license does not necessarily mean we cannot at some future date integrate the Bear Gulch system with the Chalone Creek system. Furthermore, we believe the license on the Bear Gulch water can be abandoned or modified as required at the time the systems are integrated. If modification only is required there would appear to be no loss of priority on water already in use.

Mr. Robertson's "Progress Report by Permittee for the Year 1951", dated October 12, 1951, indicates this Service has completed all development we consider feasible under Application 9083. (See items Nos. 4, 5, and 10, and notes on reverse side of report). Therefore, we feel there is no particular reason why the State Division of Water Resources should not make their inspections. Incidentally, notification of the intended inspection May 19 by Mr. Skeehan, was mailed to the Superintendent of Pinnacles on May 9, ten days prior to the inspection.

Regarding the statements in the last paragraph of Mr. Dunn's memorandum, please be advised that Drawing NM-PIN-5312 of 1947 is the latest map of the Chalone Creek water system.

(Sgd) SANFORD HILL
Sanford Hill
Assistant Regional Director

Copy to: Supt., Pinnacles
Regional Director, Field

LTPeterson:rw

In reply refer to:
L54 PINA-L

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

Rough draft of memo to Director 6/25 HC

June 19, 1952

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Branch

Subject: Report of June 9 by Mr. Peterson on License Inspection of May 19 by Mr. S. Skeehan, State Division of Water Resources, at Bear Gulch Area of Pinnacles National Monument

The subject report reflects conclusions by Mr. Skeehan which are nominally in agreement with my own, if we wish to make proof at this time. However, there is some question as to the advisability of making proof under Application 9083 (Docket No. 2) without better integration of the combined water development plans for the Bear Gulch and Chalone Creek sources. It is, therefore, somewhat disconcerting to learn that the Division of Water Resources is making unannounced inspections with that objective.

We can, as suggested, probably reallot the portions of the authorized diversions among the springs without loss of priority. This is not in full compliance with the statutes, but is doubtless done.

The proof of beneficial use from the reservoir introduces a greater stretch of the imagination and defers final proof of use of the waters of Chalone Creek under Application 8969 (Docket No. 1). We do not use the water in one year, but over a number of years with excessive evaporation losses, and even the small percentage of the stored water which is actually used for sanitary purposes will result in equivalent reduction in the demand for water from Chalone Creek by a water system which is still only in the stage of planning.

Accordingly, unless our hands are forced by the Division of Water Resources, we should have our over-all water development plan formulated before we make proof. The latest map of the Chalone Creek water system seems to be Drawing 5312 of 1947, with

supplemental references to older drawings of details of Bear Gulch and Willow Springs. If there are more up-to-date plans or a consolidated one covering the PCP's mentioned in Mr. Crowley's memorandum of January 21 and Mr. Hill's memorandum of May 21, 1951, it will be helpful to have them. Meantime, we will expand the table of Bear Gulch Reservoir storage, which was given in my memorandum of November 7, 1950, and see what type of storage and use we can justify.

A. van V. Dunn
Chief, Water Resources Branch

In duplicate

In reply refer to:
L54 PINA-L

June 19, 1952

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Branch

Subject: Report of June 9 by Mr. Peterson on License Inspection of May 19 by Mr. S. Skeehan, State Division of Water Resources, at Bear Gulch Area of Pinnacles National Monument

The subject report reflects conclusions by Mr. Skeehan which are nominally in agreement with my own, if we wish to make proof at this time. However, there is some question as to the advisability of making proof under Application 9083 (Docket No. 2) without better integration of the combined water development plans for the Bear Gulch and Chalone Creek sources. It is, therefore, somewhat disconcerting to learn that the Division of Water Resources is making unannounced inspections with that objective.

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Accordingly, unless our hands are forced by the Division of Water Resources, we should have our over-all water development plan formulated before we make proof. The latest map of the Chalone Creek water system seems to be Drawing 5312 of 1947, with

supplemental references to older drawings of details of Bear Gulch and Willow Springs. If there are more up-to-date plans or a consolidated one covering the PCP's mentioned in Mr. Crowley's memorandum of January 21 and Mr. Hill's memorandum of May 21, 1951, it will be helpful to have them. Meantime, we will expand the table of Bear Gulch Reservoir storage, which was given in my memorandum of November 7, 1950, and see what type of storage and use we can justify.

(SGD.) A. VAN V. DUNN
A. van V. Dunn
Chief, Water Resources Branch

In duplicate

File in Deed No. 5 - DOCKET No. 2

Form 23A PINNACLES Application 9083 Permit 5047

This is to inform you that Stanley Skeehan, an engineer of this office, will make an inspection of the construction work and use of water under the above numbered application and permit to appropriate from Condor Gulch Spring etc.

It is important that you be present at the time of the inspection or have a representative present who is familiar with the project and who can supply all necessary information relative to your use of water.

Mr. Skeehan will be at Pinnacles on the 19 of May 1952 to make the inspection.

About 10 AM

Very truly yours,
A. D. EDMONSTON
State Engineer

State of California
Department of Public Works
Division of Water Resources
Sacramento, California




THIS SIDE OF CARD IS FOR ADDRESS

United States of America Pinnacles
National Monument
% Custodian - Pinnacles Nat. Mon.
Pinnacles, California

IMPORTANT NOTICE--READ CAREFULLY

11-08-1950: memorandum to regional director, region four from chief, water resources branch regarding progress report under wat

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

In reply refer to:
L54 PINA

Mantey BFM 11/13
Crowley ltr 11/13

November 8, 1950

Sent cc Supt. Pinnacles
BFM 11/13

To file BFM

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Branch

Subject: Progress Report under Water Right Application 9083, Permit 5047, Pinnacles National Monument

In reviewing the annual Progress Reports covering water right permits in the California areas, we have found an error in the report covering Application 9083, copies of which were sent to you with our memorandum of November 7.

On the reverse of the report, in the eighth line, the first word "results" should be changed to read "is lost."

Will you please make the correction on the copies of the reports before having them inserted in the deed assemblies. The originals and all other copies have been corrected here.

A. van V. Dunn
Chief, Water Resources Branch

In duplicate

NATIONAL PARK SERVICE
RECEIVED
NOV 13 1950
REGION FOUR OFFICE

11-26-1947: memorandum to custodian, pinn from acting regional chief of lands regarding progress report

McGillivray
Crowley
Mann

Pinnacles Nat. Mon.

601 Sheldon Bldg.

November 26, 1947.

MEMORANDUM for the Custodian, Pinnacles.

Attached for your files are copies of Progress Report covering appropriation of water in the Pinnacles National Monument under Permits Nos. 4957 and 5047. These should be placed in your assemblies for Deeds Nos. 4 and 5. There is also attached copy of Mr. Dunn's memorandum of transmittal dated November 21.

B. F. Manbey,
Acting Regional Chief of Lands.

FILE COPY

Enclosure 92

BFM/ew

10-15-1946: memorandum to custodian, pinn from acting regional director regarding water right application no. 9083, permit no. 50

McC
Cameron

5

601 Sheldon Building

October 15, 1946.

MEMORANDUM for the Custodian, Pinnacles.

Enclosed is a self-explanatory memorandum of October 3, and Progress Report, from Acting Chief Engineer Webber of the Director's Office, with reference to the Bear Gulch water system (Water Right Application No. 9083, Permit No. 5047, Pinnacles Deed 5).

It will be appreciated if you will supply, through this office, the figures and suggestions requested with regard to perfecting this right.

(SGD) C. E. PERSONS

C. E. Persons,
Acting Regional Director.

Enclosure 443.

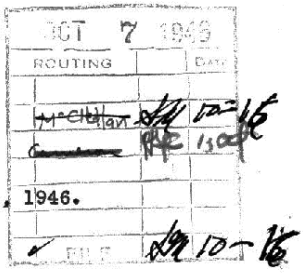
vjc

FILE COPY

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

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

54




October 3, 1946.

MEMORANDUM for the Regional Director, Region Four.

The enclosed Progress Report, in duplicate, relating to the Bear Gulch water system, Water Right Application No. 9083, Permit No. 5047, should be attached to the copies of Pinnacles Deed No. 5 in your office and at the Monument.

In line with our memorandum of September 11, with analysis of the present and proposed water system with diversion at Willow Spring, your plan to abandon the diversion of Moses Spring, the fact that Condor Gulch Spring is not practical for use except for stock watering at its point of emergence, and other factors, it seems possible that we might amend this water claim to cover only present use, prove full use, and obtain the final license. However, we are not sure whether the dam at Diversion No. 1 is up to full height to impound 81.6 acre-feet as it should be if we are to perfect the right; whether Diversion No. 4 is allowed to discharge into that reservoir with its Diversion No. 1; whether Diversion No. 6 is adequate or not; nor whether it is an adequate sanitary water system. Under the suggested amendment, the right would be perfected as follows, with reductions to meet present conditions:

1. Flood flow and the flow of Diversion No. 4, stored in the main reservoir at Diversion No. 1, for fire protection and supplemental sanitary use, to a total of — 81.6 acre-feet/yr.

2. Diversion and domestic consumption from Diversion No. 2 of 969 gallons per day, or — 0.0015 sec. ft.

3. Diversion for sanitary purposes at Diversion No. 6, of 25,852 gpd, or — 0.0400 sec. ft.

In addition to the possible reduction of storage at Diversion No. 1, there is a question as to whether the Headquarters Spring, Diversion No. 2, really has a flow of 1,000 gpd, or only 500 gpd. There is also a question in this Office as to whether we have both fire and sanitary lines, or use the fire line for sanitary purposes;



and whether the rediversion dam and Diversion No. 6 are both used, or whether Diversion No. 6 was abandoned.

If water is to be piped from Willow Spring, on Chalone Creek, the need for independent water lines for potable and sanitary water will disappear. There will be very little need for the use of any water from these Bear Gulch diversions for domestic supply. There will also be little need for the fire protection storage at the reservoir except for a major fire. We wonder, therefore, if any diversions under this right will continue for very long.

Assuming, then, that the potable supply of 969 gallons was used for drinking and washbowls at 5 gpc, it would serve 194 people per day. The same people could be broken down on the basis of the travel figures for April as about 17.5% who stayed overnight, and 82.5% who stayed 1 day. On the peak day of 194 visitors, the possible total water consumption would be:

| | |
|---|---|
| 17.5% of 194 = 34 people @ 35 gpc = | 1190 gpd |
| 82.5% of 194 = 160 people @ 15 gpc = | 2400 gpd |
| Custodian and family of 2 = 3 @ 50 gpd = | 150 gpd |
| Ranger and wife = 2 @ 50 gpc = | 100 gpd |
| 2 concessioners @ 50 gpc = | 100 gpd |
| Total water demand | 3940 gpd |
| Less potable supply | 969 gpd |
| Sanitary water use from Diversion 6 or from point of rediversion above | 2971 gpd |

say 0.005 sec. ft.

This proof, or one like it with more data on actual flow at Diversion No. 2 and on peak day visitors, overnight guests, and employees, would be based on limiting capacity of the potable water supply. Please send us these figures and your suggestions about perfecting the right.

Hans D. Kreber
Acting Chief Engineer.

Enclosure 438.
In duplicate.

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

10-20-1944: memorandum to regional director, region four from nps regarding progress reports; application nos. 8969 and 9083

CC - Pin 10/31

OCT 24 1944

ROUTING

Date




10/31

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

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

October 20, 1944.

FILE

MEMORANDUM for the Regional Director, Region Four.

Enclosed are two copies each of progress reports covering Water Right Applications Nos. 8969 and 9083, both in Pinnacles National Monument, together with copies of our letter of today forwarding the originals to the State Engineer. These copies of progress reports should be inserted in the Region Four and the Monument assemblies of Pinnacles Deeds 4 and 5, as indicated in the upper right hand corner of each form.

A. Vaux Dean
Chief, Water Rights Division.

Enclosure 411.
In duplicate.

09-16-1942: letter to nps, water rights section from state of california regarding multiple applications no.

C O P Y

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Division of Water Resources
401 Public Works Building

September 16, 1942

Application 6729 - U. S. Yosemite National Park
Applications 8969, 9083 - U. S. Pinnacles National Monument
Applications 9509, 9510 - U. S. Death Valley National Monument
Application 9712 - U. S. Lassen Volcanic National Park
Applications 10001, 10002, 10118, 10119, 10276 - U. S. Death Valley National Monument

Mr. A. van V. Dunn
Hydraulic Engineer
U. S. Department of the Interior
National Park Service
Water Rights Section
601 Sheldon Building
San Francisco, California

Dear Mr. Dunn:

In view of the statements made in your letter of September 11 action in connection with the above numbered approved applications will be temporarily suspended. However progress will be requested each year as usual.

Apparently there has been no filing in connection with the "Progress Gulch Water System for Sequoia National Park" as a search of our files fails to reveal that any applications have been filed for an appropriation from Progress Gulch or in the name of Sequoia National Park.

Yours very truly,

EDWARD HYATT, STATE ENGINEER

By /s/ Harold Conkling
Deputy State Engineer

cc: Frank A. Kittredge, Superintendent, Yosemite National Park, Calif.
U. S. Pinnacles Nat'l Monument, c/o W. I. Hawkins, Custodian, Pinnacles
U. S. Death Valley Nat'l Monument, c/o T. R. Goodwin, Supt., Death Valley
U. S. Lassen Volcanic National Park, Mineral, Calif.

09-11-1942: letter to state engineer from nps, water rights section regarding multiple applications no.

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WATER RIGHTS SECTION
601 Sheldon Building
San Francisco, Calif.

September 11, 1942.

State Engineer,

Sacramento, California.

Dear Sir:

We have the following incomplete water rights in California, all in the name of the United States:

Application 6729, Permit 3549,
Mariposa Water System at Yosemite National Park, with further proof due Dec. 1, 1942.
(An extension of time has been requested).

Application 9083, Permit 5047,
Bear Gulch Headquarters Water System at Pinnacles National Monument, with further proof due Dec. 1, 1942.

Application 9509, Permit 5380,
Cow Creek Hydroelectric System at Death Valley National Monument, with further proof due Dec. 1, 1942.

Application 9510, Permit 5381,
Cow Creek Headquarters Water System at Death Valley National Monument, with further proof due Dec. 1, 1942.

Application 9712, Permit 5449,
Spring Supply for supplemental use at Headquarters of Lassen Volcanic National Park, with further proof due Dec. 1, 1942.

Application 10,001, Permit 5738,
Furnace Creek domestic and recreational water system for Death Valley National Monument, with further proof due Dec. 1, 1943.

Application 10,002, Permit 5739,
Furnace Creek irrigation system for Death Valley National Monument, with further proof due Dec. 1, 1943.

Application 10,118, Permit 5754,
Furnace Creek irrigation system for Death Valley National Monument, with further proof due Dec. 1, 1943.

Application 8969, Permit 4957,
Chalone Creek water system for Pinnacles National Monument, with further proof due Dec. 1, 1944.

Application 10,119, Permit 5734,
Texas Springs Water System for Death Valley National Monument, with further proof due Dec. 1, 1945.

Application 10,276, Permit 5891,
Wildrose Spring Water System for Death Valley National Monument, with further proof due Dec. 1, 1945.

Application ____, Permit _____,
Progress Gulch Water System for Sequoia National Park, with application number and permit pending.

We wonder if it is possible to obtain a blanket extension of time for all these claims until two years after the close of the war. For over a year now, almost all Park Service construction funds have been impounded as a war measure. Where funds have been available we have found our priority too low to obtain necessary materials. CCC activity was all terminated on July 1 of this year and from about the time of the first draft the personnel in these camps has been so far below normal that little more than emergency maintenance has been possible with them.

Full beneficial use is also impossible. The abandonment of each CCC camp is a decrease of about 10,000 gpd in water demand. Much of the regular Park Service staff has joined the armed forces and moved their families out of the Park Service areas and all temporary crews are far below normal strength. Public attendance has also decreased to only about 50% of that for last year. Some consideration is being given to re-opening part of the CCC camps for use as Civilian Public Service camps, but the effect on water use is still uncertain.

We have tentative plans for unusually heavy construction projects at the close of the war to help stabilize the economic situation. Thus it is anticipated that the construction program and water use will soon reach their normal position on the trend of development, but due to possible delays in releasing or appropriating the first funds, the time that may be required to restore manufacturing facilities and reassemble labor crews, we feel that two years should be provided in which to report completion of projects.

Yours very truly,

(SGD.) A. VAN V. DUNN

A. van V. Dunn,
Hydraulic Engineer.

cc: Director.
Region Four.
Supt., Yosemite Nat. Park.
Supt., Sequoia Nat. Park.
Supt., Lassen Nat. Park.
Supt., Death Valley Nat. Mon.
Custodian, Pinnacles Nat. Mon.

C O P Y

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Frank W. Clark
Director

Division of Water Resources
401 Public Works Building

October 9, 1941

Application 8969 - Permit 4957
Application 9083 - Permit 5047

Mr. W. I. Hawkins, Custodian
U. S. Pinnacles National Monument
Pinnacles, California

Dear Sir:

Your request for an extension of time within which to complete construction work and use of water under Application 8969, Permit 4957 will be given our consideration as soon as the progress reports in connection with the above numbered applications and permits have been received.

As to the proposed change in place of use: It is suggested that the petition for change be submitted when your plans are more mature. No petition need be filed in connection with Application 9083, Permit 5047 as the reduction in the place of use can be taken care of at the time of issuance of license.

Very truly yours,

EDWARD HYATT, STATE ENGINEER

BY /s/ Harold Conkling
Deputy State Engineer

cc Mr. A. van V. Dunn
National Park Service
601 Sheldon Building
San Francisco, California

COPY

3rd copy

Edward Hyatt, State Engineer
Chief of Division

Culbert L. Olson
Governor of California

Frank W. Clark
Director

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
Sacramento

Division of Water Resources
401 Public Works Building

December 7, 1939

Application 9083 - Permit 5047

U. S. Pinnacles National Monument
Pinnacles, California
Attention Mr. W. I. Hawkins

Gentlemen:

Enclosed is an order granting change in point of diversion under the above numbered filing which order should be attached to your copy of the approved application. The records of this office have been amended in accordance therewith.

You will observe in the order that the point of rediversion of stored water from Point No. 1 has also been named as a point of diversion alternate to Diversion No. 6. In case Diversion No. 6 is abandoned the rediversion point may be used without securing another order to change the point of diversion of Point No. 6. It should be understood, however, that if Diversion No. 6 is abandoned the overflow from Diversions 2 and 5 would not be available at the alternate point of diversion.

Very truly yours,

(SGD) HAROLD CONKLING
Deputy in Charge of Water Rights

Enc.

(copy)

00-00-0000: letter to california department of public works from pinn regarding revise of plans for developing the bear gulch water s

C O P Y

PINNACLES NATIONAL MONUMENT
PINNACLES, CALIFORNIA

Division of Water Resources,
California Department of Public Works,
401 Public Works Building,
Sacramento, California.

Re: Application No. 9083,
Permit No. 5047.

Gentlemen:

During the past year we have found it necessary to revise some of our plans for developing the Bear Gulch Water System at the Pinnacles National Monument. These changes are primarily for the purpose of permitting better regulation of the daily use of the very limited stream and spring flows.

In addition to the "Progress Reports" herewith submitted, we are also submitting an amendment rider for application No. 9083 (permit No. 5047) and a map covering the changes, both in duplicate. Note that there are no changes in points of diversion, but that there is a rediversion after using the natural stream in place of part of the originally planned 4" fire line. We trust this type of changes may be properly presented by way of amendment to the original application.

It does occur to us now that Diversion No. 6 might be abandoned, or it might advantageously be connected to the 4" line, eliminating the remainder of the existing 1½" fire line. If that point of diversion should be abandoned, we wouldwish to divert the water originally designated for that point (0.04 sec. ft.) at the point of rediversion. Please advise if an application for change in point of diversion would be necessary under the circumstances, and whether you have standard forms for such an application.

Yours very truly,

W. I. Hawkins,
Acting Custodian.

Encls.

10-26-1937: letter to pinn from state of california regarding affidavit of advertisement of notice to appropriate water; application no.

C O P Y

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Earl Lee Kelly
Director

Division of Water Resources
401 Public Works Building

October 26, 1937

Application 9083

U. S. Pinnacles National Monument
c/o W. I. Hawkins, Acting Custodian
Pinnacles, California

Gentlemen:

Acknowledgment is made of receipt of affidavit of advertisement of notice to appropriate water under the above numbered application and also the amended copy of the application.

Further action upon the application will await the expiration of the period allowed for receipt of protests.

Very truly yours,

/s/ Harold Conkling
Deputy in Charge of Water Rights

09-29-1937: letter to pinn from state of california regarding application no. 9083

COPY

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Edward Hyatt, State Engineer
Chief of Division

Division of Water Resources
401 Public Works Building

September 29th, 1937.

Application 9083

U. S. Pinnacles National Monument
c/o W. I. Hawkins, Acting Custodian
Pinnacles, California

Gentlemen:

The application of yourselves

to appropriate the waters of Bear Gulch Creek and four springs

has been found to be in form for advertisement, and there are enclosed herewith three copies of a notice which is being sent to local postmasters and to interested parties whose names are known to the Division of Water Resources.

You are directed to post this notice on or before October 14th, 1937 in at least two conspicuous places in the locality to be affected by the proposed appropriation. In case of inability to post the notice within the time allowed kindly advise this office immediately and new notices of a later date can be forwarded. On or before November 8th, 1937 you should file with this office proof of such posting. IT IS REQUIRED THAT PROOF OF POSTING SHALL CONSIST OF AN AFFIDAVIT EXECUTED ON THE ENCLOSED FORM ATTACHED TO A COPY OF THE NOTICE OF APPLICATION TO APPROPRIATE.

This notice is designed for the mutual protection of applicant and prior claimants. Although vested rights to the use of water from the source from which the appropriation is sought can not be lost, prejudiced or impaired by failure to protest against the application, prior claimants are given this notice so that they may protest if it is felt the proposed appropriation will result in injury to them.

If protests are filed you will be furnished with copies thereof and you are required to file with this office and with the protestant a brief but complete answer to each protest. There is no prescribed legal form which such answer must take but anything which you may do toward placing this office in possession of all the facts relative to the objections raised to your application will expedite action thereon.

Very truly yours

/s/ Harold Conkling
Deputy in Charge of Water Rights

Reg.
Enc.

09-15-1937: letter to region four from state of california regarding reference to the dam to be constructed at pinn

C O P Y

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Earl Lee Kelly
Director

September 15, 1937

Division of Water Resources
401 Public Works Building

Mr. F. A. Kittredge, Regional Director
U. S. Department of the Interior
Region Four
601 Sheldon Building
San Francisco, California

Dear Sir:

We are in receipt of your letter of September 10, 1937 with reference to the dam to be constructed at Pinnacles National Monument.

Since, as noted in your letter, the dam is to be owned by the United States, is on land belonging to the United States and will be constructed under the supervision of the Federal engineers, the same does not come under the jurisdiction of the State Engineer.

We wish to thank you for this information.

Very truly yours,

/s/ S. A. Hart
Acting Deputy in Charge of Dams.

09-10-1937: letter to california department of public works from region four regarding advice from associate attorney johnson

C O P Y

REGION FOUR
601 Sheldon Building
San Francisco, Calif.

September 10, 1937.

Division of Water Resources,
California Department of Public Works,
401 Public Works Bldg.,
Sacramento, California.

Attention: S. A. Hart,
Acting Deputy in Charge of Dams.

Gentlemen:

In reply to a letter of August 30, 1937, addressed by you to the Acting Custodian of Pinnacles National Monument, we are in receipt of advice from Associate Attorney Johnson that the construction contemplated at Pinnacles National Monument is within the exemption contemplated by the Legislative Act of 1929, shown on page 4 of your pamphlet on Supervision of Dams in California.

The proposed dam is to be more than 25 feet in height, and the proposed additions will impound more than 50 acre feet of water, but said dam is owned by the United States and is on the land of the United States, and will be constructed under the supervision of Federal engineers.

Under such advice we do not deem it necessary to file any application with the State in accordance with the forms enclosed by Mr. Hart.

Yours very truly,

F. A. Kittredge,
Regional Director.

CC: Mr. J. E. Taylor.
Mr. W. I. Hawkins.

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
PINNACLES NATIONAL MONUMENT
HOLLISTER, CALIFORNIA

September 8, 1937.

Mr. Harold Conkling, Deputy in Charge of Water Rights,
California State Division of Water Resources,
401 Public Works Building,
Sacramento,
California.

Dear Sir:

Referring to your letter of August 25, concerning the diversion of water from Bear Gulch and Condor Gulch Creeks. We have been advised by the engineer in our San Francisco office that the amounts to be diverted in application #9083 are as follows:

| | | |
|---|---|---|
| Diversion point #1 | 80 acre feet per annum, to be drawn off intermittently at a maximum rate of 0.56 second feet. | |
| Diversion point #2 | 0.0015 | second feet. |
| " " #3 | 0.0007 | " " |
| " " #4 | 0.0015 | " " |
| " " #5 | 0.0003 | " " |
| " " #6 | 0.0400 | " " |
| | 0.0440 | second feet. |

Very truly yours,

W. I. Hawkins,
Custodian.

cc Mr. Taylor
Region IV

C O P Y

Earl Lee Kelly
Director

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Division of Water Resources
401 Public Works Building

August 25, 1937

Application 9083

U. S. Pinnacles Nat'l Monument
% W. I. Hawkins, Acting Custodian
Pinnacles, California

Gentlemen:

The above numbered application to appropriate from Bear Gulch Creek, Headquarters Spring, Condor Gulch Spring, Bear Gulch Spring and Moses Spring has been examined and appears to be in good form with the exception that a specific amount should be named for direct diversion from points 1 and 6 on Bear Gulch Creek. Any amount up to 0.044 cubic foot per second could be named from each point with the provision that the total simultaneous diversions for direct flow from all points shall not exceed 0.044 cubic foot per second. If you will kindly advise the amounts to be diverted from points 1 and 6, the application will be amended accordingly.

Very truly yours,

/s/ Harold Conkling
Deputy in Charge of Water Rights

00-00-0000: letter to california department of public works from pinn regarding the division of water among the diversion points 1-6

C O P Y

Pinnacles National Monument
Pinnacles, California

Mr. Harold Conkling,
Deputy in Charge of Water Rights,
Division of Water Resources,
California Department of Public Works,
Public Works Building,
Sacramento, California.

Dear Mr. Conkling:

Since writing my letter of September 8 regarding the division of water among the diversion points 1-6 on Bear Gulch at Pinnacles National Monument, it has occurred to us that some misunderstanding may still result from certain missing bits of information.

It is our intention to appropriate .044 second feet of water from diversion points 2-6, as designated in our application and my letter of September 8. However, these are practically the maximum amounts at present available from these diversions, and we are not sure whether in the future we will be able to increase them by improvements at the spring areas or not. Certainly there will be deficits in any case during dry years.

We have taken care of the past deficits on these systems by the construction of the dam at diversion point No. 1, and with growing park attendance have increased the size of this dam to provide additional storage as needed. This storage is obtained partially from the waters of a spring, and partially from the winter flow of Bear Gulch, which is made up to a large extent of precipitation with a relatively rapid runoff. The surface flow of this stream completely disappears during portions of the summer and late fall.

The use of the dam with its ultimate storage of 80 acre feet thus becomes a regulation of the stream by making the winter flow available in summer when the park attendance is greatest. It is used in conjunction with the springs with diversion points 2-6, but through independent water systems as shown on our map to take care of the sanitation and fire protection. It is not at the present time used for drinking purposes.

For this reason it is extremely important that we retain as much right to the more potable supplies of water under diversions 2-6 as possible, and at the same time retain the right to the full 80 acre feet of additional water obtained by storage for fire protection and sanitation. We might call attention to the fact that the return of the 80 acre feet is relatively rapid after use, and primarily reduces floods on Bear Gulch during the winter, and provides a more adequate flow in the summer.

Very truly yours,

/s/ W. I. H.

W. I. Hawkins,
Custodian.

AvVD:SH

C
O
P
Y

State of California
DEPARTMENT OF PUBLIC WORKS

Sacramento

Division of Water Resources
401 Public Works Building

August 30, 1937.

U. S. Pinnacles National Monument,
% W. I. Hawkins, Acting Custodian,
Pinnacles, California.

Gentlemen:

It has been brought to the attention of this office that you are contemplating the construction of a dam on Bear Gulch Creek within NW¼ of NW¼ of Section 11, T. 17 S,R7E, MDB.

Section 5 of Chapter 766, Statutes of 1929 as amended, requires that construction of a dam 25 feet or more in height from streambed to spillway crest, or having a storage capacity of 50 acre feet or more, shall not be commenced without having first obtained approval of the plans and specifications from this department.

If the dam which you contemplate constructing will be within State jurisdiction as covered in the above section of the Act filing must be made. Enclosed is a copy of the Rules and Regulations governing the supervision of dams in California together with three copies of Form #5 to be used in filing such application.

If there are any points about which you are not clear, do not hesitate to communicate with this office further on the matter.

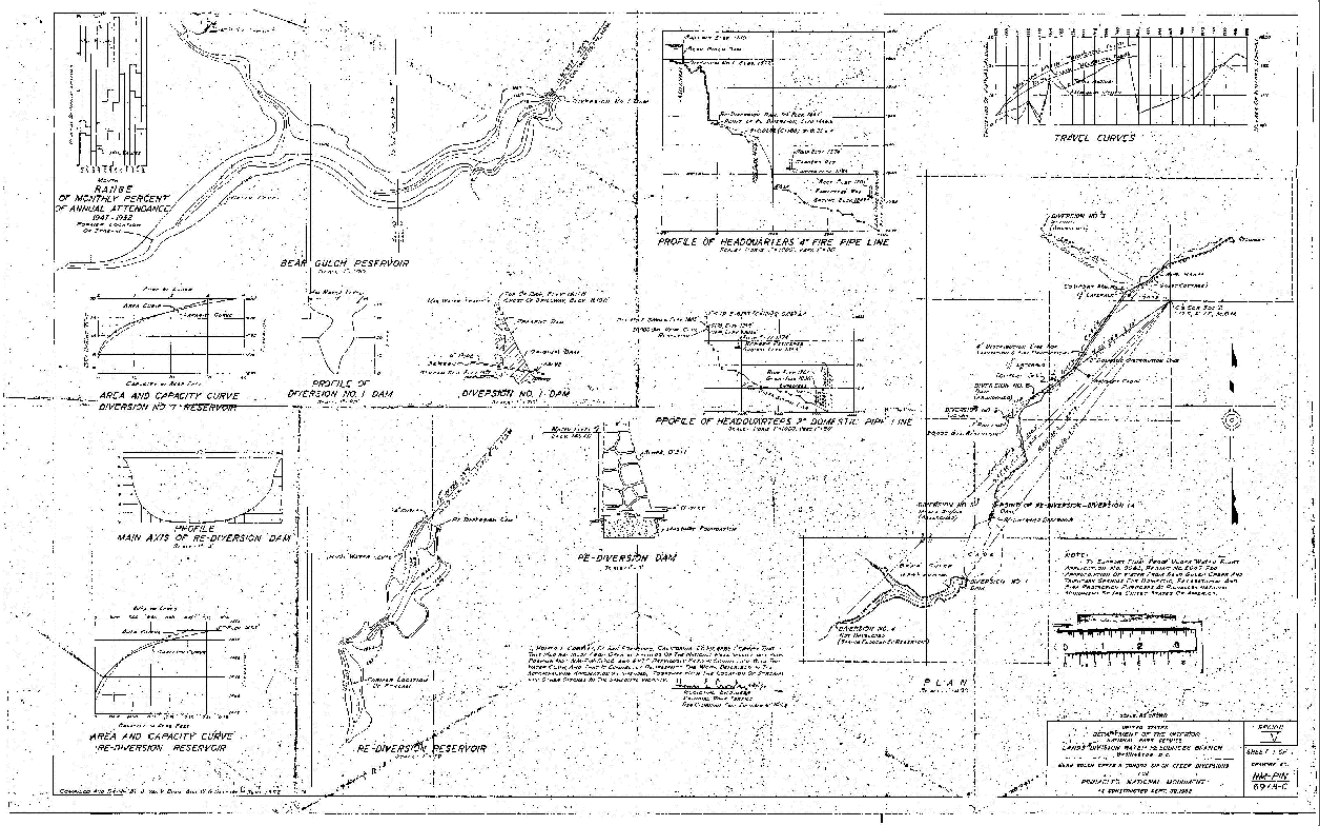
Please note that all communications relative to dams should be addressed to the Deputy in Charge of Dams, while all questions concerning your application to appropriate water sh should be directed to Deputy in Charge of Water Rights.

Very truly yours,

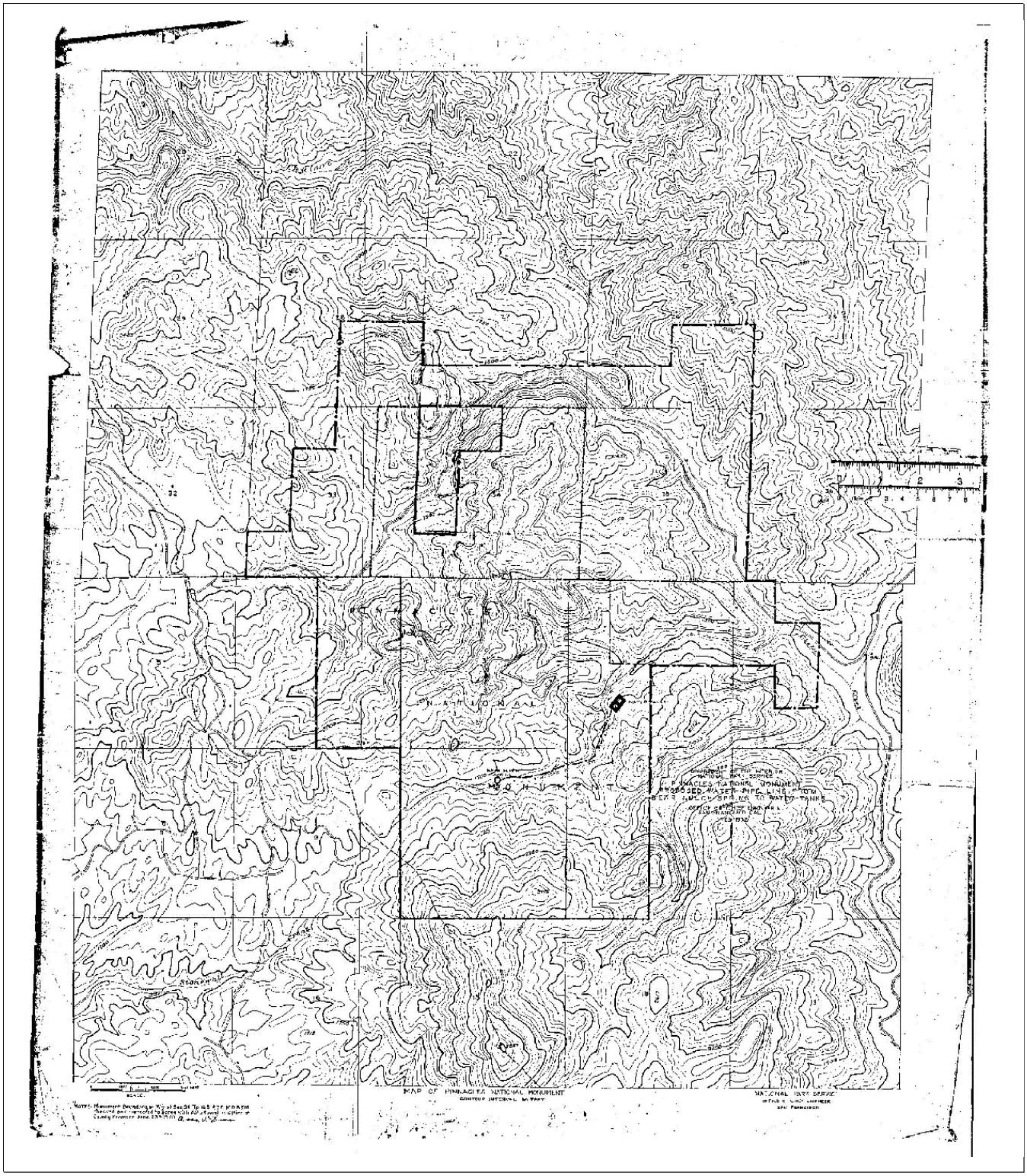
Signed
S. A. Hart,
Acting Deputy in Charge of Dams

Encl.
cc-Water Rights

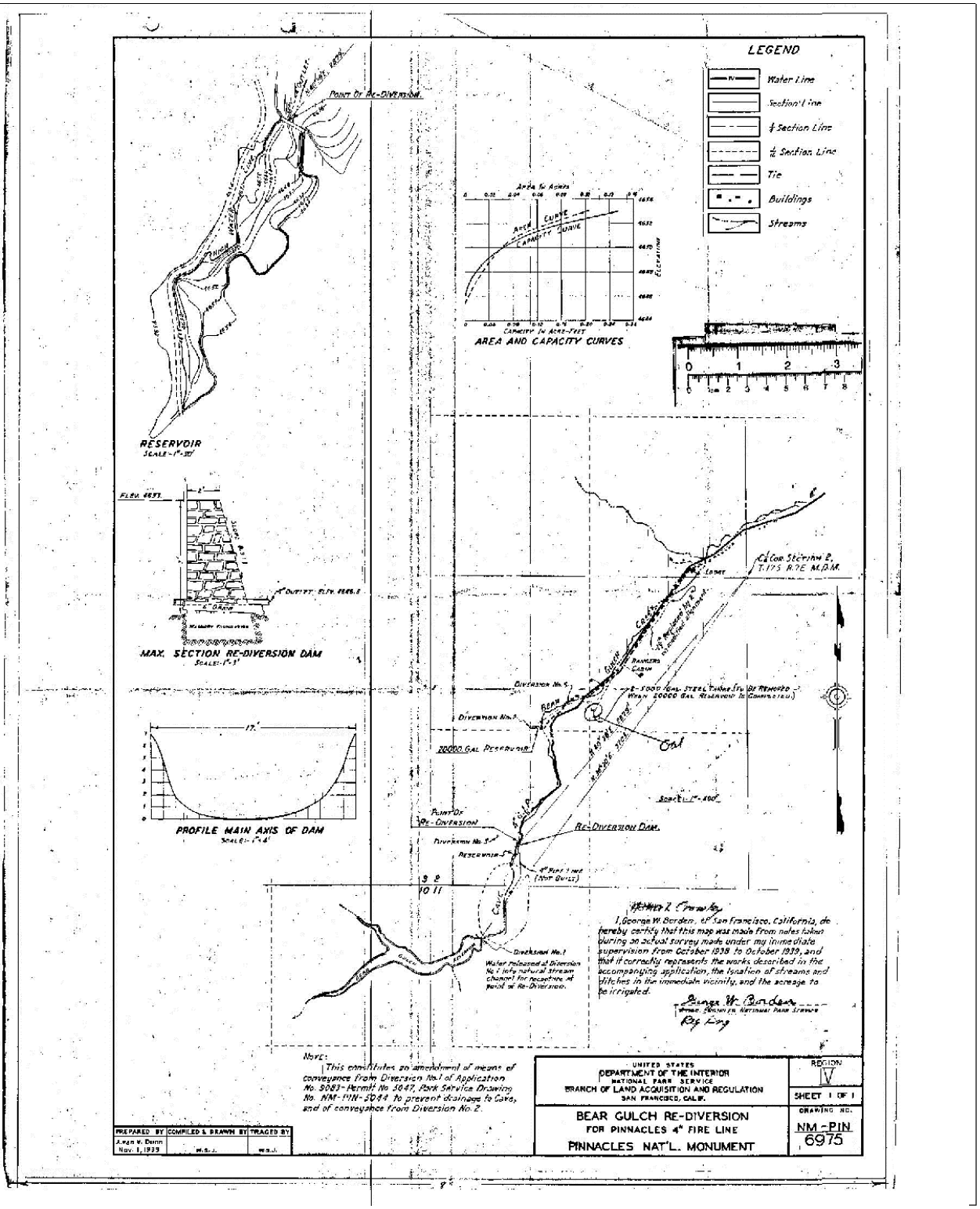
09-30-1952: map and plans for the bear gulch creek and condor gulch creek diversions



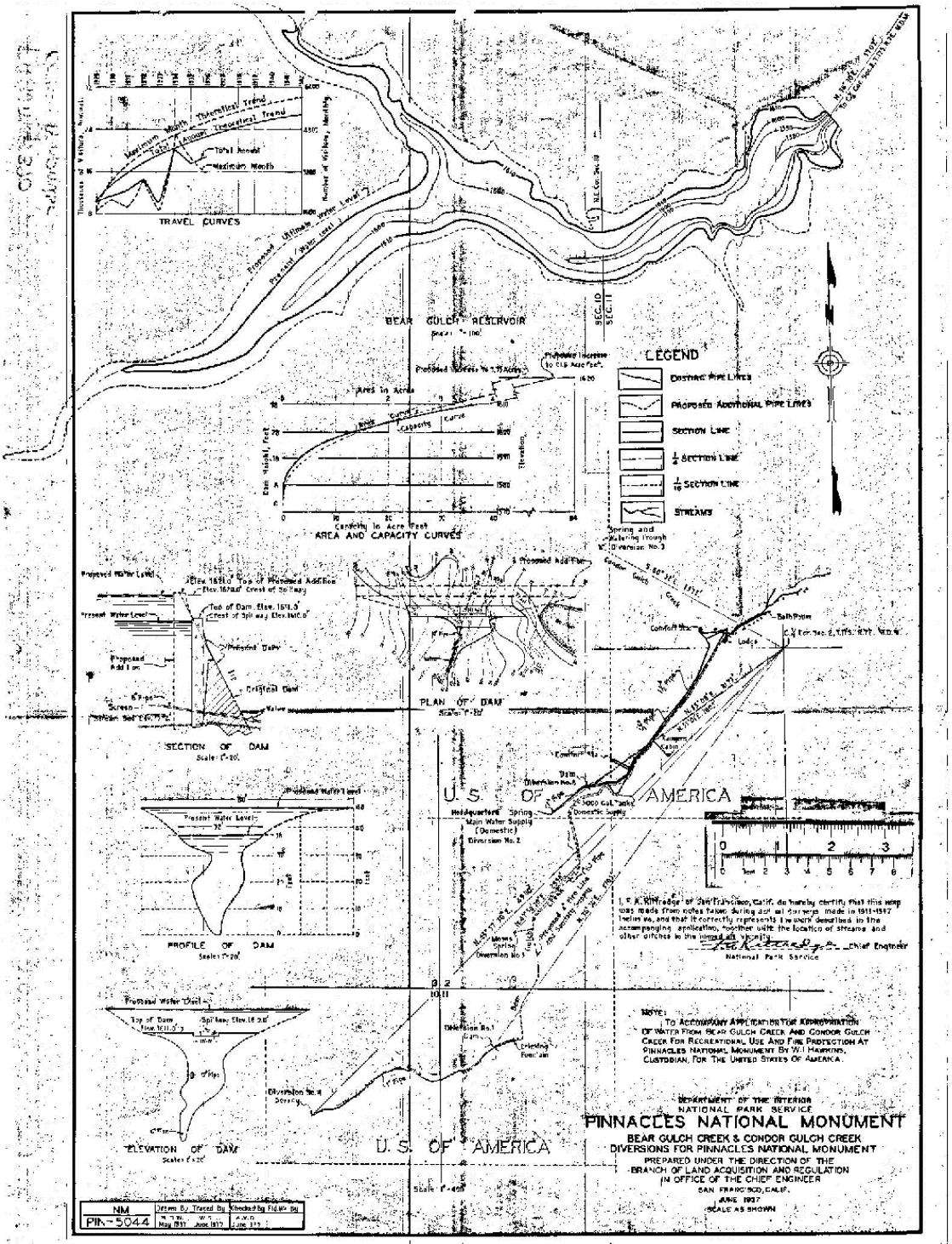
02-00-1932: topographic map of the proposed water pipeline from bear gulch spring to water tank



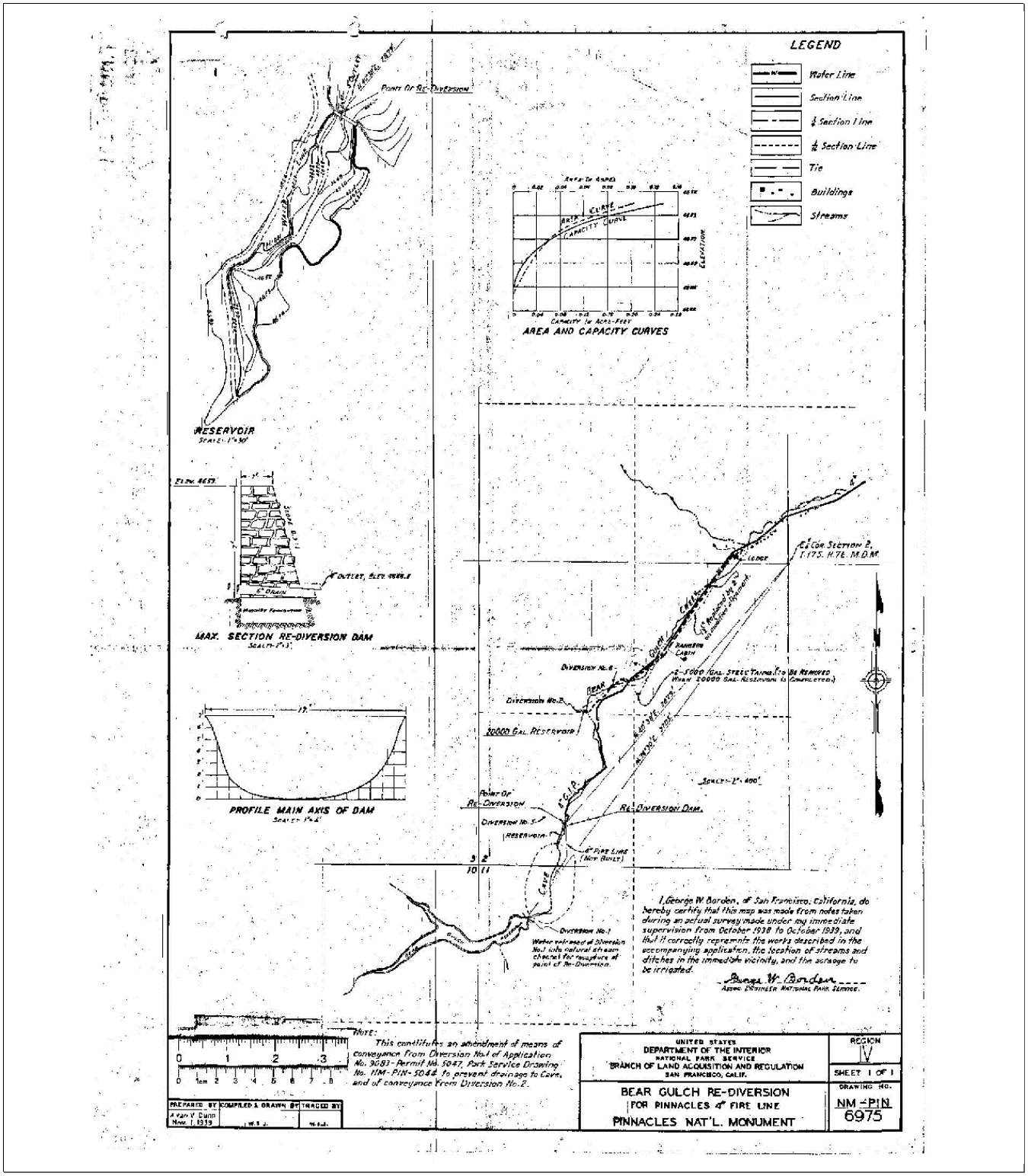
11-03-1939: map and plans for the bear gulch re-diversion for pinn four inch fire line



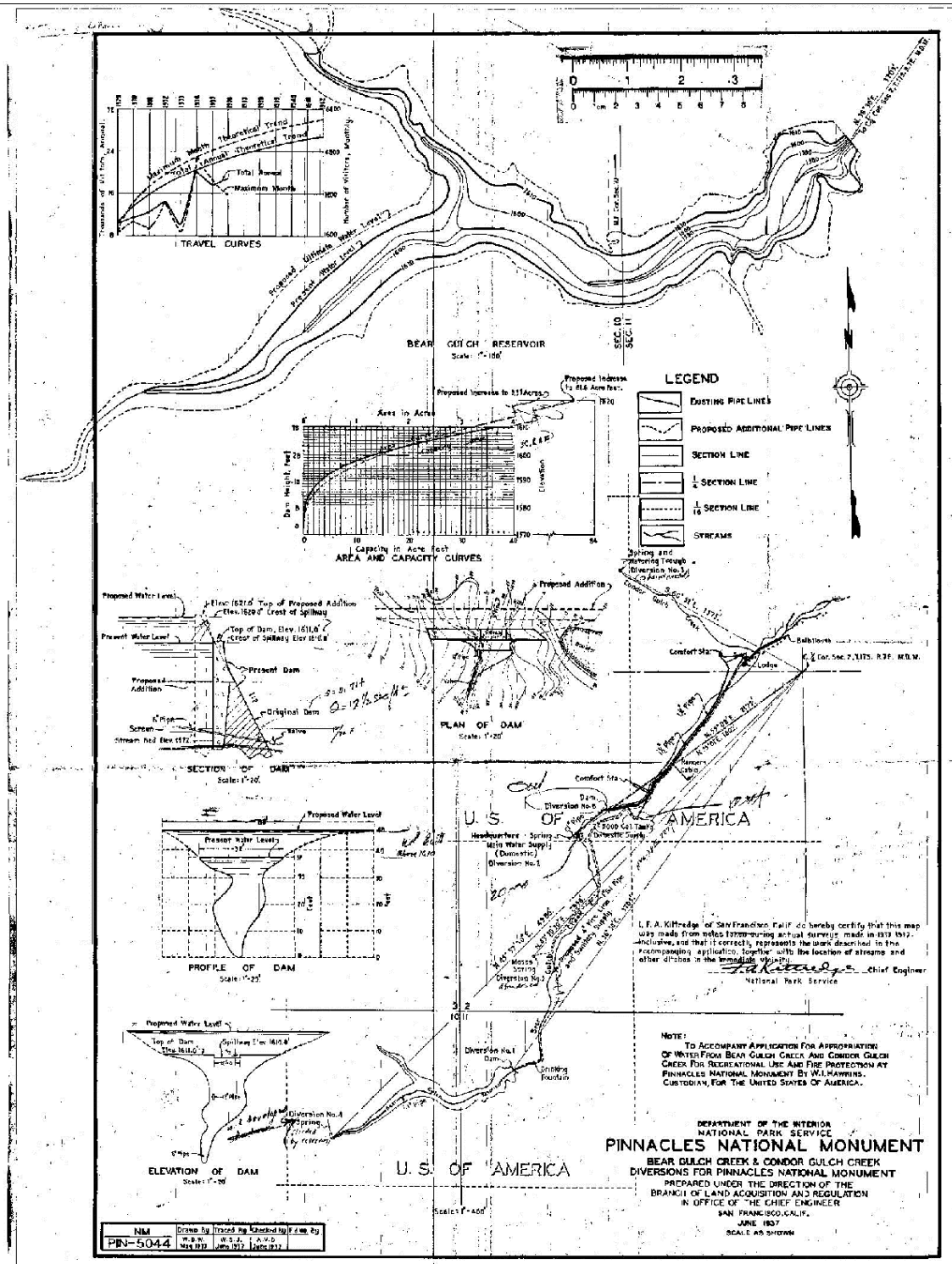
06-00-1937: mapof the diversions for bear gulch creek and condor gulch creek



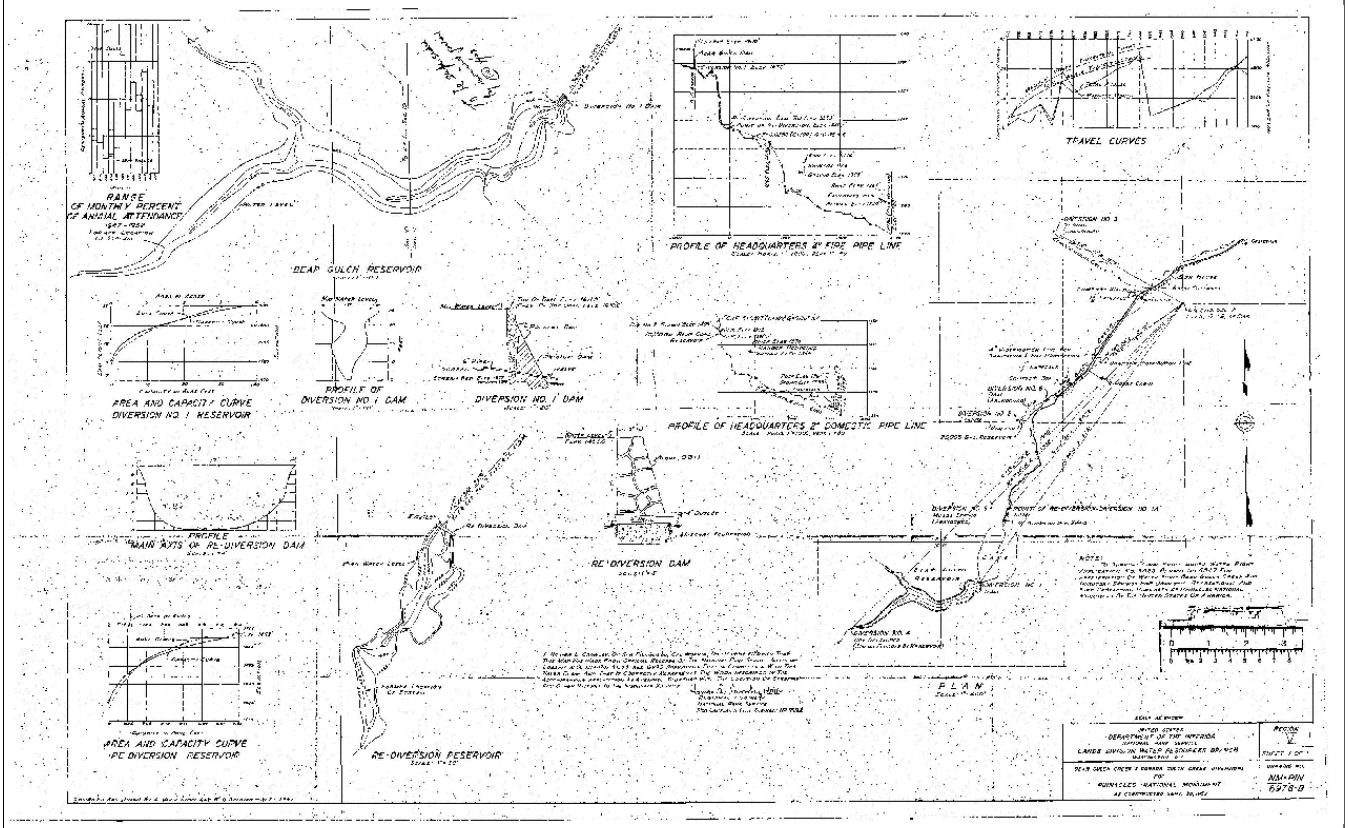
06-00-1937: map and plans for the bear gulch re-diversion for pinn four inch fire line



06-00-1937: map of the diversions for bear gulch creek and condor gulch creek



09-30-1952: map of the diversions for bear gulch creek and condor gulch creek




Docket Information

Number of Documents in Docket 234

Documents Dated from 2/15/1932 to 6/14/2012

Docket Compiled: 7/16/2012