WATER-RIGHT DOCKET

Death Valley National Park

Docket No: 6

TEXAS SPRINGS DIVERSION. LICENSE 7854.

Preliminary Docket Information

05-03-1996: notes to the file deva 03, 04, 05, 06, and 43 ; may 03, 1996

NOTES TO THE FILE DEVA 03, 04, 05, 06, and 43 May 3, 1996

Dockets 03, 04, and 05 contain documentation on California State water right permits in the Furnace Creek area which were revoked.

Docket 06 contains documentation of a licensed water right from Texas Spring.

Docket 43 contains documentation of a water rights agreement between Fred Harvey and the National Park Service concerning water rights in the Furnace Creek area. Congress directed the National Park Service to work out an agreement with U.S. Borax (Fred Harvey's predecessor) concerning the water rights in the Furnace Creek area. The NPS's water rights in the Furnace Creek area are thought to be primarily Federal reserved water rights.

A folder, filed with the dockets, but not a docket, contains papers common to dockets 3, 4, 5, 6, and 43, including water use and need studies, maps, and documentation of Congress's inquiries into issues in the Furnace Creek area. Alien water right docket 42 contains documentation of Fred Harvey's water rights. The information in this folder and in the alien water right docket (in addition to that in particularly dockets 06 and 43) should be helpful if there is an adjudication of the water rights or a water rights conflict involving the NPS's water rights in the Furnace Creek area.

Alice Johns

Alice Johns
Hydrologist
Water Rights Branch
Water Resources Division
National Park Service

WATER RESOURCES/WATER RIGHTS DATE: August 20, 1978

WATER RIGHT/SOURCE DOCKET INFORMATION

REGION Western AREA Death Valley National Monument

SITE Texas Springs Diversion - Pacific Coast Borax Tunnel

STATE California COUNTY Inyo DOCKET NO WR #6

LOCATION SW¼ of SW¼, SE¼ of SW¼, and SW¼ of SE¼, Sec. 14, T27N, R1E, SBM

REGIONAL BASIN LOCAL BASIN

ACQUIRED BY Appropriation

APPLICATION 10119 PERMIT 5755 CERTIFICATE 7854

ACTION DUE PRIORITY February 17, 1941 RESERVATION

QUANTITY 0.078 cfs USE Domestic and Fire Protection

STATUS Active SOURCE Surface Water

REMARKS Hydrologic Unit #18090203

NARRATIVE:

Prior to the establishment of Death Valley N.M. in 1933, the Pacific Coast Borax Co. constructed and maintained a water system serving a tourist camp at what is now Texas Springs Campground. Under the CCC program in the 1930's, after the area was made part of the Monument, the camp was improved, supply and distribution lines were laid, and a 20,000 gallon underground concrete reservoir was constructed. The springs supplied about 25 gpm to the new campground, ranger residence, and nearby Indian village.

In 1940 an attempt was made by Pacific Coast Borax to improve an existing tunnel at their Texas Springs mine site. As a result of this operation the flow of the springs to the campground area was reduced to a miniscule amount. Pacific Coast Borax agreed to supply the Monument with 35 gpm from the Company's settling vault near the tunnel, free of charge. A pipeline extension was laid to connect the system with the old lines. In 1941 the Monument filed Application 10119 to appropriate 0.078 cfs (35 gpm) from Texas Springs at the tunnel and three other points. Eventually only the tunnel diversion remained active, the other three points being abandoned.

In 1955 the distribution lines within the campground were replaced, with the exception of the main line leading into the area. The place of use in the application was changed in 1965 to include the campground, the Visitors Center, the museum, the Headquarters Office, and the Indian village. The State of California issued License 7854 for the ammended application in 1966.

The diverting tunnel is currently owned by the Death Valley Hotel Company, Ltd. The tunnel intercepts the main flow of Texas Springs, with the Monument supply line connecting at a settling box 280 feet from the tunnel portal. The main line runs from the storage reservoir (1600 feet east of the campground) through the campground to the Indian village, having a maximun capacity of about 80 gpm. The amount of water actually used is unknown.

In October of 1979 a new water distribution system for NPS and Fred Harvey was completed in accordance with the NPS-FH agreement of 1969. Water from Texas Spring is now piped to the new 100,000gal. storage tank where it is blended with water from other sources. Unused water for the entire system is discharged into Furnace Creek Wash.

A concrete trough and Parshall Flume are now permanently situated a few hundred feet outside the mine or tunnel entrance.

Bill Werrell/Hershey Jan. 1981

Compiled by T. Kern

Approved by W. Werrell Date

State Water Rights Documentation

[FINAL SUBMITTED VERSION]

REPORT OF LICENSEE FOR 2011

Primary Owner: U S NATIONAL PARK SERVICE
Application Number: A010119
License Number: 007854
Date Submitted: 2012-07-03

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	No
Description of noncompliance with terms and conditions	Please see remarks.

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

4. Purpose of Use	
Recreational	Visitation
Fish and Wildlife Protection and/or Enhancement	Please see remarks.

5. Amount of Water Diverted and Used

Month	Amount directly diverted or collected to storage (Gallons)	Amount used (Gallons)
January	0.0	0.0
February	0.0	0.0
March	0.0	0.0
April	0.0	0.0
May	0.0	0.0
June	0.0	0.0
July	0.0	0.0
August	0.0	0.0
September	0.0	0.0
October	0.0	0.0
November	0.0	0.0

December	0.0	0.0
Total	0	0

6. Maximum Rate of Diversion for each Month	
Month	**Maximum Rate of Diversion (CFS)**
January	0.0
February	0.0
March	0.0
April	0.0
May	0.0
June	0.0
July	0.0
August	0.0
September	0.0
October	0.0
November	0.0
December	0.0

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**

Conservation of Water	
8. Are you now employing water conservation efforts?	No
Description of water conservation efforts	
9. Amount of water conserved	

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?	No
13. Amounts of groundwater used	

Additional Remarks
This right is no longer used in support of livestock, but is presently used by wildlife. The NPS considers state appropriative licenses to be federal property, and this change of type of use does not indicate an intent to abandon this license. NPS intends to determine whether a formal change in use is appropriate in the future. The exact amount of use is not known.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	Other
I read the above and agree	Yes

CALIFORNIA Water Boards

DEVA

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: A010119 **License No.** 007854

First three Sources listed:	Counties:
UNXX	Inyo

Direct Diversion Rate: 0.078 Cubic Feet per Second **Collection to Storage Amount:** 0.000 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): **A010119**
Password (Reporting Identifier): **092080**

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: A010119
License Number: 007854

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	No
Description of noncompliance with terms and conditions	Please see remarks.
Intake location has been changed	
Description of intake location changes	
Type of use has changed	Yes
Description of type of use changes	Please see remarks.
Place of use has changed	
Description of place of use changes	

Purpose of Use	
Fish and Wildlife Protection and/or Enhancement	Please see remarks

Month	Amount directly diverted or collected to storage (Gallons)	Amount used (Gallons)
January	0.0	0.0
February	0.0	0.0
March	0.0	0.0
April	0.0	0.0
May	0.0	0.0
June	0.0	0.0
July	0.0	0.0
August	0.0	0.0
September	0.0	0.0
October	0.0	0.0
November	0.0	0.0
December	0.0	0.0
Total	0	0

Month	Maximum Rate of Diversion (CFS)
January	0.0
February	0.0
March	0.0
April	0.0
May	0.0
June	0.0

July	0.0
August	0.0
September	0.0
October	0.0
November	0.0
December	0.0

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

Conservation of Water	
Are you now employing water conservation efforts?	
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?	
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?	
Amounts of groundwater used	

Additional Remarks
This right is no longer used in support of livestock, but is presently used by wildlife. The NPS considers state appropriative licenses to be federal property, and this change of type of use does not indicate an intent to abandon this license. NPS intends to determine whether a formal change in use is appropriate in the future. The exact amount of use is not known. The United States gives this information 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	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

NOTICE TO WATER RIGHT LICENSEE

Application ID: A010119 **License No.** 7854 **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): UNXX in Inyo County

Direct Diversion Rate: 0.078 Cubic Feet per Second **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: **A010119**
Password: **2W3T5Y**

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/..ard_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

Application Number: A010119
License Number: 007854

Compliance with Permit Terms and Conditions	
I have reviewed my water right permit	Yes
I am complying with all terms and conditions	No
Description of noncompliance with terms and conditions	Please see remarks.
Intake location has been changed	
Description of intake location changes	
Type of use has changed	Yes
Description of type of use changes	Please see remarks.
Place of use has changed	
Description of place of use changes	

Purpose of Use	
Fish and Wildlife Protection and/or Enhancement	Please see remarks.

Month	Amount directly diverted or collected to storage (Gallons)	Amount beneficially used (Gallons)
January	0.0	0.0
February	0.0	0.0
March	0.0	0.0
April	0.0	0.0
May	0.0	0.0
June	0.0	0.0
July	0.0	0.0
August	0.0	0.0
September	0.0	0.0
October	0.0	0.0
November	0.0	0.0
December	0.0	0.0
Total	0	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

Conservation of Water	
Are you now employing water conservation efforts?	
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?	
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 permit?	
Amounts of groundwater used	

Additional Remarks
This right is no longer used in support of domestic uses, but is presently used by wildlife. The NPS considers state appropriative licenses to be federal property, and this change of type of use does not indicate an intent to abandon this license. NPS intends to determine whether a formal change in use is appropriate in the future. The exact amount of wildlife use is not known. The United States gives this information 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.

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

Application Number: A010119
License Number: 007854

Compliance with Permit Terms and Conditions	
I have reviewed my water right permit	Yes
I am complying with all terms and conditions	No
Description of noncompliance with terms and conditions	Please see remarks.
Intake location has been changed	
Description of intake location changes	
Type of use has changed	Yes
Description of type of use changes	Please see remarks.
Place of use has changed	
Description of place of use changes	

Purpose of Use	
Fish and Wildlife Protection and/or Enhancement	Please see remarks.

Month	Amount directly diverted or collected to storage (Gallons)	Amount beneficially used (Gallons)
January	0.0	0.0
February	0.0	0.0
March	0.0	0.0
April	0.0	0.0
May	0.0	0.0
June	0.0	0.0
July	0.0	0.0
August	0.0	0.0
September	0.0	0.0
October	0.0	0.0
November	0.0	0.0
December	0.0	0.0
Total	0	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

Conservation of Water	
Are you now employing water conservation efforts?	
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?	
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 permit?	
Amounts of groundwater used	

Additional Remarks
This right is no longer used in support of domestic uses, but is presently used by wildlife. The NPS considers state appropriative licenses to be federal property, and this change of type of use does not indicate an intent to abandon this license. NPS intends to determine whether a formal change in use is appropriate in the future. The exact amount of wildlife use is not known. The United States gives this information 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.

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

Application Number: A010119
License Number: 007854

Compliance with Permit Terms and Conditions	
I have reviewed my water right permit	Yes
I am complying with all terms and conditions	No
Description of noncompliance with terms and conditions	Please see remarks.
Intake location has been changed	
Description of intake location changes	
Type of use has changed	Yes
Description of type of use changes	Please see remarks.
Place of use has changed	
Description of place of use changes	

Purpose of Use	
Fish and Wildlife Protection and/or Enhancement	Please see remarks.

Month	Amount directly diverted or collected to storage (Gallons)	Amount beneficially used (Gallons)
January	0.0	0.0
February	0.0	0.0
March	0.0	0.0
April	0.0	0.0
May	0.0	0.0
June	0.0	0.0
July	0.0	0.0
August	0.0	0.0
September	0.0	0.0
October	0.0	0.0
November	0.0	0.0
December	0.0	0.0
Total	0	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

Conservation of Water	
Are you now employing water conservation efforts?	
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?	
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 permit?	
Amounts of groundwater used	

Additional Remarks
This right is no longer used in support of domestic uses, but is presently used by wildlife. The NPS considers state appropriative licenses to be federal property, and this change of type of use does not indicate an intent to abandon this license. NPS intends to determine whether a formal change in use is appropriate in the future. The exact amount of wildlife use is not known. The United States gives this information 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.

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

A010119%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

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

APPLICATION NO: A010119

LICENSE NO: 007854
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
UNXX		Inyo

MAX DIRECT DIVERSION RATE: 0.078 Cubic Feet per Second
MAX COLLECTION TO STORAGE AMOUNT: 0 AC-FT
WATER RIGHT FACE VALUE: 56.5 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	
Fire Protection	0.0	1/1 to 12/31	

[ ] 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: A010119

Password: 2W3T5Y

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.

Please Detach This Portion

App ID No. A010119

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. *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. *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. *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)

00-00-0000: application, permit, license, primary owner, mail to owner, address, pod info.

Application : A010119
Permit : 005755 **Issued on** May 1, 1941
License : 007854 **Issued on** August 4, 1966

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

POD Information :
IN NW¼ of NE¼ of Section 23, T27N, R1E, MDB&S (Inyo County)
Water to be diverted from UNXX
Tributary UNST thence SALT CREEK, DEATH VALLEY

Amount :
Maximum Application DD : 0.078 cubic-feet/sec

Purpose of Use : Fire Protection
Diversion Season : January 1 to December 31

Purpose of Use : Domestic
Diversion Season : January 1 to December 31

5

12-04-1996: enclosed please find the completed report of licensee forms for the above captioned water rights at death valley natio

United States Department of the Interior

NATIONAL PARK SERVICE
Water Resources Division
1201 Oak Ridge Drive, Suite 250
Fort Collins, Colorado 80525-5596

IN REPLY REFER TO:

December 4, 1996

L54(2380)
DEVA/Water Rights

Mr. John Wright, Associate WRC Engineer
Permit and License Unit
State of California
State Water Resources Control Board
Division of Water Rights
P.O. Box 2000
Sacramento, CA 95812-2000

Re: License 010780 (Application A021646) Unnamed Stream
License 004897 (Application A010276) Wildrose Spring
License 007854 (Application A010119) Unnamed Source
License 007577 (Application A019482) Ranger Spring

Dear Mr. Wright:

Enclosed please find the completed Report of Licensee forms for the above captioned water rights at Death Valley National Park.

Should you have any questions regarding these Reports of Licensee, please contact Denise Newberry of my staff at (970) 225-3525.

Sincerely,

Paul Christensen

for Charles W. Pettee
Acting Chief, Water Rights Branch

Enclosures

cc: DEVA - Superintendent (w/ enclosure)
PGSO - Kolipinski, Turnbull (w/o enclosures)
2380 - Christensen, Newberry (w/o enclosures)
PWFA - Kilgore

12-04-1996: enclosed please find the completed report of licensee forms for the above captioned water rights at death valley natio

bcc: Dockets (w/ enclosures)
FNP:DNewberry:mf:11/25/96:S:\WRB\DENISE\1996ROL

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

REPORT OF LICENSEE FOR 1992, 1993, 1994

OWNER OF RECORD: U S DEATH VALLEY NATL MONUMENT

APPLICATION: A019482

U S DEATH VALLEY NATL MONUMENT
1201 OAKRIDGE DR STE 250
FORT COLLINS, CO 80525

LICENSE: 007577

TELEPHONE NUMBER:
(970) 225 - 3500

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

SOURCE:		COUNTY:
RANGER SPRING		INYO
PURPOSE:	**DIVERSION/STORAGE SEASON:**	**ACRES/HP:**
RECREATIONAL	JAN 01 TO DEC 31 /	0 AC
WILDLIFE	JAN 01 TO DEC 31 /	0 AC
DOMESTIC	JAN 01 TO DEC 31 /	0 AC

AMOUNT: 7200 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
1992	X	X	X	X	X	X	X	X	X	X	X	X	
1993	X	X	X	X	X	X	X	X	X	X	X	X	
1994	X	X	X	X	X	X	X	X	X	X	X	X	

COMPLETE FOR STORAGE PROJECTS

	1992	1993	1994
3. Did your reservoir spill this year?	n/a	n/a	n/a
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)

1994

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

7. Acreage irrigated	.2	.2	.2
8. Stockwatering - number of stock			
9. Domestic - number of persons			
shade trees garden area, etc.	x	x	x
10. Recreational - nature of use picnicking	x	x	x
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: Camping restrictions near spring sites.

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 [ ] 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: 12/04/96 Sign Here: Paul Christensen for Charles W. Pettee
Acting Chief, Water Rights Branch
LICENSEE (OR AGENT OR DESIGNEE)

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

REPORT OF LICENSEE FOR 1992, 1993, 1994

OWNER OF RECORD: U S DEATH VALLEY NATL MONUMENT

APPLICATION: A010119

LICENSE: 007854

U S DEATH VALLEY NATL 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:
UNXX		INYO
PURPOSE:	**DIVERSION/STORAGE SEASON:**	**ACRES/HP:**
FIRE PROTECTION	JAN 01 TO DEC 31 /	0 AC
DOMESTIC	JAN 01 TO DEC 31 /	0 AC

AMOUNT: 0.078 CFS 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
1992	x	x	x	x	x	x	x	x	x	x	x	x	
1993	x	x	x	x	x	x	x	x	x	x	x	x	
1994	x	x	x	x	x	x	x	x	x	x	x	x	

COMPLETE FOR STORAGE PROJECTS

	1992	1993	1994
3. Did your reservoir spill this year?	n/a	n/a	n/a
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)

1994

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

7.	Acreage irrigated.	5	5	5
8.	Stockwatering - number of stock.			
9.	Domestic - number of persons.	3,000 daily at peak periods of the season		
	garden area, etc.			
10.	Recreational - nature of use			
11.	Industrial - nature of use			
12.	Municipal - approximate population			
13.	Power generation - K.W.			
14.	Other wildlife preservation	x	x	x

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: water use restrictions during drought periods

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 [X].

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: 12/04/96 Sign Here: Paul Christensen for Charles W. Pettee
Acting Chief, Water Rights Branch
LICENSEE (OR AGENT OR DESIGNEE)

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

REPORT OF LICENSEE FOR 1992, 1993, 1994

OWNER OF RECORD: U S DEATH VALLEY NATL MONUMENT

APPLICATION: A010276

LICENSE: 004897

U S DEATH VALLEY NATL 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:
WILDROSE SPRING		INYO
PURPOSE:	**DIVERSION/STORAGE SEASON:**	**ACRES/HP:**
DOMESTIC	JAN 01 TO DEC 31 /	0 AC

AMOUNT: 1500 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 [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 [ ].

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
1992	x	x	x	x	x	x	x	x	x	x	x	x	
1993	x	x	x	x	x	x	x	x	x	x	x	x	
1994	x	x	x	x	x	x	x	x	x	x	x	x	

COMPLETE FOR STORAGE PROJECTS

	1992	1993	1994
3. Did your reservoir spill this year?	n/a	n/a	n/a
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: 12/04/96 Sign Here: Paul Christensen for Charles W. Pettee
Acting Chief, Water Rights Branch
LICENSEE (OR AGENT OR DESIGNEE)

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

REPORT OF LICENSEE FOR 1992, 1993, 1994

OWNER OF RECORD: U S DEATH VALLEY NATL MONUMENT

APPLICATION: A021646

U S DEATH VALLEY NATL MONUMENT
1201 OAKRIDGE DR STE 250
FORT COLLINS, CO 80525

LICENSE: 010780

TELEPHONE NUMBER:
(970) 225 - 3500

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

SOURCE:		COUNTY:
UNST		INYO
PURPOSE:	**DIVERSION/STORAGE SEASON:**	**ACRES/HP:**
DOMESTIC	JAN 01 TO DEC 31 /	0 AC

AMOUNT: 7300 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 [X] 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
1992	x	x	x	x	x	x	x	x	x	x	x	x	
1993	x	x	x	x	x	x	x	x	x	x	x	x	
1994	x	x	x	x	x	x	x	x	x	x	x	x	

COMPLETE FOR STORAGE PROJECTS

	1992	1993	1994
3. Did your reservoir spill this year?	n/a	n/a	n/a
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.	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_____			

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 [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 [ ] 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: 12/04/96 Sign Here: Paul Christensen for Charles W. Pettie Acting Chief, Water Rights Branch
LICENSEE (OR AGENT OR DESIGNEE)

State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. BOX 2000 SACRAMENTO, CA 95812-2000
901 P ST. SACRAMENTO, CA
(916) 324-5626

REPORT OF LICENSEE FOR 1987, 1988, 1989

OWNER OF RECORD:

U S DEATH VALLEY NATIONAL MONUMENT
C/O National Park Service
Water Resources Division
1201 Oakridge Dr., Suite 250
Fort Collins, CO 80525

APPLICATION: A010119

LICENSE: 007854

TELEPHONE NUMBER:
( ) -

OR MISSING, PLEASE CORRECT.

SOURCE: UNNAMED SOURCE

COUNTY: INYO

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

(6)

AMOUNT: 0.078 CFS 0.0 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 [XX] JO [ ]. I am complying with the conditions of my license: YES [XX] 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 [XX]

:OMPLETE 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
1987	x	x	x	x	x	x	x	x	x	x	x	x	
1988	x	x	x	x	x	x	x	x	x	x	x	x	
1989	x	x	x	x	x	x	x	x	x	x	x	x	

OMPLETE FOR STORAGE PROJECTS

	1987	1988	1989
3. Did yc ir reservoir spill this year?	n/a	n/a	n/a
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?			

SE (COMPLETE FOR ALL PROJECTS)

7. Acreage irrigated	5	5	5
Crops grown			
8. Stockwatering — number of stock			
kind of stock			
9. Domestic — number of persons	3,000 daily at peak periods of the season		
garden area, etc.			
10. Recreational — nature of use			
11. Industrial — nature of use			
12. Municipal — approximate population			
13. Power generation — K.W.			
14. Other wildlife preservation	x	x	x

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".

/R-17 (6/90)

(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 be developed, conserved, and utilized in the public interest as required by the Water Code. Please answer tho 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 detectic program [ ]; (2) Lining canals [ ]; (3) Phreatophyte and aquatic vegetation control [ ]; (4) Other (describe "Remarks") [ ].

18. What measures are used to encourage consumers to conserve water in agricultural use? (1) Program to encourage mor efficient irrigation systems (sprinkler, drip, etc.) where applicable [ ]; (2) Return flow systems on individu farms [ ]; (3) Return flow system areawide [ ]; (4) Water pricing to encourage reduced use [ ]; (5) Charges fc 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 t control wasteful use [ ]; (2) Public education program on water conservation [ ]; (3) Pricing to encourage reduce 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 us for major crops by each farm [ ]; (3) Other (describe in "Remarks") [ ].

CONSERVATION OF WATER (WATER USERS)

21. Describe any water conservation efforts you may have started: water use restrictions during drought periods

22. If credit toward beneficial use of water under this license for water not used due to a conservation effort is claime 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 int settling ponds [X]; (4) Other [ ]. Describe:

25. Does or will water being discharged contain waste materials? YES [ ] NO [x].
(1) Domestic [x]; (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 whic would impair the water for beneficial uses? YES [ ] NO [x]. Describe:

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

27. Are you now or have you been using reclaimed water from a wastewater treatment facility or water polluted by wast 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 appropriate water is claimed under Section 1010 of the Water Code, please show amounts of reduced diversion and amounts 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 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 bel

Date: 2/4/93 Sign Here: Chief, Water Rights Branch
LICENSEE (OR AGENT OR DESIGNEE)

United States Department of the Interior

TAKE PRIDE IN AMERICA

NATIONAL PARK SERVICE
Water Resources Division
1201 Oakridge Drive, Suite 250
Ft. Collins, Colorado 80525

IN REPLY REFER TO

February 3, 1993

Deva 1

L54(479)
PINN/Water Rights
DEVA/Water Rights

Mr. John Wright
Associate WRC Engineer
Permit and License Unit
State of California
State Water Resources Control Board
Division of Water Rights
P.O. Box 2000
Sacramento, CA 95812-2000

Re: License 9374 (Application A008969) Chalone Creek
License 6559A (Application A013852A) Burns Creek
License 6110 (Application A015381) Lower Emigrant
License 7854 (Application A010119) Unnamed Source
License 2430 (Application A005073) Lower Spring
License 4621 (Application A009510) Main Cow Creek
License 4897 (Application A012076) Wildrose Spring
License 7578 (Application A019538) Mesquite Spring
License 7577 (Application A019482) Ranger Spring
License 6740 (Application A018433) Goldbelt Spring
License 10580 (Application A008423) Unnamed Spring
License 10845 (Application A016096) Tarantula Springs
License 6343 (Application A008183) Saratoga Spring
License 10780 (Application A021646) Unnamed Stream
License 10781 (Application A015539) Covered Spring

Dear Mr. Wright:

Enclosed are completed Reports of Licensee forms for water right licenses in Pinnacles National Monument and Death Valley National Monument.

As Denise Newberry of my staff discussed with you earlier this year, the National Park Service (NPS) is updating its files and the State's records of its water rights in California park units. The NPS requests orders correcting the purpose of use for the following water licenses, as indicated below:

License 4621 (Application A009510) Main Cow Creek - add wildlife preservation

License 10580 (Application A008423) Unnamed Spring - add wildlife preservation

License 6110 (Application A015381) Lower Emigrant - add wildlife preservation

License 7854 (Application A010119) Unnamed Source - add wildlife preservation

License 2430 (Application A005073) Lower Spring - add wildlife preservation, delete domestic

License 6559A (Application A013852A) Burns Creek - add wildlife preservation, delete domestic

If you have questions regarding these Reports of Licensee, please contact Denise at (303) 225-3525.

Sincerely,

Owen R. Williams
Chief, Water Rights Branch

Enclosures

cc: WR - Kolipinski (w/o enclosures)
DEVA - Superintendent
PINN - Superintendent
479 - Johns (w/o enclosures), Water Rights Dockets

06-30-1992: in regard to you letter dated june 30, 1992 ; august 25, 1992

STATE OF CALIFORNIA

PETE WILSON, *Governor*

STATE WATER RESOURCES CONTROL BOARD
THE PAUL R. BONDERSON BUILDING
901 P STREET
SACRAMENTO, CA 95814

Mailing Address
DIVISION OF WATER RIGHTS
P.O. BOX 2000, Sacramento, CA 95812-2000

916/657-2046

FAX: 916/657-2388

In Reply Refer
To:341:JHW:5073

AUGUST 25 1992

Denise Newberry
United States Department of the Interior
National Park Service
Water Resources Division
301 South Howes Street, Room 353
Ft. Collins, CO 80521

Dear Ms. Newberry:

LICENSES 2430, 4621, 4897, 6110, 6343, 6559A, 6740, 7577, 7578, 7854, 10580, 10780, 10781, AND 10845 (APPLICATIONS 5073, 9510, 10276, 15381, 8183, 13852A, 18433, 19842, 19538, 10119, 8423, 21646, 15539, AND 16096) VARIOUS SOURCES IN INYO AND SAN BERNADINO COUNTIES

In regard to your letter dated June 30, 1992, please find enclosed blank copies of the Licensee Reports for the above licenses.

Please note that addresses on several of the Reports of Licensee are different. Please indicate how the addresses for the above licenses should be shown when you return the completed Reports of Licensee.

If you require further assistance in this matter, please write or telephone me at the above number.

Sincerely,

Jon H. Wright

Jon H. Wright
Associate WRC Engineer
Permit and License Unit

Enclosures

07-24-1987: please find enclosed the reports of licensee which you requested ; july 24, 1987

Texas Springs Division App. A 010119
Lic. 007854

Rec'd aug 6, 1987

Witucki

Power

United States Department of the Interior

NATIONAL PARK SERVICE
DEATH VALLEY NATIONAL MONUMENT
DEATH VALLEY, CALIFORNIA 92328

IN REPLY REFER TO:
L54

July 24, 1987

Mr. Glenn K. Bork
State Water Resources Control Board
The Paul R. Bonderson Bldg.
901 P. Street
Sacramento, CA 95814

Dear Mr. Bork:

Please find enclosed the reports of licensee which you requested. Should you have any questions in regard to this matter, please call Mr. Gerard Witucki, National Park Service Water Resources Branch, Ft. Collins, Colorado, (303) 221-5341, or Peter Rowlands, Death Valley National Monument, (619) 786-2331.

Sincerely,

Edwin L. Rothfuss
Superintendent

Enclosures

cc: Gerard Witucki, Water Resources Branch
Regional Director, Western Region

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

REPORT OF LICENSEE FOR 1984, 1985, 1986

OWNER OF RECORD:

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

APPLICATION: A010119
LICENSE: 007854
TELEPHONE NUMBER: (619) 786-2331

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

SOURCE: ~~UNNAMED SOURCE~~ Texas Springs Diversion

COUNTY: INYO

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

AMOUNT: 0.078 CFS 0.0 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 [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
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	
1986	X	X	X	X	X	X	X	X	X	X	X	X	

COMPLETE FOR STORAGE PROJECTS	1984	1985	1986
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	5	5	5
Crops grown . lawns, shrubs, trees			
8. Stockwatering — number of stock			
kind of stock			
9. Domestic — number of persons	3000 daily at peak periods →		
garden area, etc.			
10. Recreational — nature of use	wildlife, ecosystem use →		
11. Industrial — nature of use			
12. Municipal — approximate population			
13. Power generation — K.W.			
14. Other fire protection			

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)
2960

1986

(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 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") [ ].

CONSERVATION OF WATER (WATER USERS)

21. Describe any water conservation efforts you may have started: Water use restrictions during drought periods

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: Removal of wild burro populations
Restrictions on camping near spring sites

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

25. Does or will water being discharged contain waste materials? YES [ ] NO [X].
(1) Domestic [X]; (2) Municipal [ ]; (3) Industrial [ ]; (4) Agricultural [X]; (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? none

30. What is the current potential for reusing the appropriated water to satisfy part of your water needs? none

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.)

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: Peter G. Rowlands, Chief Resource Mgmt
LICENSEE (OR AGENT OR DESIGNEE)
Death Valley National Monument

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

REPORT OF LICENSEE FOR 1981, 1982, 1983

OWNER OF RECORD:

DEATH VALLEY NATL 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: A010119
LICENSE: 007854
TELEPHONE NUMBER:
(415) 556 - 8660

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

SOURCE: UNNAMED SOURCE

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: INYO

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

AMOUNT: 0.078 CFS 0.0 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 [X] NO [ ]. I am complying with the conditions of my license: YES [X] NO [ ]. Identify any noncompliance by licens term number under "Remarks" on reverse side. This report is important in providing the record of use needed i 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
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	
1983	X	X	X	X	X	X	X	X	X	X	X	X	

COMPLETE FOR STORAGE PROJECTS	1981	1982	1983
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 .Lawn, .Schrubs, .Trees	X	X	X
8. Stockwatering — number of stock			
kind of stock			
9. Domestic — number of persons	3000 daily at Peak Periods	3000 daily at Peak Periods	3000 daily at Peak Periods
garden area, etc.			
10. Recreational — nature of use	. . . Campgrounds, Visitor Center etc.		
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 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 Boar has not yet been obtained, please describe nature of change on the reverse side under "Remarks".

WR-17 (11-83)
2757

1983

(REPORT CONTINUES ON REVERSE SID

00-00-0000: report of licensee for 1978, 1979, 1980

State Water Resources Control Board
DIVISION OF WATER RIGHTS
77 Cadillac Drive, Sacramento, CA 325
(916) 920-6151

REPORT OF LICENSEE FOR 1978, 1979, 1980

OWNER OF RECORD:

DEATH VALLEY NATL 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: A010119

LICENSE: 007854

TELEPHONE NUMBER:
(415) 556 - 8660

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

SOURCE: UNNAMED SOURCE

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: INYO

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

AMOUNT: 0.078 CFS 0.0 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 [X] NO [ ]. I am complying with the conditions of my license: YES [X] NO [ ]. Identify any noncompliance by licens term number under "Remarks" on reverse side. This report is important in providing the record of use needed i maintaining your water right. It should be filled out carefully and returned promptly to the above-listed address. D you need a copy of your license: Yes [ ] No [X]. If yes, please include a stamped, addressed envelope with your request.

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
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	
1980	x	x	x	x	x	x	x	x	x	x	x	x	

COMPLETE FOR STORAGE PROJECTS	1978	1979	1980
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 ..lawn, shrubs, trees,...	x	x	x
8. Stockwatering — number of stock			
kind of stock			
9. Domestic — number of persons	--3,000 daily at peak periods --		
garden area, etc.			
10. Recreational — nature of use	--Campgrounds, visitor center, etc..--		
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 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 Boar has not yet been obtained, please describe nature of change on the reverse side under "Remarks".

WR-17 (8-80)

1980

(REPORT CONTINUES ON REVERSE SID

00-00-0000: report of licensee for 1975, 1976, 1977

DEVAUR46

State Water Resources Control Board
DIVISION OF WATER RIGHTS
77 Cadillac Drive Sacramento, CA 95825
(916) 322-9128

REPORT OF LICENSEE FOR 1975, 1976, 1977

APPLICATION: 10119 LICENSE: 7854

OWNER OF RECORD: (415)556-8660
Area Code and Telephone Number

DEATH VALLEY 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
If the information shown above is wrong, please correct.

SOURCE: UNNAMED TUNNEL

COUNTY: INYO

AMOUNT: 0.078 CU FT/SEC

PURPOSE: DOMESTIC & FIRE PROTECTION

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 ☒ NO ☐. I am complying with the conditions of my license: YES ☒ 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

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
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	
1977	x	x	x	x	x	x	x	x	x	x	x	x	

COMPLETE FOR STORAGE PROJECTS	1975	1976	1977
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: . . lawn, . shrubs, & trees			
8. Stockwatering – number of stock			
kind of stock			
9. Domestic – number of persons	3,000 daily at	peak periods	
garden area, etc.			
10. Recreational – nature of use	campground, visitors center, etc.		
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 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: April 25, 1978 Sign Here: (Sgd) Gerard S. Witucki
Gerard S. Witucki LICENSEE
Chief, Div. (REPORT CONTINUES ON REVERSE SIDE)

SWRCB-17 (8-77)

1977

REPORT OF LICENSEE FOR 1975, 1976, 1977—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 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 taking, have been taking, or can take to reclaim or indirectly reuse the water appropriated:

REMARKS

Please indicate the number of the item you are explaining:

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

03344-536 8-77 3M © OSP

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

REPORT OF LICENSEE FOR 1972, 1973, 1974

OWNER OF RECORD:

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

Telephone Number and Area Code

APPLICATION 10119

If the information shown above is wrong, please correct

SOURCE: UNNAMED TUNNEL

AMOUNT: 0.078 CU FT/SEC
PURPOSE: DOMESTIC & FIRE PROTECTION

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.

LICENSE 7854

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 my license: YES [x] NO [ ]. I am complying with the conditions under which my license has been issued: YES [x] 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 establishing 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 [x] No

DIRECT DIVERSION

1. Have you used the full licensed amount of water each year? [x] 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
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	
1974	x	x	x	x	x	x	x	x	x	x	x	x	

STORAGE

	1972	1973	1974
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

7. Acreage irrigated
   Crops grown: lawns, shrubs, & trees
8. Stockwatering – head
   Kind
9. Domestic – number of persons: 3,000 daily at peak periods
   Garden area, etc.
10. Recreational – nature of use: campground, visitors center, etc.
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 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: March 21, 1975 Sign Here: (SGD) GERARD S. WITUCKI
LICENSEE

SWRCB–17(9/74) Sent to State of Ca. on 4/14/75

1974 Gerard S. Witucki (Report continues on reverse side)
Chief, Division of Water Resources

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 AGENCY

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF WATER RIGHTS

CENTRAL REGION

REPORT OF LICENSEE FOR 1969, 1970, 1971

OWNER OF RECORD:

APPLICATION 10119 WRC

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

TELEPHONE NUMBER

If the information shown above is wrong, please correct

SOURCE: UNNAMED TUNNEL

AMOUNT: 0.078 CU FT/SEC
PURPOSE: DOMESTIC & FIRE PROTECTION

LICENSE 7854

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
1969	x												
1970													
1971													

STORAGE	1969	1970	1971
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. Acreage irrigated	5	5	5
Crops grown: lawns, shrubs & trees			
2. Stockwatering—head			
Kind			
3. Domestic—number persons	3000 daily at peak periods		
Garden area, etc.			
4. Recreational—nature of use	x	x	x
5. Industrial—nature of use			
6. Municipal—approximate population			
7. Power generation—H.P.			
8. Other irrigation, domestic & fire protection			

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

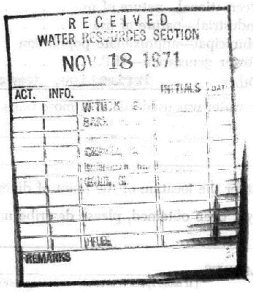
REMARKS
(If more space is needed, use reverse side)

Date March 1, 1973 Sign Here (SGD) GERARD S. WITUCKI
Chief, Division of Licensee Water Resources

1971

WRCB-17 (8-71)

11-00-0000: received water resources section nov 18 1971



WRS

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

IN REPLY REFER TO:

L54(WR)ASW
DEVA/Water Rights

July 27, 1972

Mr. K. L. Woodward
Chief, Division of Water Rights
State Water Resources Control Board
Room 1015, Resources Building
1416 Ninth Street
Sacramento, California 95814

Dear Mr. Woodward:

In accordance with your letter of May 16, 1972, the National Park Service will continue to inform the State Division of Water Rights concerning National Park Service water requirements. We have reviewed the twelve permits listed in your letter and have discussed each case with appropriate field personnel to determine the current status of each. We intend to make every effort to cooperate with the State to develop a system that will be mutually satisfactory to the Park Service policy objectives and the concerns of the State.

To this end we are submitting a Notification of Existing Water Use for ten of the twelve permits listed in your May 16 correspondence. The following seven permits continue to have regular use:

Permit #	Application #	N.P.S. Water Right #
4645	8423	24
11421	16096	21
14533	21646	31
11423	17839	25
15721	22979	34
15363	22366	AWR 9
11924	18489	1

Three of the permits, as noted in your letter, have not been active for some time. However, this water is now being used and the following permits have been placed in our active files:

Permit #	Application #	N.P.S. Water Right #
5738	10001	3
5739	10002	4
5754	10118	5

The remaining two permits have been used regularly in past years but are not now in use nor do we foresee use in the near future. These permits shall be placed on inactive status in the Park Service's records.

Permit #	Application #	N.P.S. Water Right #
11424	15539	22
11422	16138	22-A

The Park Service intends to continue to give consideration to the State Division of Water Rights regarding difficulties which might arise in conjunction with the information contained within these raports of existing use.

We continue to appreciate your assistance in these matters.

Sincerely yours,

(SGD) GERARD S. WITUCKI

Gerard S. Witucki
Chief, Water Resources Division

Enclosures

cc:
PN, WASO w/encls
Supt., Death Valley NM, w/encls

(WR)AS, Mr. Wallis
(WR)ASW, Water Resources File
(WR) Chron

(WR)FNP:JMMize:mpm 7/27/72

TE OF CALIFORNIA—THE RESOURCES AGENC. RONALD REAGAN, Governor

TE WATER RESOURCES CONTROL BOARD
VISION OF WATER RIGHTS
)M 1015, RESOURCES BUILDING
6 NINTH STREET • SACRAMENTO 95814

Witucki

May 16, 1972

RECEIVED
WATER RESOURCES SECTION
MAY 19 1972

ACT.	INFO.		INITIALS	DATE
		WITUCKI, G.		
		BARNETT, D.		
		[illegible]		
		CARTER, D.		
		RAMSEY, M.		
		GOLD, S.		
		FILE		

REMARKS

U. S. Death Valley National Monument
c/o U. S. National Park Service
Office of Land and Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, CA 94102

Attention: Mr. Gerard S. Witucki, Chief
Water Resources Section

Gentlemen:

Permits 15363, 4645, 5754, 5738, 5739, 11424, 11422, 11421, 11924, 11423, 14533 and 15721 (Applications 22366, 8423, 10118, 10001, 10002, 15539, 16138, 16096, 18489, 17839, 21646 and 22979) Various Springs and Washes in Inyo County

The time to complete use of water under all but one of the subject permits expired December 1, 1970. The time to complete use of water under the one permit--15721--expires December 1, 1972.

In your letter of February 17, 1971 confirming a meeting of January 26, 1971, you stated, "In accordance with the understanding reached at the meeting, it is understood no action would be undertaken by the State in view of the recent modification of the State Water Code, particularly in regards to the Point Reyes National Seashore.... Further, as agreed, in the future, we will pattern our procedures somewhat after those used by the Forest Service in the State of California."

Prior to the above-mentioned meeting, on December 1, 1970 you submitted progress reports for the above permits in which you requested necessary forms for petitioning an extension of time. The forms were mailed to you on January 4, 1971. These petitions have not been received. Also, we have not received your 1971 progress reports.

We assume that you are in the process of determining which of the above permits should be revoked and replaced by reports of water use, either patterned after those used by the Forest Service or using our "Statement of Water Diversion and Use" forms, and which of the permits should be kept in good standing. Copies of our "Statement of Water Diversion and Use" forms are enclosed. Simply reporting on use of water is not a substitute for applying for a water right permit if the land involved was formerly in private ownership and your use is not riparian in nature.

According to the California State Water Resources Control Board's "Guidelines for Considering Petitions for Extensions of Time" (a copy of which is enclosed), and the latest information in our files, it appears that Permits 5738, 5739 and 5754

should be revoked because construction has not been started. It appears that Permits 4645, 11421, 11422, 11423, 11424, 14533 and 15363 should be inspected to confirm the amount of use for licensing purposes unless an extension of time can be justified. Use of water under Permit 11924 appears to have been increasing according to progress reports on file. If you want an extension of time under this permit, you will need to submit a petition.

Please advise what course of action you propose to take.

Sincerely,

K. L. Woodward

K. L. Woodward, Chief
Division of Water Rights

Enclosures

Name of U.S. Area Death Valley Nat. Mon.

N.P.S. Code Number 8130 / W.R. # 5

Previous State identification #s _____

App. # 10118 Permit # 5754

UNITED STATES DEPARTMENT OF INTERIOR

NATIONAL PARK SERVICE

NOTIFICATION OF EXISTING WATER USE

TO THE STATE WATER RIGHTS BOARD OF THE STATE OF CALIFORNIA:

The UNITED STATES OF AMERICA, acting by and through the NATIONAL PARK SERVICE, UNITED STATES DEPARTMENT OF INTERIOR, hereby notifies you of the following existing water use on reserved land in California for National Park Service purposes:

(1) The source of the water used is Furnace Creek Wash (stream, lake, spring, or well; if unnamed so state), located in Inyo County, California.

(2) The amount of water used is as follows: (Complete only applicable items)

(a) For diversion and direct application to beneficial use:

.85 cubic feet per second, the diversion commencing Jan. 1 and ending Dec. 31 of each year.

(b) For diversion storage and later application to beneficial use:

-------- acre-feet per annum, to be collected between _____ and _____ of each year.

(3) The use(s) to which the water is put is (are) the following:

Supplemental Irregation (domestic, irrigation, power, recreation, stockwatering, industrial, mining, fire control, wildlife, etc.)

(4) The place where the water is used is Furnace Creek Headquarters Area (commonly used name or local designation).

(5) The water use covered by this notification commenced in year 1941.

(6) If the water use covered by this notification is by a person or entity occupying National Park Service land under a special use permit:

(a) The permittee is named _____.

(b) The permit was issued for the purpose(s) of _____

_____.

SAID PERMITTEE DOES NOT HAVE A WATER RIGHT UNDER CALIFORNIA LAW COVERING THIS USE.

(7) The foregoing diversion and use are made pursuant to a withdrawal and reservation of the affected land and resources thereon for National Park Service purposes. The effective date of said withdrawal and reservation is Feb. 11, 1933.

A map, if available, showing points of diversion and use is attached.

The UNITED STATES OF AMERICA gives this notification to the STATE OF CALIFORNIA in the interest of comity, and does not concede that the State has power to regulate the rights of the United States to use of the water.

DATED this 21 day of July, 1972.

UNITED STATES OF AMERICA

By Gerard S. Witucki

Gerard S. Witucki

Chief, Water Resources Division

17 FEB 1969

L54 LWSSC YOSE - Wtr Docket No. 6
DEVA WTR DOCKET NOS. 1,3,4,5,6,9
17,21,22,24,25,26,27,28,31

State of California
Division of Water Rights
Resources Building, Room 1140
1416 Ninth Street
Sacramento, California 95814

Gentlemen:

Enclosed are Reports of Licensee for 1966, 1967, 1968, and Progress Reports by Permittee for 1968, as follows:

Reports of Licensee - Death Valley National Monument

Source	Application No.	License No.	Docket No.
Goldbelt Spring	18433	6740	26
Saratoga Springs	8183	6343	17
Mesquite Spring	19538	7578	28
Lower Emigrant Spring	15381	6110	9
Unnamed Tunnel	10119	7854	6
Ranger Spring	19482	7577	27

Progress Reports by Permittee - Death Valley National Monument

Tarantula Springs	16096	11421	21
Blue Cliff Springs	17839	11423	25
Chucker Spring	16138	11422	22
Unnamed Spring	8423	4645	24
Nevares Springs	18489	11924	1
Furnace Creek Wash	10001	5738	3
Furnace Creek Wash	10002	5739	4
Furnace Creek Wash	10118	5754	5
Surprise Spring	21646	14533	31

Progress Report by Permittee - Yosemite National Park

Moss Creek	19116	12387	6

Sincerely yours,

(Sgd) JOHN E. RITCHIE

John E. Ritchie
Chief, Office of Land
and Water Rights

Enclosures

cc: Chief, OLWR, WSC w/encs
Regional Director, Western
Superintendents, Death Valley; Yosemite

JWPOBERTS:mlk 2/17/69

STATE OF CALIFORNIA—THE RESOURCES AGE

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF WATER RIGHTS

REPORT OF LICENSEE FOR 1966, 1967, 1968

OWNER OF RECORD: APPLICATION 10119

U S DEATH VALLEY NATL MONUMENT
DEATH VALLEY, CALIF 92328

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

SOURCE: UNNAMED TUNNEL

AMOUNT: 0.078 CU FT/SEC
PURPOSE: DOMESTIC & FIRE PROTECTION

LICENSE 7854

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.

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

1966: Was water used? Yes What was the maximum rate of diversion (if known)? .078 cu ft/sec

Purpose (irrigation, domestic, etc.) Irrigation; Domestic & Fire protection

Number of units served 5 acres lawn, shrubs, trees. 3,000 people/day (peak periods)
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
36.6	30.0	44.4	39.2	19.1	35.0	31.2	36.7	25.6	40.4	35.6	30.4	404.2 AF

1967: Was water used? same What was the maximum rate of diversion (if known)? 0.078

Purpose Irrigation; Domestic & Fire protection

Number of units served 5 acres lawn, shrubs, trees. 3,000 people/day (peak periods).

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
33.7	33.0	32.4	27.4	31.7	30.4	47.8	37.5	39.3	44.0	30.5	26.0	413.7 AF

1968: Was water used? same What was the maximum rate of diversion (if known) 0.078

Purpose Irrigation; Domestic & Fire protection

Number of units served 5 acres lawn, shrubs, trees. 3,000 people/day (peak periods).

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
30.7	34.6	33.3	39.8	35.6	28.3	40.0	61.0	47.4	27.9	38.9	35.0	452.5

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 December 31, 1968 Sign Here Robert J. Murphy
Robert J. Murphy Licensee Superintendent

1968

WRCB 17 (8-66)

24252-983 8-66 5M ⓘ OSP

12-31-1968: report of licensee for 1966, 1967, 1968 cont. ; december 31, 1968

REMARKS

00-00-0000: license for diversion and use of water

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

License for Diversion and Use of Water

APPLICATION 10119 PERMIT 5755 LICENSE 7854

THIS IS TO CERTIFY, *That* United States - Death Valley National Monument
Death Valley
California

has made proof as of March 12, 1964, *(the date of inspection) to the satisfaction of the State Water Rights Board of a right to the use of the water of*
Pacific Coast Borax Company Tunnel in Inyo County

tributary to Salt Creek

for the purpose of domestic and fire protection uses *under Permit* 5755 *of the State Water Rights Board 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 State Water Rights Board and the terms of the said permit; that the priority of the right herein confirmed dates from* February 17, 1941 *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* Seventy-eight thousandths (0.078) cubic foot per second to be diverted from January 1 to December 31 of each year.

The point of diversion of such water is *located:*

South seventy degrees sixteen minutes east (S 70° 16' E) eight thousand six hundred twelve (8612) feet from W¼ corner of Section 15, T27N, R1E, SBB&M, being within NW¼ of NE¼ of Section 23, T27N, R1E, SBB&M.

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

At Texas Spring Campground within SE¼ of SE¼, SW¼ of SE¼ and SE¼ of SW¼ of Section 15; At Museum, Visitors Center and Headquarters office within NE¼ of SE¼, SW¼ of SE¼ and SE¼ of SE¼ of Section 16; and at Indian Village within NE¼ of SW¼ and NW¼ of SE¼ of Section 21, all within T27N, R1E, SBB&M.

This license is conditioned upon full compliance with Section 5937 of the Fish and Game Code.

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 State Water Rights Board 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 Water Rights Board.

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 board.

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 cannot 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.

Dated: AUG 4 1966

ORIGINAL SIGNED BY
L. K. HILL
L. K. HILL
Executive Officer

LICENSE 7854
STATE OF CALIFORNIA
STATE WATER RIGHTS BOARD

LICENSE
TO APPROPRIATE WATER

ISSUED TO United States - Death Valley National Monument

DATED AUG 4 1966

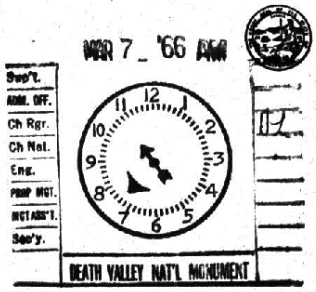
STATE OF CALIFORNIA—RESOURCES AGENCY

EDMUND G. BROWN, Governor

STATE WATER RIGHTS BOARD

ROOM 1140, RESOURCES BUILDING
1416 NINTH STREET, SACRAMENTO 95814

KENT SILVERTHORNE, Chairman
RALPH J. McGILL, Member
W. A. ALEXANDER, Member



MAR 4 1966

Death Valley National Monument
Death Valley
California

Subject: Application 10119 , Permit 5755

Gentlemen:

Your petition of June 2, 1965, has been approved as shown on the enclosed order.

Please attach the order to your copy of the permit.

Sincerely,

L. K. Hill
Executive Officer

Enclosure

SWRB
24E (10-65)

Docket 5 RS

STATE OF CALIFORNIA—RESOURCES AGE

STATE WATER RIGHTS BOARD

ORDER

APPLICATION 10119 PERMIT 5755 LICENSE

ORDER ALLOWING CHANGE IN PLACE OF USE

WHEREAS the State Water Rights Board has found that the change in place of use under Application 10119, Permit 5755, for which petition was submitted on June 2, 1965, will not operate to the injury of any other legal user of water, and

WHEREAS the Board has approved and allowed said change and has directed that an order be issued to allow said place of use in accordance with said petition;

NOW THEREFORE IT IS ORDERED that permission be and the same is hereby granted to change the place of use under said Application 10119, Permit 5755, to a place of use described as follows, to wit:

AT TEXAS SPRING CAMPGROUND WITHIN SE¼ OF SE¼, SW¼ OF SE¼ AND SE¼ OF SW¼ OF SECTION 15;
AT MUSEUM, VISITORS CENTER AND HEADQUARTERS OFFICE WITHIN NE¼ OF SE¼, SW¼ OF SE¼ AND SE¼ OF SE¼ OF SECTION 16; AND
AT INDIAN VILLAGE WITHIN NE¼ OF SW¼ AND NW¼ OF SE¼ OF SECTION 21,
ALL WITHIN T27N, R1E, SB&M.

WITNESS my hand and the seal of the State Water Rights Board of the State of California this 4 th day of March, 1966

L. K. Hill
Executive Officer

STATE WATER RIGHTS BOARD CALIFORNIA

Docket 5 RS

12-21-1965: enclosed for your use are the following 'progress reports ; december 21, 1965

Springer
Morris

Western Region
450 Golden Gate Avenue, Box 36064
San Francisco, California 94102

L 54

December 21, 1965

Mr. L. K. Hill
Executive Officer
State Water Rights Board
Room 1140, Resources Building
1416 Ninth Street
Sacramento, California 95814

Dear Mr. Hill:

Enclosed for your use are the following "Progress Report by Permittee for the year 1965."

FILE COPY

1.	16138	11422	Chucker Spring
2.	15539	11424	Covered Spring and Wee Spring
3.	16096	11421	Tarantula Springs
4.	21646	14533	Surprise Spring
5.	17839	11423	Blue Cliff Springs
6.	18489	11924	Nevares Springs
7.	8423	4645	Unnamed Spring
8.	10119	5755	Texas Springs A, B, and C and Unnamed Tunnel
9.	10118	5754	Furnace Creek Wash
10.	10002	5739	Furnace Creek Wash
11.	10001	5738	Furnace Creek Wash

Sincerely yours,

(Sgd) Manuel Morris

Manuel Morris
Hydraulic Engineer

Enclosures (11)

cc:
Director

HASpringer:vm

94

STATE OF CALIFORNIA—RESOURCES AGENCY

STATE WATER RIGHTS BOARD

RESOURCES BUILDING, ROOM 1140
1416—9TH STREET
SACRAMENTO, CALIFORNIA 95814

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1965

OWNER OF RECORD:

APPLICATION 10119

U S DEATH VALLEY NATL MONUMENT
DEATH VALLEY, CALIF 92328

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

SOURCE: (1) TEXAS SPRING A (2) TEXAS SPRING B
(3) TEXAS SPRING C (4) UNNAMED TUNNEL
(5) (6)
(7)

PERMIT 5755

Neither the filing of an application nor issuance of a permit in approval thereof constitutes a water right. A water right is established only by beneficial use of water in accordance with the terms and conditions of the permit. This report provides a record of the development of your project. If the project is diligently completed a license will be issued to confirm the right developed by beneficial use.

1. Has construction work commenced? Yes
2. Has all construction work been completed? No If not, give estimated date of completion 1970
3. 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 spent
4. What construction work remains to be done to complete the project? Replacement of pipeline from valvebox to Indian Village.
5. Has use of water commenced? Yes Amount (if known)
6. Has use of water, as to both amount and season, been as great as you expect in any future year under this permit? No
7. During what months was water used in 1965 under this permit? All
8. Has location of the intake or place of use been changed? No
9. Did the source go dry? No If so, during what months?
10. Did your reservoir spill this year? Yes If not, how many feet below crest vertically was the water level at maximum storage? Have you emptied the reservoir? No If not, how many feet below crest vertically was it drawn down at end of season?
11. You should keep complete records of your use of water in your own files. Please supply information below concerning your use of water.
    (a) ☐ Irrigation — Total acres irrigated — Name crops served and acreage of each
    (b) ☐ Stockwatering — Number of animals
    (c) ☐ Industrial — Nature of use
    (d) ☒ Domestic — 3,000 people per day-peak week; 5 acres of lawn, shrubs & trees — Number of persons, Area of garden, lawn, etc.
    (e) ☐ Municipal — Approximate population
    (f) ☐ Mining — Method of water use
    (g) ☐ Recreational — Nature of use
    (h) ☐ Power — Installed horsepower capacity
    (i) ☐ Other
12. The project has been abandoned and I request revocation of this permit. ☐ Yes ☒ No

REMARKS All water developments under applications 10,001, 10,002 and 10,118 Furnace Creek and 10,119 Texas Spring is being studied, designed and constructed to provide one comingled water supply for the Federal developments in that area.

Date December 13, 1965 Sign Here William N. Burgen
Permittee
William N. Burgen Acting Superintendent
Death Valley National Monument

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

YEAR 1965

SWRB 15 (REV. 7-65) 81662-857 7-65 6M ⓓ GSP

06-02-1965: receipt number 19904 for $10.00 cash petition fee ; june 02, 1965

Resources Bldg.
Room 1140 • 9th & O Sts.

STATE OF CALIFORNIA
STATE WATER RIGHTS BOARD
SACRAMENTO 7, CALIFORNIA

Receipt No. 19904

Date June 2, 1965 ($ 10.00)

Received ($)

☒ Cash ☐ Money Order ☐ Check *(Receipt contingent upon collection)*

Dept. of the Interior
U.S. Death Valley National Monument
c/o Manuel Morris - Acting Regional Chief
Div. of Land & Water Rights
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

Re APPLICATION 10119

☐ Deposit ☐ Balance ☒ Full

Recordation Fee	$	Application No.	$
Verification—Fee	$	Permit Fee	$
Expense	$	Permit Extension Fee	$
	$	Petition Fee	$ 10.00
☐ Uncleared Collections		Additional Fee on Charges	$
☐ Application		Certification Fee	$
☐ Proof of Claim		Copying—Comparing	$
☐ Adjudication Apportionment		Proof of Claim Fee	$
☐ Verification Advance		Adjudication Apportionment	$
☐ Other		Refund—Verification	$
		Other	$

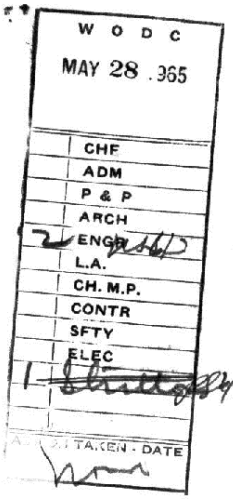
STATE WATER RIGHTS BOARD

LESLIE C. JOPSON, *Chief Engineer*

By Betty L. Rathbun
Title

FORM 300
47168 11-58 20M QUIN ® SPO

05-28-1965: in accordance with telephone discussions held with mr. j. victor ; may 28, 1965



Western Region
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

L-54

May 28, 1965

Docket 6

Mr. L. K. Hill
Executive Officer
State Water Rights Bureau
9th & O Streets
Sacramento, California 95814

Dear Mr. Hill:

In accordance with telephone discussions held with Mr. J. Victor Scammon of your office, I am enclosing the listed materials pertaining to Application 10119, Permit 5755, Texas Spring, Death Valley.

1. Request for license.

2. Petition for change in place of use.

3. $10.00 petition filing fee in cash.

4. Reproducible map.

The receipt for cash payment should be returned directed to my attention as early as possible. Correspondence in connection with the approval of petition and issuance of license should be sent directly to the Superintendent at Death Valley.

Sincerely yours,

(Sgd) Manuel Morris

Manuel Morris
Acting Regional Chief
Division of Land and Water Rights

Enclosures

cc:
Supt., Death Valley
Director w/enclosures
Chief, WODC (2) w/enclosures

P.S. Also enclosed are the Superintendent's transmittal memorandum and a reduced-sized microfilm print in lieu of the item No. 4 above. All these materials should be placed in Water Rights Docket No. 6, Death Valley.

04-09-1965: enclosed is a request for license together with the petition for change in place of use ; april 09, 1965

RECEIVED
NPS WESTERN REGIONAL
OFFICE
APR 13 03

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

April 9, 1965

IN REPLY REFER TO:
L54

Memorandum

To: Regional Director, Western Region

From: Superintendent, Death Valley

Subject: Water Rights, Application 10119, Permit 5755

Enclosed is a Request for License together with the Petition for Change in Place of Use. This constitutes our request for license for 0.078 cps of water from Texas Spring.

Please duplicate this material where necessary and forward the originals together with the enclosed mylar foil to the State Water Rights Board.

John A. Aubuchon

Enclosures 3

90

04-09-1965: petition for change in place of use; april 09, 1965

PETITION FOR CHANGE IN PLACE OF USE

Atta $10.00 filing fee with petition for changes

Application 10119 Permit 5755 License - - -

State Water Rights Board
1401 - 21st Street
Sacramento, California

Gentlemen:

United States, Department of the Interior, Death Valley National Monument hereby request permission to change the place of use as described in the above numbered filing to a place described as follows and as shown on the map herewith submitted:

At Texas Spring Campground within SE¼ of SE¼, SW¼ of SE¼ and SE¼ of SW¼ of Section 15;
(Give acreage to be irrigated within each 40-acre tract)

At Museum, Visitors Center and Headquarters office within NE¼ of SE¼, NW¼ of SE¼, SW¼ of SE¼ and SE¼ of SE¼ of Section 16; and

At Indian Village within NE¼ of SW¼ and NW¼ of SE¼ of Section 21, all within T27N R1E, SBB&M.

GIVE REASON FOR PROPOSED CHANGE: The Museum, Visitor's Center and Headquarters offices were not actually constructed on the land as described in Permit 5755 and water was therefore never used at that location.

WILL THE OLD PLACE OF USE BE ABANDONED? (see above answer)
(Answer "Yes" or "No")

WATER WILL BE USED FOR domestic, recreational, and fire protection PURPOSES.

Control of the place of use proposed is by virtue of ownership
(Ownership, lease, agreement)

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

The persons affected by or interested in the proposed change are as follows: none Known

(Name) (Address)

Very truly yours,

(Date)

John A. Aubuchon (Signature) Superintendent
Death Valley National Monument

Chapter 254, Statutes of 1955 requires a $10.00 filing fee with petition for changes.
Form 105
5-7-57

03-05-1965: enclosed are progress report by permittee ; march 05, 1965

Western Region
450 Golden Gate Avenue, Box 36063
San Francisco, California 94102

L-54
Docket 24
" 3
" 4
" 5
" 6✓

March 5, 1965

Mr. L. K. Hill, Executive Officer
State Water Rights Board
1416 Ninth Street
Sacramento, California 95814

Dear Mr. Hill:

Enclosed are PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1964 for the following at Death Valley National Monument:

Application	8,423,	Permit No.	4645
"	10,001	Ditto	5738
"	10,002	"	5739
"	10,118	"	5754
"	10,119	"	5755.

Sincerely yours,

(Sgd) Manuel Morris

Manuel Morris
Hydraulic Engineer

Enclosures

cc:
Director, w/incls.
Chief, WODC (2), w/incls.
Supt., Death Valley, w/incls.

P.S. to Docket Holders: Add to docket files as follows:

Application	8,423,	Docket	24
"	10,001,	"	3
"	10,002,	"	4
"	10,118,	"	5
"	10,119,	"	6

87

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

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1964

OWNER OF RECORD: APPLICATION 10119

U S DEATH VALLEY NATL MONUMENT
DEATH VALLEY,
CALIF 92328

Indicate Corrections Above If the Owner or Address Shown Are Incorrect

SOURCE: (1) TEXAS SPRING A (2) TEXAS SPRING B
(3) TEXAS SPRING C (4) UNNAMED TUNNEL
(5) (6)
(7)

PERMIT 5755

Neither the filing of an application nor issuance of a permit in approval thereof constitutes a water right. A water right is established only by beneficial use of water in accordance with the terms and conditions of the permit. This report provides a record of the development of your project. After use of water is complete, an inspection will be made and license issued for the amount of water actually put to use under the terms and conditions of the permit.

1. Has the project been abandoned? No Has construction work commenced? Yes
2. Has all construction work been completed? No If not, give estimated date of completion 1970
3. 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
4. What construction work remains to be done to complete the project? Pipe system to connect sources in Furnace Creek. Replacement of pipeline from valvebox to Indian Village.
5. Has use of water commenced? Yes
6. Has use of water, as to both amount and season, been as great as you expect in any future year under this permit? No
7. During what months was water used in 1964 under this permit? All
8. Has location of the intake or place of use been changed? No
9. Did the source go dry? No If so, during what months?
10. Did your reservoir spill this year? Yes If not, how many feet below crest vertically was the water level at maximum storage? Have you emptied the reservoir? No If not, how many feet below crest vertically was it drawn down at end of season?
11. You should keep complete records of your use of water in your own files. Please supply information below concerning your use of water.
    (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 3,000 people per day - Peak week — Number of persons; 5 acres lawn, shrubs & trees — Area of garden, lawn, etc.
    (e) ☐ Municipal — Approximate population
    (f) ☐ Mining — Method of water use
    (g) ☐ Recreational — Nature of use
    (h) ☐ Power — Installed horsepower capacity
    (i) ☐ Other

REMARKS All water development under applications 10,001, 10,002, and 10,118 Furnace Creek and 10,119 Texas Spring is being studied, designed and constructed to provide one commiggled water supply for the Federal developments in that area.

Date February 17, 1965 Sign Here John A. Aubuchon Superintendent
Death Valley National Monument

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

YEAR 1964

FORM 67 27060-687 8-64 5M © GSP

08-20-1964: an order has been entered granting an extension of time until december 1, 1965 ; august 20, 1964

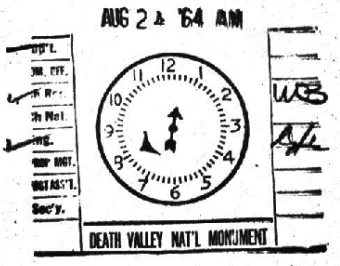
STATE OF CALIFORNIA—RESOURCES AGENCY

EDMUND G. BROWN, Governor

STATE WATER RIGHTS BOARD

P. O. BOX 1592 • 1401 21st ST. • SACRAMENTO

KENT SILVERTHORNE, Chairman
RALPH J. McGILL, Member
W. A. ALEXANDER, Member



AUG 20 1964

EXTENSION FILED WDB

Death Valley National Monument
Death Valley
California

Subject: Application 10119, Permit 5755 DOCKET 6 TERRA SPRING

Gentlemen:

An order has been entered granting an extension of time until December 1, 1965, to complete application of water to the proposed use under this permit.

Please attach the enclosed copy of the order to your copy of the permit.

Sincerely,

L. K. Hill

L. K. Hill
Executive Officer

Enclosure
Certified

Docket 6 LS

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

ORDER

APPLICATION 10119 PERMIT 5755 LICENSE

ORDER GRANTING EXTENSION OF TIME
WITHIN WHICH TO COMPLETE USE OF WATER

The State Water Rights Board having determined that good cause has been shown for an extension of time within which to complete application of water to the proposed use under Permit 5755 , said Board having approved such extension and having directed that this order be issued;

NOW THEREFORE IT IS ORDERED that an extension of time be, and the same is, hereby granted until December 1, 1965 , within which to complete application of water to the proposed use under said permit.

Witness my hand and the seal of the State Water Rights Board this 20th day of August, 1964

L. K. Hill
L. K. Hill
Executive Officer

STATE WATER RIGHTS BOARD CALIFORNIA

04-09-1964: enclosed are extension petitions and an order-invoice-voucher ; april 09, 1964

E

W O D C
APR 13 1964

	CHF
	ADM
	PERS
	P & P
	ARCH
	ENGR
	L. A.
	SPEC
	CONT
	SFTY
	HABS
ACTION TAKEN - DATE	

EXTRA FILE COPY

WESTERN REGIONAL OFFICE
150 New Montgomery Street
San Francisco, California 94105

154

April 9, 1964

Mr. L. K. Hill
Executive Officer
State Water Rights Board
P. O. Box 1552
1401 - 21st Street
Sacramento, California

Dear Mr. Hill:

Enclosed are Extension Petitions and an Order-Invoice-Voucher in the amount of $25.00 for the following Water Rights Applications at Death Valley National Monument.

Application - 8423
" - 10001
" - 10002
" - 10118
" - 10119 - Docket 6

(SGD) JAMES M. SILER

James M. Siler
Regional Chief, Division of
Land and Water Rights

Enclosures Waiving

cc:
Director w/o of incoming
Superintendent, Death Valley w/o of incoming
Chief, WORM (2) w/o of incoming

84

STATE OF CALIFORNIA - STATE WATER RIGHTS BOARD

Application 10119 Permit 5755

EXTENSION PETITION

NOTE: A reasonable extension of time may be obtained upon a showing of good cause. Section 779 of the California Administrative Code, Title 23, Waters, provides that sickness, lack of finances or other conditions incident to the person and not to the enterprise will not generally be accepted as good cause for delay while weather conditions and conditions which are incident to the project itself may be accepted as good cause for delay. A fee of $5 is required for each permit petitioned.

A. If construction work has not commenced within the time allowed under the permit, an extension of such commencement date may be petitioned by completing Items 1, 2 and 3.

1. Approximate total amount of money spent in connection with the project to date $_____. What was the money spent for?_____

2. Estimated date of commencement of construction_____

3. Reasons why construction was not begun within the time allowed by the permit_____

B. If construction work and/or use of water is proceeding but is not fully complete, an extension of time may be petitioned by completing Items 4, 5, 6, 7, 8, 9 and 10.

4. A ([redacted]), ([redacted]), (3-year) extension of time is requested for completion of construction work and/or beneficial use of water. (Indicate period of time desired).

5. Approximate total amount spent on project to date $ [redacted].

6. Approximate amount spent during last extension period $[redacted].

7. Approximate per cent of construction work complete to date [redacted].

8. Estimated date of completion of construction work 1968.

9. Estimated year in which full use of water will be made 1975.

10. Reasons why construction and/or use of water was not completed within time previously allowed: Final design and construction of the water system are dependent upon a long term study of water resources to determine the effect of National Park diversions upon other diversions in the area and provide one commingled water supply for the Federal Developments in the area.

DATE April 9, 1964 Signature (SGD) JAMES M. SILER

Regional Chief, Division of Land and Water Rights

THIS COMPLETED PETITION MUST BE ACCOMPANIED BY A FEE OF $5

Form 67-H

STATE OF CALIFORNIA—RESOURCES AGEN... EDMUND G. BROWN, Governo...

STATE WATER RIGHTS BOARD
P. O. BOX 1592 • 1401 21st ST. • SACRAMENTO

KENT SILVERTHORNE, *Chairman*
RALPH J. McGILL, *Member*
W. A. ALEXANDER, *Member*

L 54
Death

April 7, 1964

United States Department of the Interior
National Park Service
Western Regional Office
180 New Montgomery Street
San Francisco, California 94105

Subject: Applications 8423, 10001, 10002, 10118 and 10119
Water Rights to Springs in Death Valley
Your File L54

Attention: Mr. James M. Siler, Regional Chief
of Land and Water Rights

Gentlemen:

Thank you for your letter of March 30 reminding us that we had failed to send expiration notices in connection with the permits which were issued in approval of these applications.

The enclosed forms may be completed and returned together with the required filing fees.

Upon receipt of the completed forms and total filing fee of $25, the matter of extending the development dates will be placed before the Board for consideration.

Sincerely,

L. K. Hill

L. K. Hill
Executive Officer

Enclosures

83

WESTERN REGIONAL OFFICE
180 New Montgomery Street
San Francisco, California 94105

L54

March 30, 1964

SLW
Reed
9/1/64

Mr. L. K. Hill
Executive Officer
State Water Rights Board
P. O. Box 1598
Sacramento, California

Dear Mr. Hill:

We note that the "Order Granting Extension of Time within which to complete Construction and Use" for the following applications expired on December 31, 1963. The applications are for use of water at Death Valley National Monument.

Application 10001 Furnace Creek Wash
Application 10002 Furnace Creek Wash
Application 10118 Furnace Creek Wash
Application 10119 Texas Spring

To date this office has not received a notice of these expirations so have not as yet requested additional time for studies, design and construction of our vital water supply systems in this area. We shall appreciate it if you will advise us as to the status of the foregoing applications and furnish us with the proper forms for the requests for extensions of time.

Sincerely yours,

James M. Siler
Regional Chief of Land
and Water Rights

cc:
Director
Superintendent, Death Valley
Chief, WORC (2)

DEVA

12-11-1963: enclosed are progress reports for the year 1963 ; december 11, 1963

Western Regional Office
150 New Montgomery Street
San Francisco, California 94105

L-5h
Dockets 1,3,4,5,6 December 11, 1963
21,22,24,25,27,28

Mr. L. K. Hill
Executive Officer
State Water Rights Board
P. O. Box 1392
Sacramento, California

Dear Mr. Hill:

Enclosed are progress reports for the year 1963 for the following applications all at Death Valley National Monument.

Application 18499, Docket 1 - Navarez Spring
Application 10001, Docket 3 - Furnace Creek Wash
Application 10002, Docket 4 - Furnace Creek Wash
Application 10118, Docket 5 - Furnace Creek Wash
Application 10119, Docket 6 - Texas Spring
Application 16096, Docket 21 - Tarantula Spring
Application 19539, Docket 22 - Covered Spring, Wee Spring
Application 16138, Docket 23 - Chuckar Spring
Application 6421, Docket 24 - Unnamed Spring
Application 17639, Docket 25 - Nine Cliff Spring
Application 19482, Docket 27 - Ranger Spring
Application 19538, Docket 28 - Mesquite Spring

Sincerely yours

(SGD) JAMES M. SILER

James M. Siler
Regional Chief of Lands

Enclosure
Progress Reports

cc:
Director
Superintendent, Death Valley
Chief, WSDC (2)

81

03-11-1963: enclosed are the progress reports for the year 1962 for app ; march 11, 1963

Western Region
180 New Montgomery
San Francisco 5, California

Ketcham

154
Dockets
3,4,5,6,24

March 11, 1963

Mr. L. K. Hill
Executive Officer
State Water Rights Board
P. O. Box 1592
Sacramento, California

Dear Mr. Hill:

Application 10001, Permit 5738, Furnace Creek Wash,
Docket No. 3
Application 10002, Permit 5739, Furnace Creek Wash,
Docket No. 4
Application 10118, Permit 5754, Furnace Creek Wash,
Docket No. 5
Application 10119, Permit 5755, Texas Spring
Docket No. 6
Application 8423, Permit 4645, Unnamed Spring,
Docket No. 24

Enclosed are the progress reports for the year 1962 for Applications 10001, 10002, 10118, 10119 and 8423 all at Death Valley National Monument.

Sincerely yours,

(Sgd.) Richard W. Ketcham

Richard W. Ketcham
Acting Regional Chief of Lands

Enclosures 5

cc: Superintendent, Death Valley w/c of report
Director w/c of report
Chief, WORC (2) w/c of report
b.c. Mr. Merriam

RWKetcham:lsr 3/11/63

80

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

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1963

OWNER OF RECORD: APPLICATION 10119

U S DEATH VALLEY NATL MONUMENT
DEATH VALLEY, CALIF

Indicate Corrections Above If the Owner or Address Shown Are Incorrect

SOURCE: (1) TEXAS SPRING A (2) TEXAS SPRING B
(3) TEXAS SPRING C (4) UNNAMED TUNNEL
(5) (6)
(7)

PERMIT 5735

Neither the filing of an application nor issuance of a permit in approval thereof constitutes a water right. A water right is established only by beneficial use of water in accordance with the terms and conditions of the permit. This report provides a record of the development of your project. After use of water is complete, an inspection will be made and license issued for the amount of water actually put to use under the terms and conditions of the permit.

1. Has the project been abandoned? No Has construction work commenced? yes
2. Has all construction work been completed? No If not, give estimated date of completion 1965
3. State approximate cost of construction work on this project during the past 12 months $500.00
   Describe briefly the portions of the project upon which the above amount was expended
   Valve Box Constructed
4. What construction work remains to be done to complete the project? Pipe system to connect sources in Furnace Creek (Applications 10,001, 10,002, and 10,118) See remarks.
5. Has use of water commenced? Yes
6. Has use of water, as to both amount and season, been as great as you expect in any future year under this permit? No
7. Has location of the intake or place of use been changed? No
8. Did the source go dry? No If so, during what months?
9. Did your reservoir spill this year? Yes If not, how many feet below crest vertically was the water level at maximum storage? Have you emptied the reservoir? No If not, how many feet below crest vertically was it drawn down at end of season?
10. You should keep complete records of your use of water in your own files. Please supply information below concerning your use of water.
    (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 — 3,000 people per day-peak week; Number of persons; 5 acres lawn, shrubs & trees; Area of garden, lawn, etc.
    (e) ☐ Municipal — Approximate population
    (f) ☐ Mining — Method of water use
    (g) ☐ Recreational — Nature of use
    (h) ☐ Power — Installed horsepower capacity
    (i) ☐ Other

REMARKS All water development under applications 10,001, 10,002, and 10,118 Furnace Creek and 10,119 Texas Spring is being studied, designed and constructed to provide one commingled water supply for the Federal developments in that area.

Date December 2, 1963 *Sign Here* John A. Aubuchon Superintendent
Death Valley National Monument

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

YEAR 1963

FORM 67

82206 7-62 4M ① SPO

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD
1401 21ST STREET, P. O. BOX 592
SACRAMENTO

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1962

OWNER OF RECORD:

APPLICATION 10119

The United States of America for
Death Valley National Monument

Superintendent
Death Valley National Monument
Death Valley, California

Indicate Corrections Above If the Owner or Address Shown Are Incorrect

SOURCE: (1) Texas Springs, A.B.C. and (2)
(3) Pacific Coast Borax (4)
(5) (6)

PERMIT 5755

Neither the filing of an application nor issuance of a permit in approval thereof constitutes a water right. A water right is established only by beneficial use of water in accordance with the terms and conditions of the permit. This report provides a record of the development of your project. After use of water is complete, an inspection will be made and license issued for the amount of water actually put to use under the terms and conditions of the permit.

1. Has the project been abandoned? no Has construction work commenced? yes
2. Has all construction work been completed? no If not, give estimated date of completion 1965
3. 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 none
4. What construction work remains to be done to complete the project? Pipe system to connect sources in Furnace Creek (Aplications 10,001, 10,002, and 10,118) See remarks
5. Has use of water commenced? Yes
6. Has use of water, as to both amount and season, been as great as you expect in any future year under this permit? no
7. Has location of the intake or place of use been changed? no
8. Did the source go dry? no If so, during what months?
9. Did your reservoir spill this year? If not, how many feet below crest vertically was the water level at maximum storage? Have you emptied the reservoir? If not, how many feet below crest vertically was it drawn down at end of season?
10. You should keep complete records of your use of water in your own files. Please supply information below concerning your use of water.
    (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 3,000 people per day-peak week — Area of ground, in lawn, etc. Lawn, shrubs & trees
    (e) ☐ Municipal — Approximate population
    (f) ☐ Mining — Method of water use
    (g) ☐ Recreational — Nature of use
    (h) ☐ Power — Installed horsepower capacity
    (i) ☐ Other

REMARKS All water development under applications 10,001, 10,002, and 10,118 Furnace Creek and 10,119 Texas Spring is being studied, designed and constructed to provide one commingled water supply for the Federal developments in that area.

THE UNITED STATES OF AMERICA

Date March 7, 1963

Sign Here
By: John A. Aubuchon — Permittee
Superintendent
Death Valley National Monument

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

YEAR 1962

FORM 67

66118 7-62 4M © SPO

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

ORDER

APPLICATION 10119 PERMIT 5755 LICENSE

ORDER GRANTING EXTENSION OF TIME WITHIN WHICH TO COMPLETE CONSTRUCTION AND USE

The State Water Rights Board having determined that good cause has been shown for an extension of time within which to complete construction work and application of water to the proposed use under Permit 5755, said Board having approved such extension and having directed that this order be issued;

NOW THEREFORE IT IS ORDERED that an extension of time be and the same is hereby granted until December 1, 1963, within which to complete construction work and application of water to the proposed use under said permit.

Witness my hand and the seal of the State Water Rights Board this 23 st day of May 1962

L. K. Hill

L. K. Hill
Executive Officer

02-19-1962: subject: receipts for permit extension fee ; february 19, 1962

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Death Valley National Monument
Death Valley, California

IN REPLY REFER TO:
L54

February 19, 1962

RECEIVED
NPS REGION FOUR OFFICE
FEB 21 62

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

Memorandum

To: Regional Director, Region Four

From: Superintendent, Death Valley

Subject: Receipts for Permit Extension Fee, Water Rights Applications

Attached are receipts from the State of California State Water Rights Board covering Permit Extension Fee on Applications 10002, 10118, 10119, 10001, 16138, 17839, 16096, 15539 and 8423.

Granville B. Liles
Superintendent

In duplicate

Attachments 9

77

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD
1401 21ST STREET. P. O. BOX 59:
SACRAMENTO

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1962

OWNER OF RECORD:

APPLICATION 10119

The United States of America for
Death Valley National Monument

Superintendent
Death Valley National Monument
Death Valley, California

Indicate Corrections Above If the Owner or Address Shown Are Incorrect

SOURCE: (1) Texas Springs, A. B. C. and (2)
(3) Pacific Coast Borax (4)
(5) (6)

PERMIT 5755

Neither the filing of an application nor issuance of a permit in approval thereof constitutes a water right. A water right is established only by beneficial use of water in accordance with the terms and conditions of the permit. This report provides a record of the development of your project. After use of water is complete, an inspection will be made and license issued for the amount of water actually put to use under the terms and conditions of the permit.

1. Has the project been abandoned? no Has construction work commenced? yes
2. Has all construction work been completed? no If not, give estimated date of completion 1965
3. 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 none
4. What construction work remains to be done to complete the project? Pipe system to connect sources in Furnace Creek (Aplications 10,001, 10,002, and 10,118) See remarks
5. Has use of water commenced? Yes
6. Has use of water, as to both amount and season, been as great as you expect in any future year under this permit? no
7. Has location of the intake or place of use been changed? no
8. Did the source go dry? no If so, during what months?
9. Did your reservoir spill this year? If not, how many feet below crest vertically was the water level at maximum storage? Have you emptied the reservoir? If not, how many feet below crest vertically was it drawn down at end of season?
10. You should keep complete records of your use of water in your own files. Please supply information below concerning your use of water.
    (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 3,000 people per day-peak week — Area of garden, lawn, etc. 5 acres-lawn, shrubs & trees
    (e) ☐ Municipal — Approximate population
    (f) ☐ Mining — Method of water use
    (g) ☐ Recreational — Nature of use
    (h) ☐ Power — Installed horsepower capacity
    (i) ☐ Other

REMARKS All water development under applications 10,001, 10,002, and 10,118 Furnace Creek and 10,119 Texas Spring is being studied, designed and constructed to provide one commingled water supply for the Federal developments in that area.

THE UNITED STATES OF AMERICA

Date March 7, 1963

Sign Here
By: John A. Aubuchon
Superintendent
Death Valley National Monument

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

YEAR 1962

FORM 67

69113 7-62 4M ⓘ SPO

02-14-1962: receipt number 15211 for $5.00 for permit extension fee ; february 14, 1962

STATE OF CALIFORNIA
STATE WATER RIGHTS BOARD
P. O. BOX 1592
SACRAMENTO 7, CALIFORNIA

Receipt No. 15211

Date Feb. 14, 1962 ($ 5.00)

Received ($)

☐ Cash ☐ Money Order ☒ Check *(Receipt contingent upon collection)*

U. S. Death Valley National Monument
Death Valley, California

Re APPLICATION 10119

☐ Deposit ☐ Balance ☒ Full

Recordation Fee	$	Application No.	$
Verification—Fee	$	Permit Fee	$
Expense	$	Permit Extension Fee	$ 5.00
	$	Petition Fee	$
☐ Uncleared Collections		Additional Fee on Charges	$
☐ Application		Certification Fee	$
☐ Proof of Claim		Copying—Comparing	$
☐ Adjudication Apportionment		Proof of Claim Fee	$
☐ Verification Advance		Adjudication Apportionment	$
☐ Other		Refund—Verification	$
		Other	$

STATE WATER RIGHTS BOARD

LESLIE C. JOPSON, *Chief Engineer*

By Elaine Garrett
Title

FORM 300
47168 11-56 20M QUIN © SPO

12-19-1961: enclosed are progress reports and notices of expiration ; december 19, 1961

180 New Montgomery
San Francisco 5, California

December 19, 1961

L54
Docket-DEVA
3,4,5,6

Mr. L. K. Hill
Executive Officer
State Water Rights Board
Box 1592
Sacramento, California

Dear Mr. Hill:

Enclosed are Progress Reports and Notices of Expiration for the following springs at Death Valley National Monument:

Application 10001, permit 5738, Furnace Creek Wash
Application 10002, permit 5739, Furnace Creek Wash
Application 10118, permit 5754, Furnace Creek Wash
Application 10119, permit 5755, Texas Spring

We are also enclosing our Purchase Order No. 34-330 to cover the filing fees for extensions of time under these applications. The needs for extensions are described in each of the Notices of Expiration.

Sincerely yours,

(SGN) LAWRENCE C. MERRIAM

Lawrence C. Merriam
Regional Director

Enclosures

Copy to: Director
Superintendent, Death Valley National Monument
Chief, WODC, (2)

MMorris:lsr

FILE COPY

76

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

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1961

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

SOURCE Texas Springs, A.B.C. and Pacific Coast Borax APPLICATION 10119

PERMIT 5755

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

1. Names of all parties who are owners of this permit The United States of America for Death Valley National Monument

MAILING ADDRESS Superintendent, Death Valley National Monument, Death Valley, Calif.

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 1965

4. State approximate cost of construction work on this project during the past 12 months $6,600

Describe briefly the portions of the project upon which the above amount was expended 1770 lineal feet of 3" pipeline

5. What construction work remains to be done to complete the project? Pipe system to connect sources in Furnace Creek (Applications 10,001, 10,002 and 10,118) See remarks

6. Has use of water commenced? yes State maximum rate of use if known .076 cfs

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 2,000 people per day-peak week 5 acres lawn, shrubs & trees (Area of garden, lawn, etc.)

(e) ☐ Municipal ____ (Approximate population)

(f) ☐ Mining ____ (Method of water use)

(g) ☐ Recreational ____ (Nature of use)

(h) ☐ Power ____ (Installed horsepower capacity)

(i) ☐ Other ____

7. During what months was water used in 1961? all 12 months

Do you expect to use it over a longer or different season in the future? ____

If so, state other months of use ____

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 1966

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

IF PROJECT INVOLVES STORAGE ANSWER 10 AND 11

10. Have you filled in your reservoir during the 1960-61 collection season—if not, do you expect to fill it in any one future collection season? does not apply How much of the stored water has been used? ____

Have you emptied the reservoir? ____ If not, have you drawn down the reservoir as far as you intend to use in any one season? ____ State acre-feet used if known ____

11. During which months was water collected in the reservoir? ____

THE UNITED STATES OF AMERICA

Sign Here Granville B. Ellis

By: Granville B. Ellis
Superintendent
Death Valley National Monument

Date December 13, 1961

(OVER)

YEAR 1961

FORM 67

44092-F 6-61 4M © SPO

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.

All water development under applications 10,001, 10,002, and 10,118 Furnace Creek and 10,119 Texas Spring is being studied, designed and constructed to provide one commingled water supply for the Federal developments in that area.

DO NOT WRITE IN THIS SPACE

STATE OF CALIFORNIA - STATE WATER RIGHTS BOARD

Application 10119 Permit 5755

NOTICE OF EXPIRATION

The time within which to complete construction work and/or to place the water to full beneficial use under the above-numbered water right application and permit has expired or will expire shortly. The following alternatives are available:

1. If sufficient water has been diverted to satisfy your requirements, the amount used will be determined by inspection during the next field season with a view to the issuance of license which is the final confirmation of the water right initiated by the application. A right cannot be acquired for an amount of water or for a season of diversion in excess of that allowed in the permit. With respect to use of water under the terms and conditions of the permit:

a. Have you used as much water heretofore as you expect to use in the future?

Yes ____ No X

b. Have you used the water for as long a season as you intend to? Yes X No ____

2. If the project has been abonded or if no progress has been made toward use of water the permit will be revoked upon request.

Should the permit be revoked? Yes ____ No X

3. If construction work and/or use of water are proceeding with due diligence but not fully complete, a reasonable extension of time may be obtained upon a showing of good cause. Section 777 of the California Administrative Code, Title 23, Waters, provides that sickness, lack of finance or other conditions incident to the person and not to the enterprise will not be accepted as good cause for delay while weather conditions and conditions which are incident to the project itself may be accepted as good cause for delay.

A 3-year extension of time is requested for completion of construction work and/or beneficial use of water. (Indicate period of time desired).

The following information should be supplied where an extension of time is requested.

1. Approximate total amount spent on project to date $92,000
2. Approximate per cent of construction work complete to date--90%
   A complete system is maintained with parts of old system.
3. Estimated date of completion of construction work--1965
4. Estimated year in which full use of water will be made--1966
5. Reasons why construction and/or use of water was not completed within time previously allowed:

Water is to be commingled with supplies under Furnace Creek Applications 10,001, 10,002 and 10,118. Final design of system is dependent upon a long term study of water resources to determine the effect of National Park Service diversions upon other diversions in the area and to determine the most efficient development of limited water supply.

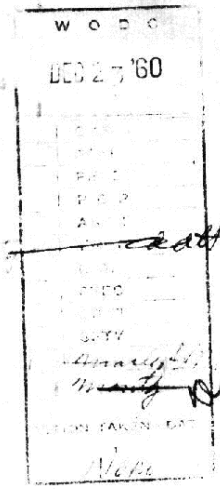
REQUEST FOR EXTENSION MUST BE ACCOMPANIED BY A FEE OF $5.00

Date December 13, 1961

SIGNATURE Granville B. Liles

Granville B. Liles
Superintendent
Death Valley National Monument

Form 67F



(2)

Death Valley National Monument
Death Valley, California

L54

December 20, 1960

AIR MAIL

Mr. L. K. Hill
State Water Rights Board
1401 21st Street
P. O. Box 1592
Sacramento 7, California

Dear Mr. Hill:

I am submitting completed Progress Reports, dated December 19, 1960, for the following applications:

Application 10001	Permit 5738
Application 10002	Permit 5739
Application 10118	Permit 5754
Application 10119	Permit 5755 - 6

Sincerely yours,

/s/ Granville B. Liles

Granville B. Liles
Superintendent

Attachments 4

Copy to: Regional Director, Region Four
Director w/attachments
Chief, WODC w/attachments

22

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

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1960

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

SOURCE Texas Springs, A.B.C. and Pacific Coast Borax APPLICATION 10119

PERMIT 5755

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

1. Names of all parties who are owners of this permit The United States of America for Death Valley National Monument

MAILING ADDRESS National Park Service, 180 New Montgomery St., San Francisco, Calif.

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

3. Has all construction work been completed? Yes If not, give estimated date of completion

4. State approximate cost of construction work on this project during the past 12 months $66,000

Describe briefly the portions of the project upon which the above amount was expended 500,000 gallon reservoir and portion of pipeline

5. What remains to be done to complete the project?

6. Has use of water commenced? Yes State amount used if known .078 cfs

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 (Number of persons)

(d) ☒ Domestic 3,000 people per day - peak week 5 acres lawn, shrubs & trees (Number of persons, Area of garden, lawn, etc.)

(e) ☐ Municipal (Approximate population)

(f) ☐ Mining (Method of water use)

(g) ☐ Recreational (Nature of use)

(h) ☐ Power (Installed horsepower capacity)

(i) ☐ Other

7. During what months was water used in 1960? All 12 months

Do you expect to use it over a longer or different season in the future?

If so, state other months of use

8. *Have you used as much water this year as you expect to use in any future year under this permit?* Yes

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

9. Has location of the intake or place of use been changed? Yes

IF PROJECT INVOLVES STORAGE ANSWER 10 AND 11

10. Have you stored as much water in your reservoir during the 1959-60 collection season as you expect to store in any future collection season? does not apply 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? does not apply

Sign Here Granville B. Iden

Granville B. Idles, Superintendent
Death Valley National Monument

Date 12-19-60

(OVER)

YEAR 1960

FORM 67

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.

All water development under Applications 10,001, 10,002 and 10,118 Furnace Creek, and 10,119 Texas Spring is being studied, designed and constructed to provide one commingled water supply for the Federal developments in that area.

DO NOT WRITE IN THIS SPACE

03-25-1960: attached is a copy of an order by the state water rights board granting extension ; march 25, 1960

Return to Spaulding
for filing DV Docket 6

March 25, 1960

Spaulding LSS
Whitworth
Wosk

L 54

Memorandum

To: Superintendent, Death Valley

From: Regional Director, Region Four

Subject: Water Right Application 10119, Texas Spring, Docket 6,
Death Valley National Monument

Attached is a copy of an order by the State Water Rights Board granting an extension of time until December 1, 1961 within which to complete construction and application of water to the proposed use under the subject application.

With the completion this month of the reservoir and pipeline to the Visitor Center and the commencement of irrigation at the Visitor Center we believe that beneficial use of all the water (.078 cfs or 35 gpm) can be shown. We suggest that the Texas Spring system be reported complete on the annual report due next October and that the application proceed to licensing.

We expect that a petition to change the place of use from that described on the original (1941) application will be necessary. With your and Mr. Dunn's concurrence we will prepare such a petition.

The attached order should be filed at the top of Part II of Docket 6.

FILE COPY

(SGN) LAWRENCE C. MERRIAM

Regional Director

Attachment

Copy to: Director (2)(with copy of order)
Chief, WORC (2)(with copy of order)

LSSpaulding:lq

66

File Docket 6

Edmund G. Brown
Governor

STATE OF CALIFORNIA

State Water Rights Board

1401 21st STREET
P. O. BOX 1592
SACRAMENTO 7, CALIFORNIA

KENT SILVERTHORNE, CHAIRMAN
W. P. ROWE, MEMBER
RALPH J. McGILL, MEMBER

L. K. HILL
EXECUTIVE OFFICER

MAR 16 1960

RECEIVED
NPS REGION FOUR OFFICE
MAR 17 '60

	SURNAME	DATE
REG. DIR.		
ASST. R.D.		
OPERATIONS	[illegible]	3/17
ADMIN.		
RECREATION		
INTERP.		
RANGER ACT.		

X Spaulding LSS 3/23

orders reproduced & distributed see 3 memos to Supt. DV on 3/23

Applications 8423, Permits 4645
10119 5755
10002 5739
10118 5754
10001 5738

U. S. Death Valley National Monument
Regional Director
National Park Service
180 New Montgomery Street
San Francisco, California

Gentlemen:

Orders have been entered granting extensions of time until December 1, 1961, within which to complete construction work and application of water to the proposed use under the above-numbered permits.

It is suggested that the enclosed copies of the orders be attached to your copies of the permits.

Very truly yours,

L. K. Hill

L. K. Hill
Executive Officer

Enc.
Cert.

65

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

ORDER

per memo 3/25/60

APPLICATION 10119 PERMIT 5755 LICENSE

ORDER GRANTING EXTENSION OF TIME WITHIN
WHICH TO COMPLETE CONSTRUCTION AND USE

The State Water Rights Board having determined that good cause has been shown for an extension of time within which to complete construction work and application of water to the proposed use under Permit 5755 ; said Board having approved such extension and having directed that this order be issued;

NOW THEREFORE IT IS ORDERED that an extension of time be, and the same is hereby granted until December 1, 1961, within which to complete construction work and application of water to the proposed use under said permit.

Witness my hand and the seal of the State Water Rights Board this 16th day of March, 1960

L. K. Hill
L. K. Hill
Executive Officer

12-07-1959: enclosed herewith is your voucher signed as instructed ; december 07, 1959

COPY file DEVA Docket 6

Edmund G. Brown
Governor

STATE OF CALIFORNIA

State Water Rights Board

KENT SILVERTHORNE, CHAIRMAN
W. P. ROWE, MEMBER
RALPH J. McGILL, MEMBER

1401 21st STREET
P. O. BOX 1592
SACRAMENTO 7, CALIFORNIA

L. K. HILL
EXECUTIVE OFFICER

December 7, 1959

Applications 10001, 10002,
10118, 10119

COPY

U. S. Department of the Interior
National Park Service, Region 4
180 New Montgomery Street
San Francisco 5, California

Attention: Mr. John B. Wosky
Regional Chief of Operations

Re L54

Gentlemen:

Enclosed herewith is your voucher signed as instructed to cover request for extensions of time in connection with Applications 10001, 10002, 10118 and 10119, Permits 5738, 5739, 5754 and 5755, to appropriate unappropriated water of the State of California in Inyo County.

Further action in the matter will await receipt of the necessary fees.

Very truly yours,

L. K. Hill

L. K. Hill
Executive Officer

Enc.

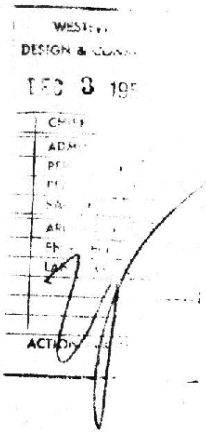
64

12-02-1959: attached are the following: progress reports for the year 1959 ; december 02, 1959

(3)

Region Four
180 New Montgomery Street
San Francisco 5, California

December 2, 1959



Mr. L. K. Hill
Executive Officer
State Water Rights Board
P. O. Box 1598
Sacramento, California

Re: Application 10,001 Furnace Creek
Application 10,002 Furnace Creek
Application 10,116 Furnace Creek
Application 10,119 Towne Spring -6
Death Valley National Monument

Dear Mr. Hill:

Attached are the following:

1. Progress Reports for the year 1959 for each of the referenced applications.

2. Request for extensions of time for each of the referenced applications.

3. Purchase Order in the amount of $50.00 to cover filing fees for extensions of time.

4. Voucher in the amount of $50.00 to cover filing fees for extension of time.

Please sign the voucher (attachment 4) and return it to this office for payment.

Very truly yours,

John B. Veihy
Regional Chief of Operations

Copy to: Director (2) w/attachments 1 and 2)
Superintendent (w/attachments 1 and 2)
Chief, WSIC (2)(w/attachments 1 and 2)

63
KN

DEVA Docket 6

STATE OF CALIFORNIA - STATE WATER RIGHTS BOARD

Application 10119 Permit 5705

NOTICE OF EXPIRATION

The time within which to complete construction work and/or to place the water to full beneficial use under the above-numbered water right application and permit has expired or will expire shortly. The following alternatives are available:

1. If sufficient water has been diverted to satisfy your requirements, the amount used will be determined by inspection during the next field season with a view to the issuance of license which is the final confirmation of the water right initiated by the application. A right cannot be acquired for an amount of water or for a season of diversion in excess of that allowed in the permit. With respect to use of water under the terms and conditions of the permit:

(a) Have you used as much water heretofore as you expect to use in the future?

Yes ____ No X

(b) Have you used the water for as long a season as you intend to? Yes X No ____

2. If the project has been abandoned or if no progress has been made toward use of water the permit will be revoked upon request.

Should the permit be revoked? Yes ____ No X

3. If construction work and/or use of water are proceeding with due diligence but not fully complete, a reasonable extension of time may be obtained upon a showing of good cause. Section 777 of the California Administrative Code, Title 23, Waters, provides that sickness, lack of finance or other conditions incident to the person and not to the enterprise will not be accepted as good cause for delay while weather conditions and conditions which are incident to the project itself may be accepted as good cause for delay.

A ~~(request), (petition)~~, (3-year) extension of time is requested for completion of construction work and/or beneficial use of water. (Indicate period of time desired).

The following information should be supplied where an extension of time is requested:

1. Approximate total amount spent on project to date $ 19,400 (Texas Spring System only).
2. Approximate per cent of construction work complete to date 90% (" " " ").
3. Estimated date of completion of construction work 1960.
4. Estimated year in which full use of water will be made 1961.
5. Reasons why construction and/or use of water was not completed within time previously allowed:

Water is to be commingled with supplies under Furnace Creek Applications 10,001, 10,002 and 10,118. Final design of system is dependent upon a long term study of water resources to determine the effect of National Park Service diversions upon other diversions in the area and to determine the most efficient development of limited water supply.

REQUEST FOR EXTENSION MUST BE ACCOMPANIED BY A FEE OF $5.00

Date December 2, 1959

SIGNATURE (SGD) JOHN B. WOSKY

John B. Wosky
Regional Chief of Operations

Form 67F

DEVA Docket 6

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

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1959

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

SOURCE Texas Springs, A.B.C. and Pacific Coast Borax APPLICATION 10119

PERMIT 5755

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

1. Names of all parties who are owners of this permit The United States of America for Death Valley National Monument

MAILING ADDRESS National Park Service, 180 New Montgomery St., San Francisco, Calif.

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 1965

4. State approximate cost of construction work on this project during the past 12 months $16,800

Describe briefly the portions of the project upon which the above amount was expended See remarks

5. What remains to be done to complete the project? See remarks

6. Has use of water commenced? Yes State amount used if known .02 to .078 cfs

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

(a) [x] Irrigation Scattered shrubs and trees in campground (Total acres irrigated; Name crops served and acreage of each)

(b) [ ] Stock watering (Number of animals) (f) [ ] Mining (Method of water use)

(c) [ ] Industrial (Nature of use) (g) [ ] Recreational (Nature of use)

(d) [x] Domestic est. 50,000 visitor-days (Number of persons; Area of garden, lawn, etc.) (h) [ ] Power (Installed horsepower capacity)

(e) [ ] Municipal (Approximate population) (i) [ ] Other

7. During what months was water used in 1959? All 12 months

Do you expect to use it over a longer or different season in the future?

If so, state other months of use

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 1966

9. Has location of the intake or place of use been changed? Yes see remarks

IF PROJECT INVOLVES STORAGE ANSWER 10 AND 11

10. Have you stored as much water in your reservoir during the 1958-59 collection season as you expect to store in any future collection season? 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?

(SGD) JOHN B. WOSKY
Sign Here (Permittee)
John B. Wosky
Regional Chief of Operations

Date December 2, 1959

(OVER)

YEAR 1959

FORM 57

83048-C 3-59 3500 ① SPO

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.

All water development under Applications 10,001, 10,002 and 10,118 Furnace Creek, and 10,119 Texas Spring are being studied, designed and constructed to provide one commingled water supply for the Federal developments in that area.

4. A study of water resources by the U. S. Geological Survey was continued. As part of the investigation a test well was drilled and a pumping test made. A portion of the main pipeline from the existing Texas Spring System to the Furnace Creek Visitor Center was constructed.

5. Remaining work: a. Construction of 500,000 gal. reservoir and portion of pipeline bids opened October 15, 1959; low bid $63,397.00.

b. Diversion works and remainder of pipeline.

6. An exploratory diversion trench, constructed in 1957 and enlarged in 1958 diverts 0.35 cfs. Until the water can be put to use by the National Park Service and to avoid flooding State Highway Route 190 the water is diverted into the irrigation system of the Death Valley Hotel Company.

DO NOT WRITE IN THIS SPACE

154-GEN

WESTERN OFFICE
DESIGN & CONSTRUC
JUN 29 1959
CHIEF
ADMIN ASSIST.
PERSONNEL
PLANS & PROG.
SAFETY
ARCHITECT
ENGR.
LAND. ARCH.
ACTION TAKEN—DATE

June 25, 1959

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Extensions of Time, Water Rights, Death Valley

Attached are your copies of the orders granting the following extensions of time in which to perfect water rights. Copies are also being sent to WCBC, and the originals are going to the Superintendent. The orders should be filed in the indicated dockets, all of which relate to the use of waters of Furnace Creek and Texas Springs. A copy of the cover letter of June 4 from the State Water Rights Board is also attached.

(Block in dockets)

Application 10,001, Permit 5738, Docket 3, Furnace Creek
Application 10,002, Permit 5739, Docket 4, Furnace Creek
Application 10,118, Permit 5754, Docket 5, Furnace Creek
Application 10,119, Permit 5755, Docket 6, Texas Spring

You will note that the extensions are only until this next December 1. The annual progress reports and requests for licensing or extensions of time are due in October. Mr. Kunkel's report on the November pump test is due in July, and I hope it is early in the month. You also have plans to construct the 500,000 gallon reservoir, 6 inch distribution main, and 2 inch supply line from Texas Spring, to serve the new Museum area, but not until fall.

Your memoranda of April 14 and June 22 concerning the $81,250 project have been causing concern in various offices because of limited funds; and the misunderstanding of some, as to the effect any construction may have on water rights which may not be fully resolved for several years if the new well cannot be used without reducing spring flows used by the Borax Company. It will help matters if any part of the system can be reported as under contract or construction by October. The Reservoir will be needed for any form of development. I consider the 2 inch pipe from Texas Spring as a justifiable $5,000 expenditure even if only for temporary use of a year or two. Although not suggested by you, I also believe that a temporary 2 inch connection from the pipeline to the Indian Village, to the Museum, would be justified until funds for the 6 inch line can be provided, if necessary.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachments 5

Copy to: Superintendent, Death Valley, with 5 attachments
Chief, WCBC (2), w/o 5 attachments

60
KU

STATE OF CALIFORNIA

State Water Rights Board

HENRY HOLSINGER, CHAIRMAN
W. A. ROWE, MEMBER
RALPH J. McGILL, MEMBER

L. K. HILL
EXECUTIVE OFFICER

1001 I STREET
P. O. BOX 1962
SACRAMENTO 7, CALIFORNIA

JUN 4 '59

Applications 10001, 10002, 10118, 10119
Permits 5738, 5739, 5754, 5755

United States-Death Valley National Monument
c/o Mr. A. van V. Dunn
National Park Service
Department of Interior
Washington 25, D.C.

Gentlemen:

Orders have been entered granting extensions of time until December 1, 1959, within which to complete construction work and application of water to the proposed use under the above-numbered permits.

It is suggested that the enclosed copies of the orders be attached to your copies of the permits.

Very truly yours,

L. K. Hill

L. K. Hill
Executive Officer

Enc.
Cert.

59

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

Docket 6

ORDER

APPLICATION 10119 PERMIT 5755 LICENSE

See ltr. 6-25-59

ORDER GRANTING EXTENSION OF TIME WITHIN WHICH TO COMPLETE CONSTRUCTION AND USE

The State Water Rights Board having determined that good cause has been shown for an extension of time within which to complete construction work and application of water to the proposed use under Permit 5755 ; said Board having approved such extension and having directed that this order be issued;

NOW THEREFORE IT IS ORDERED that an extension of time be, and the same is hereby granted until December 1, 1959, within which to complete construction work and application of water to the proposed use under said permit.

Witness my hand and the seal of the State Water Rights Board this 4th day of June, 1959

L. K. Hill

L. K. Hill
Executive Officer

COPY

STATE OF CALIFORNIA
STATE WATER RIGHTS BOARD
1401 21st Street
P.O.Box 1592
Sacramento 7, California

February 6, 1959

Applications 10001, 10002, 10118, 10119, 15381

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

Dear Mr. Dunn:

Receipt is acknowledged of your letter of January 21, 1959, supplying additional information as to the plans of the Park Service in its water supply development in the Death Valley National Monument. It is noted that you urge that extension of time under the permit on Application 15381 be considered rather than license action to allow more complete use to be made from one of the sources named therein, and that you also urge reconsideration of the proposed one year extensions on the permits on the other four applications.

In reviewing the file of Application 15381 further question has been raised as to whether the development at Lower Emigrant Spring and at Pioneer Spring will completely control the water supply in those areas so that it would be unavailable as a source of water for local animal and bird life or for human consumption at the source. In this regard the State WaterRights Board has adopted a policy requiring all applicants seeking permits to appropriate from springs in the desert areas of the State to give assurance that the develop ment will not prevent such use at the source of the water supply. Recent permits issued by the Board have been conitioned for this purpose.

It is appreciated that Application 15381 has already been permitted and that insertion of a condition of this type at this time would be improper without the consent of the permittee. How ever, we would like to know your position in regard to the matter and to have you consider complying with this policy of the Board even though it is not a part of the permit. Enclosed are copies of letters recently addressed to various applicants prior to permit action on their applications suggesting a wording for a permit condition for this purpose. No objection has been received from any of the applicants, and the condition has been included in the permits that have been issued.

COPY COPY

Your plans in this regard and your views in regard to applying the policy to applications of the National Park Service in desert areas of California will be appreciated.

Yours very truly,

/s/ L. K. Hill

L. K. Hill
Executive Officer

Enc.

cc. Senator C. Brown

CB

L54-CHL

AIR MAIL

January 21, 1959

Mr. L. K. Hill, Executive Officer
State Water Rights Board
P. O. Box 1592
Sacramento 7, California

Re: Applications 10,001, 10,002, 10,118 and 10,119, Permits 5738, 5739, 5754 and 5755, Furnace Creek and Texas Springs; and Application 15381, Permit 9604, Lower Emigrant and Pioneer Springs
Death Valley National Monument

Dear Mr. Hill:

We request that you reconsider the one year extensions of time in which to complete construction of the Furnace Creek-Texas Spring water system which were suggest in your letter of January 12. We hope to complete construction within one or two years from this date, but requested three year extensions to eliminate the need for further extensions of time to complete construction.

We have drilled a well on the synclinal axis, which is mentioned in our Progress Reports of last October, since those reports and the requests for extension of time were made. The test or exploratory well was drilled to a depth of 246 feet, intercepting most of the water between depths of 76 and 186 feet, and pumped at 375 gpm during an 84 hour test.

WESTERN OFFICE
DESIGN & CONSTRUCTION
JAN 23 1959
CHIEF

Under our MISSION 66 development program, we are attempting to provide public facilities in excess of those contemplated in 1940 when the subject applications were filed, including Federal units and the Furnace Creek Inn and Ranch of the Death Valley Hotel Company, successor to the Pacific Coast Borax Company. All of these developments, as they will be expended, are dependent on the waters of Furnace Creek and the tributary Travertine Springs, Texas Spring, and the Cow Creek Springs which are covered by Applications 9509, 9510 and a recently filed supplemental application.

The flow of Furnace Creek and Texas and Travertine Springs has proved to be more limited than anticipated, and apparently derived from a greater underground flow along the aforesaid synclinal axis.

SG
KW

We are attempting to locate the basic source of the water, and develop a new source of supply for the Federal developments which will not conflict with the Hotel Company diversions from Furnace Creek and Travertine Springs, with necessary amendment of the Federal claims.

No copy of the enclosed Geological Survey Report by Pistrang and Kunkel of the Geological Survey appears to have been sent to you, as intended, with my letter, reports and requests of October 10, 1958. Also enclosed is a copy of Public Law 495 of July 2, 1958 (72 Stat. 295). We have proved the existence of the water along the synclinal axis. We have not determined the extent to which it provides a supplemental supply for allocation in compliance with Public Law 495, and further investigation is being deferred until the Geological Survey completes an analysis of the test well and pump tests of late November. Completion of the water system design and construction, and probable water right amendments, must also be deferred.

We should also prefer to defer proof for the license under Application 15,381, Permit 9604, because we could now only make proof of full use of water of Lower Emigrant Spring which is in excess of the water used by the General Hotel Company under License No. 2430. As indicated in Application 15,381 the water system was completed by 1943 to divert Lower Emigrant and Pioneer Springs. All that water was available until about the end of 1946, but there has been limited flow from Lower Emigrant and practically none from Pioneer Spring in most years since, as suggested by the precipitation records given in the 1958 Progress Report. We wish to preserve the claim to the full quantity of water until we can make proof or make a change in point of partial diversion.

Sincerely yours,

[redacted]

A. van V. Dunn
Chief, Water Resources Section

Enclosures 2

Copy to: Regional Director, Region Four, w/c incoming
Superintendent, Death Valley, w/c incoming
Chief, WCBC, w/c incoming

56

01-12-1959: this will acknowledge your progress reports and requests for extension in connection ; january 12, 1959

L 54

STATE OF CALIFORNIA

State Water Rights Board

HOLSINGER, CHAIRMAN
OWE, MEMBER
J. McGIE, MEMBER

[4011 STATE STREET]
P. O. BOX 1982
SACRAMENTO 7, CALIFORNIA

L. K. HILL
EXECUTIVE OFFICER

January 12, 1959

Applications 10001, 10002, 10118, 10119, 15381
Permits 5738, 5739, 5754, 5755, 9604

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

Dear Mr. Dunn:

This will acknowledge your progress reports and requests for extension in connection with the above-numbered permits.

We are proceeding with extensions on Permits 5738, 5739, 5754 and 5755 for an additional year. We note, however, the statements in your progress report on Application 15381, Permit 9604, that water is used in all months and the available water supply is fully used during the peak of the tourist season. Inasmuch as the amount of water on which license is based is the average daily use during a week of maximum use, it would appear that the full amount under Permit 9604 has already been used. Under the circumstances it would appear that perhaps license should be issued rather than a further extension.

In view of the foregoing, will you please advise us as to whether you wish to have the project inspected with a view towards issuance of license or whether you wish to press for further extension.

Very truly yours,

L. K. Hill
L. K. Hill
Executive Officer

Reg. 4

10-10-1958: enclosed are the 1958 progress reports ; october 10, 1958

154-L

curres (4)

October 10, 1958

State Water Rights Board
P. O. Box 1598
Sacramento, California

Gentlemen:

Enclosed are the 1958 Progress Reports, and requests for extensions of time in which to perfect rights in Death Valley National Monument:

Application 10,001, Permit 5738 - Furnace Creek
Application 10,002, Permit 5339 - Furnace Creek
Application 10,118, Permit 5754 - Furnace Creek
Application 10,119, Permit 5755 - Texas Springs - 6
Application 15,381, Permit 9604 - Lower Emigrant and Pioneer Springs

WESTERN OFFICE
DESIGN & CONSTRUCTI
OCT 14 1958A.
CHIEF
ADMIN.ASSIST.
PERSONNEL
PLANS & PROG.
SAFETY
ARCHITECT
ENGINEER
LAND. ARCH.
ACTION TAKEN—DATE

Also enclosed are a purchase order and voucher for $[illegible] to cover the fee of $5.00 for each extension of time. The voucher should be signed and returned for payment.

The other forms for reports on water use in Death Valley, Pinnacles, and Yosemite, which have been received to date, have been forwarded to our Regional Director, Region Four, at 180 New Montgomery Street, San Francisco. A regional unit has been established to handle most California water right matters which will assume progressively more responsibility during the next year or two, and can now give better details of progress on those water developments for which the forms have been forwarded.

Very truly yours,

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Enclosures 12

Copy to: Regional Director, Region Four
Superintendent, Death Valley
Chief, WRDC
Each with 10 attachments - Please file attachments in proper dockets 3, 4, 5, 6 and 9

FILE Rt. Side DEVA Docket #6

STATE CALIFORNIA - STATE WATER RIGHTS BOARD 254

Application 10119 Permit 5755

NOTICE OF EXPIRATION

The time within which to complete construction work and/or to place the water to full beneficial use under the above-numbered water right application and permit has expired or will expire shortly. The following alternatives are available:

1. If sufficient water has been diverted to satisfy your requirements, the amount used will be determined by inspection during the next field season with a view to the issuance of license which is the final confirmation of the water right initiated by the application. A right cannot be acquired for an amount of water or for a season of diversion in excess of that allowed in the permit. With respect to use of water under the terms and conditions of the permit:

(a) Have you used as much water heretofore as you expect to use in the future? ___ Yes X No

(b) Have you used the water for as long a season as you intend to? X Yes ___ No

2. If the project has been abandoned or if no progress has been made toward use of water the permit will be revoked upon request.

Should the permit be revoked? ___ Yes X No

3. If construction work and/or use of water are proceeding with due diligence but not fully complete, a reasonable extension of time may be obtained upon a showing of good cause. Section 777 of the California Administrative Code, Title 23, Waters, provides that sickness, lack of finance or other conditions incident to the person and not to the enterprise will not be accepted as good cause for delay while weather conditions and conditions which are incident to the project itself may be accepted as good cause for delay.

A ~~(1-year), (2-year),~~ (3-year) extension of time is requested for completion of construction work and/or beneficial use of water. (Indicate period of time desired).

The following information should be supplied where an extension of time is requested:

1. Approximate total amount spent on project to date $ See 1958 Progress Report.
2. Approximate per cent of construction work complete to date 10 % of construction. A complete system is maintained with parts of old system.
3. Estimated date of completion of construction work 1960.
4. Estimated year in which full use of water will be made 1960.
5. Reasons why construction and/or use of water was not completed within time previously allowed:

For reasons explained in 1958 progress report, proper design and construction cannot be completed until the sources of supply are sufficiently defined to permit the maximum efficient development of the limited supply to serve the Federal and Hotel Company needs, which are both essential to the MISSION 66 development to provide adequate public facilities for the estimated visitor use of Death Valley National Monument in 1966.

REQUEST FOR EXTENSION MUST BE ACCOMPANIED BY A FEE OF $5.00

Date OCT 10 1958

SIGNATURE (SGD.) A. VAN [illegible]

Chief, Water Resources Section

Form 67F

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

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1958

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

SOURCE Texas Springs, A.B.C. and Pacific Coast Borax APPLICATION 10119

PERMIT 5755

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

1. Names of all parties who are owners of this permit The United States of America for Death Valley National Monument

   MAILING ADDRESS Dept. of the Interior, 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 See remarks

   Describe briefly the portions of the project upon which the above amount was expended See remarks

5. What remains to be done to complete the project? See remarks

6. Has use of water commenced? Yes State amount used if known 0.070 a.f. / or -

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

   (a) [X] Irrigation — Total acres irrigated — Name crops served and acreage of each
   (b) [ ] Stock watering — Number of animals
   (c) [ ] Industrial — Nature of use
   (d) [X] Domestic — Number of persons; Area of garden, lawn, etc.
   (e) [ ] Municipal — Approximate population
   (f) [ ] Mining — Method of water use
   (g) [ ] Recreational — Nature of use
   (h) [ ] Power — Installed horsepower capacity
   (i) [ ] Other

7. During what months was water used in 1957? All months

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

   If so, state other months of use --

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 1966

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 1957-58 collection season as you expect to store in any future collection season? How much of the stored water has been used? See remarks

    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? See remarks

Sign Here (SGD.) A. VAN [illegible] OBRIEN
Permittee
Chief, Water [illegible]

Date [Oct 10, 1958]

(OVER)

YEAR 1958

FORM 67

79361 4-58 3500 ① SPO

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.

All water developments under Applications 10,001; 10,002 and 10,118 Furnace Creek and 10,119 Texas Springs, are now being studied, redesigned and constructed to provide adequate, controlled, water supply for the present developments in the area. The study includes a federal reconnaissance investigation by the Geological Survey, exploratory trenching and boring in Furnace Creek Wash and one or more test wells in the combined area, which have been recommended by the Geological Survey. The ultimate objective is to complete the Furnace development with minimum control, from the present diversion and use of water by the Death Valley Hotel Company, successor to the Pacific Coast Borax Company, and to adjust any conflicts in water rights.

Approximately $12,000 have been spent during the past year in the continued investigation and report by the Geological Survey, and extension of exploratory trenching and test bores in Furnace Creek Wash. Bid bids are to be opened on October 14 for the drilling and test pumping of from one to three test wells, for which more than $30,000 is reserved. Work is also now in progress on the reconstruction of the Texas Springs Water System (Application 10,119) with $27,500 obligated, and $18,000 are reserved for the start of further design and construction of the Furnace Creek System (Applications 10,001; 10,002, and 10,118) when the results of the investigations are evaluated.

The Texas Spring supply has been, and must be maintained in continuous service to serve existing facilities with a normal supply of about 0.045 sec.ft., and probable peak during the Easter season of about 0.078 sec.ft. The well designated in Applications 10,001; 10,002 and 10,118 has failed, either because of drought conditions (see precipitation records in 1958 report under Application 15,381, Permit 9604), or because of conflicting upstream improvements by the Death Valley Hotel Company. Approximately 0.85 sec.ft. of water has been recovered at aforesaid exploratory trench, with incompletely determined effects on lower diversions of the Death Valley Hotel Company. That water is being temporarily delivered to the Company irrigation system during further observation of the flow at all headgates. Regulatory storage capacity will apparently have to be several times the 100,000 gallons covered by Applications 10,001; 10,002; and 10,118, and the point of diversion, thereunder, will evidently have to be changed in accordance with plans which cannot yet be completed.

DO NOT WRITE IN THIS SPACE

Goodwin J. Knight
Governor

STATE OF CALIFORNIA

State Water Rights Board

HENRY HOLSINGER, Chairman
W. P. ROWE, Member
RALPH J. McGILL, Member

1401 21st STREET
P. O. BOX 1925
SACRAMENTO 7, CALIFORNIA

L. K. HILL
Executive Officer

MAY 26 '58

Applications	Permits	
15381	9604 DV	9
10119	5755	6
9509	5380	2
10118	5754	5
10002	5739	4
10001	5738	3

U.S. Death Valley National Monument
c/o Mr. A. Van V. Dunn
National Park Service
Department of Interior
Washington 25, D.C.

Gentlemen:

Orders have been entered granting extensions of time until December 1, 1958 within which to complete construction work and application of water to the proposed use under the above numbered permits.

It is suggested that the enclosed copies of the orders be attached to your copies of the permits.

Very truly yours,

L. K. Hill
L. K. Hill
Executive Officer

Enc.
Cert.

Docket 675

File 454 Docket 6
DEVA

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

ORDER

APPLICATION 10810 PERMIT 7725 LICENSE

ORDER GRANTING EXTENSION OF TIME WITHIN WHICH TO COMPLETE CONSTRUCTION AND USE

Good cause having been shown therefor, it is ordered that an extension of time be and the same is hereby granted until December 1, 1958 within which to complete construction work and application of water to the proposed use under said permit.

WITNESS my hand and the seal of the State Water Rights Board this 26 th day of May, 1958

L. K. Hill

L. K. Hill
Executive Officer

FORM 100

51465 1 58 1M SPO

10-29-1957: attached are a copy of our letter of transmittal to the state water rights board; october 29, 1957

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Water Right Applications 8423 (Docket 24); 9709 (Docket 2); 10,001 (Docket 3); 10,002 (Docket 4); 10,118 (Docket 5); 10,119 (Docket 6); and 15,381 (Docket 9), Death Valley

Attached are a copy of our letter of transmittal to the State Water Rights Board, and your copies of our annual reports and requests for extensions of time as therein listed. The reports and requests for extensions of time should be filed in the dockets indicated above. Copies are being sent to the Superintendent and WCDC for similar disposition.

It is my intention to notify the California Water Rights Board, Oregon State Engineer, and Washington Supervisor of the Division of Water Resources to send the forms for future reports to your office as soon as Mr. Spaulding becomes familiar with what each state requires and what I have done to date. He is in a much better position to assemble the data. He should review the applications and reports in all dockets, and start a follow-up record of when the next action is due under rights in all dockets for each area in the Region. The filing fees are small, and are paid from Account 3W7, from which his salary and other expenses are now paid.

Some of the reports may be based on obsolete data in this office. If I have omitted any construction during the past year, I should be advised in case more argument becomes necessary to obtain extensions of time, and should also be listed on a temporary attachment in the docket for inclusion in the next annual report.

In connection with the Furnace Creek applications, I have said as little as possible about conflicting interests of the Borax Company. There seems to be general agreement among those with whom I have talked that the Park Service will not wish to assert Federal claims superior to those which the Company can actually support by past beneficial use, as suggested by Mr. Burke. However, there are no official directives at this time, and I do not know what negotiations, if any, we may have with the Company.

WESTERN OF
DESIGN & CONST
OCT 31 195
CHIEF
ADMIN.ASSIST.
PERSONNEL
PLANS & PROG
SAFETY
ARCHITECT
ENGINEER
LAND. ARCH.
ACTION TAKE

48 KN

The copy of letter of October 16 to Mr. Wurts from Mr. Johnston has arrived while I was preparing the reports. The one omitted point is that Messrs. Wurts and Rumbel should not be restricted in recommendations by the existence of conduit easements of the Borax Company. We are looking for undiverted water wherever it may be. I am quite certain we should extend the 120 foot trench to each side of the wash. I am not sure whether Mr. Rumbel will also recommend deeper exploration, by trench or wells, but consider it quite possible.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachments

Copy to: Superintendent, Death Valley
Chief, WSSC (2)
Field Solicitor McClellan (2)

48

10-29-1957: enclosed are the annual progress reports; october 29, 1957

Mr. Harvey O. Banks, State Engineer
State Water Rights Board
1401 - 21st Street
P. O. Box 1592
Sacramento, California

Re: Applications 8423; 9509; 10,001; 10,002; 10,118; 10,119; and 15,381 Death Valley

Dear Mr. Banks:

Enclosed are the annual progress reports on developments under each of the designated water right applications; requests for extensions of time on all except Application 8423, for which such a request was filed last year; and a purchase order and voucher for $30.000 to cover the prescribed fees for the requests for extensions of time at $5.00 each. The voucher should be signed and returned to this office for payment.

In connection with the requests for extensions of time, also please refer to my letter of May 1 concerning most of the developments. The most urgent needs are for additional water in the area between Furnace Creek and Cow Creek, where extensive additional water using facilities have already been started, and where the water system developments have had to be deferred until further exploration of the underground sources is completed. To date we have not found the unused underground flow or source of that flow which is partially diverted by the Pacific Coast Borax Company on its Furnace Creek Inn tract, down stream. It is apparently necessary to explore more deeply to determine the full quantity of available water, which is less than, or deeper than, that found in 1941.

Very truly yours,

SIGNED

A. van W. Dunn
Chief, Water Resources Section

Enclosures 14

Copy to: Regional Director, Region Four
Superintendent, Death Valley
Field Solicitor McClellan (2)
Chief, WORC (2)

48

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

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1957

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

SOURCE Texas Springs, A.B.C. and Pacific Coast Borax APPLICATION 10119

PERMIT 5755

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

1. Names of all parties who are owners of this water right The United States of America for Death Valley 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 $7,500

Describe briefly the portions of the project upon which the above amount was expended for investigation and study by Geological Survey of water resources of Furnace Creek and Texas Springs.

5. What remains to be done to complete the project? See reverse

6. Has use of water commenced? Yes State amount used if known At least 0.045 sec.ft.

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 No reliable figures — Number of persons; Area of garden, lawn, etc.

(e) ☐ Municipal — Approximate population

(f) ☐ Mining — Method of water use

(g) ☐ Recreational — Nature of use

(h) ☐ Power — Installed horsepower capacity

(i) ☐ Other

7. During what months was water used in 1957? 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 Inapplicable

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 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 1956-57 collection season as you expect to store in any future collection season? Inapplicable 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? Inapplicable

United States of America
Sign Here by A. van V. Dunn, Chief Water Resources Sec.
National Park Service

Date October 23, 1957

(OVER)

YEAR 1957

FORM 67

54166 4-57 3500 ⓘ BPO

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.

5. System has been constructed to serve domestic needs, but now needs replacement and enlargement to permit incidental irrigation use. The enlargement is not justified until domestic use increases or more adequate supply can be provided for irrigation by commingling with water from Furnace Creek under Applications 10,001; 10,002; and 10,118.

6.(a) There are times, such as Easter, when full use of the water may be made, but it is impossible to determine what percentage of the campers use the Federal water system and that of the Borax Company.

6. This water system serves existing normal domestic needs, but the residual is inadequate for incidental irrigation needs. Full use of the water will be made as soon as a supplemental supply from Furnace Creek, under Applications 10,001; 10,002; and 10,118 can be commingled and distributed to additional public facilities now being constructed. The plans for the supplemental supply are being deferred pending completion of investigations and explorations which are now in progress.

DO NOT WRITE IN THIS SPACE

STATE O[illegible]ALIFORNIA - STATE WATER RIGHT[illegible]OARD

Application 10119 Permit 5755

NOTICE OF EXPIRATION

The time within which to complete construction work and/or to place the water to full beneficial use under the above-numbered water right application and permit has expired or will expire shortly. The following alternatives are available:

1. If sufficient water has been diverted to satisfy your requirements, the amount used will be determined by inspection during the next field season with a view to the issuance of license which is the final confirmation of the water right initiated by the application. A right cannot be acquired for an amount of water or for a season of diversion in excess of that allowed in the permit. With respect to use of water under the terms and conditions of the permit:

(a) Have you used as much water heretofore as you expect to use in the future? ___ Yes x No

(b) Have you used the water for as long a season as you intend to? x Yes ___ No

2. If the project has been abandoned or if no progress has been made toward use of water the permit will be revoked upon request.

Should the permit be revoked? ___ Yes x No

3. If construction work and/or use of water are proceeding with due diligence but not fully complete, a reasonable extension of time may be obtained upon a showing of good cause. Section 777 of the California Administrative Code, Title 23, Waters, provides that sickness, lack of finance or other conditions incident to the person and not to the enterprise will not be accepted as good cause for delay while weather conditions and conditions which are incident to the project itself may be accepted as good cause for delay.

A (x[illegible]3-year) extension of time is requested for completion of construction work and/or beneficial use of water. (Indicate period of time desired).

The following information should be supplied where an extension of time is requested:

1. Approximate total amount spent on project to date $16,616 / part of $7,900 investigation
2. Approximate per cent of construction work complete to date 85%.
3. Estimated date of completion of construction work 1960.
4. Estimated year in which full use of water will be made 1962.
5. Reasons why construction and/or use of water was not completed within time previously allowed:

Full domestic use depends on continued increase in Monument attendance. Reconstruction and enlargement dependent on related construction of supplemental diversions from Furnace Creek under Applications 10,001; 10,002; and 10,118 which are deferred pending water resources investigation and exploration which are now in progress.

REQUEST FOR EXTENSION MUST BE ACCOMPANIED BY A FEE OF $5.00

Date October 23, 1957

SIGNATURE United States of America

by A. van V. Dunn, Chief, Water Resources Sec.
National Park Service

Form 67F

4

STATE of CALIFORNIA—STATE WATER RIGHTS BOARD

ORDER

APPLICATION 10119 PERMIT 5955 LICENSE

ORDER GRANTING EXTENSION OF TIME WITHIN WHICH TO COMPLETE CONSTRUCTION AND USE

Good cause having been shown therefor, it is ordered that an extension of time be and the same is hereby granted until December 1, 1957 within which to complete construction work and application of water to the proposed use under said permit.

Witness the hand and seal of the State Water Rights Board this 19th day of December, 1956.

STATE WATER RIGHTS BOARD

By Leslie C. Jopson
Leslie C. Jopson
Chief Engineer

C&U

02-01-1956: reference is made to the recent request by your office for an extension of time ; february 01, 1956

HARVEY O. BANKS, State Engineer
Chief of Division

FRANK B. DURKEE
Director

STATE OF CALIFORNIA
Department of Public Works
SACRAMENTO

ADDRESS REPLY TO
DIVISION OF WATER RESOURCES
P. O. BOX 1076
SACRAMENTO 5
PUBLIC WORKS BUILDING
1120 N STREET

February 1, 1956

Applications 6729, 9509, 10001, 10002
10118, 10119, 10276

RECEIVED WITH MEMO OF 2/14/56

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

Dear Mr. Dunn:

Reference is made to the recent request by your office for an extension of time to complete construction work and full beneficial use of water under the following applications and permits:

Appl.	Permit			Docket No.
6729	3549	Yosemite N. P.	Raynor Creek	Yos. 1
9509	5380	Death Valley N. M.	Cow Creek	D.V. 2
10001	5738	"	Furnace Creek	D.V. 3
10002	5739	"	"	D.V. 4
10118	5754	"	"	D.V. 5
10119	5755	"	Texas Springs	D.V. 6
10276	5891	"	Wildrose Spring	D.V. 7

In view of the length of time that these filings have been in permit status it is believed that an inspection of each project by one of our engineers should be made before acting on the request for extension. Accordingly the applications have been listed for inspection during the coming field season. Ample advance notice of the date of inspection will be given to enable a local representative of the agency involved to be present.

Very truly yours,

HARVEY O. BANKS, STATE ENGINEER

By L. C. Jopson
L. C. Jopson
Assistant State Engineer

10-14-1955: notice of expiration ; october 14, 1955

Application 10119 Permit 5755

The time within which to complete the project under the above-numbered filing has expired or will expire shortly. You have the following alternatives:

1. If use of water is complete, both as to amount and as to season of use, so indicate and the project will be listed for license inspection. Is use of water complete? ____ Yes X No

2. If the project has been abandoned or if you have made no progress toward completion, so indicate and the permit will be revoked. Has project been abandoned? ____ Yes X No

3. If you are proceeding with due diligence but the project is not complete, you may request an extension of time. Section 1546 of the Water Code, added by Chapter 254, Statutes of 1955, now requires that all requests for extension of time be accompanied by a filing fee of $5.00. A request for extension of time can be requested by completing the remainder of this form.

____ 1 year
____ 2 years
X 3 years

is hereby requested for completion of construction work and/or completion of beneficial use of water.

Section 1398 of the Water Code provides that the period specified in the permit for beginning construction work, for completion of construction work, for application of the water to beneficial use, or any or all of these periods may, for good cause shown, be extended by the Department. Section 777 of the California Administrative Code provides that sickness, lack of finances, or other conditions incident to the person and not to the enterprise will not be accepted as good cause for delay, while weather conditions and conditions which are incident to the project itself may be accepted as good cause for delay.

1. Approximate total amount expended on project to date $ *$5,000 plus.

2. Approximate per cent of project that has been completed 85%.

3. State estimated date of completion 1965.

4. Give reasons why project was not completed within time allowed:

The full development and use of this water system is not justified until related development of Furnace Creek Wash is made under Applications 10001, 10002, and 10118 because quantity of available water is too small for some uses without supplemental supply.

* Advice of expenditures on rehabilitation of this development has not been received from our field office.

REQUEST FOR EXTENSION MUST BE ACCOMPANIED BY A FILING FEE OF $5.00

DATE OCT 1 4 1955

SIGNATURE Gordon Roberts
Acting Chief, Water Resources Section, [illegible] Service

STATE OF C[illegible]ORNIA—DEPARTMENT OF PU[illegible] 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 Tecoa Springs, A.B.C. and Pacific Coast Borax APPLICATION 10219

PERMIT 9755

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 at Death Valley 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 About 1958

4. State approximate cost of construction work on this project during the past 12 months $16,500 allotted

Describe briefly the portions of the project upon which the above amount was expended plans in progress for rehabilitation (see note on reverse)

5. What remains to be done to complete the project? Irrigation system

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 business)

(d) ☐ Domestic 2 (Number of persons) see note on reverse (Area of garden, lawn, etc.)

(e) ☐ Mining ____ (Method of water use)

(f) ☐ Recreational ____ (Nature of use)

(g) ☐ Power ____ (Installed horsepower capacity)

(h) ☐ Municipal ____ (Population)

7. During what months was water used in 1955? All [illegible] 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 1958

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? How much of the stored water has been used? [illegible]

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 [illegible]

11. During which months was water collected in the reservoir? [illegible]

(SGD) GORDON W. ROBERTSON
Acting Chief, Water Resources Div., Natl. Park Serv.

OCT 14 1955
Date

(OVER)

INSTRUCTIONS

YEAR 1955

FORM 67

22229 8-55 4M © 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.

due to cold soil, it has been necessary to provide extended funds for pipeline replacements with increased facilities for public use. This system serves an undetermined, but very large number of campers the fall equipment and my adjacent suitable open at Easter season. Full use of water, however, is not possible until supplemental supply under applications 10,011, 10,012 and 10,113 become there is restriction later for greatest irrigation.

DO NOT WRITE IN THIS SPACE

STATE OF C ORNIA—DEPARTMENT OF P C WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER
SACRAMENTO 5

Docket 6

DO YOU HAVE IT IN TRIPLICATE?

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1954

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 for instructions and for space to submit additional information.

APPLICATION 10119 PERMIT 5955 SOURCE Texas Springs, A, B, C and Pacific Coast Borax

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

1. Names of all parties who have an interest in the water right United States of America at Death Valley National Monument

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 About 1958

4. State approximate cost of construction work on this project during the past 12 months $16,500 allotted

Describe briefly the portions of the project upon which the above amount was expended plans in progress for rehabilitation (see note on reverse)

5. What remains to be done to complete the project? Irrigation system

6. Has use of water commenced? Yes

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) ☐ Power ____ Installed capacity

(c) ☐ Industrial ____ Nature of use

(d) ☒ Domestic See note on reverse ____ Number of persons ____ Area of garden, lawn, etc.

(e) ☐ Mining ____ Method of water use

(f) ☐ Recreational ____ Nature of use

(g) ☐ Stockwatering ____ Number of animals

(h) ☐ Municipal ____ Approximate population

7. During what months was water used in 1954? 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 under this permit? No

If not, estimate year in which use will be full and complete About 1958

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

IF PROJECT INVOLVES STORAGE ANSWER 10 & 11

10. Have you stored as much water in your reservoir as you expect to store? ____

How much of the water has been used? Not applicable

Have you emptied the reservoir? ____ If not, have you used all the water that you intend to use in any one season? ____

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

SIGN HERE ____ Permittee

Date Nov. 12, 1954 Chief, Water Resources Sec., Natl. Park Servic

(OVER)

YEAR 1954

FORM 67

95809 8-54 4M © SPO

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.

Due to acid soil, it has been necessary to provide aforesaid funds for pipeline replacements with increased facilities for public use. This system serves an undetermined, but very large number of campers who fill campground and any other adjacent suitable space at Easter season. Full use of water, however, is not possible until supplemental supply under Applications 10,001, 10,002 and 10,118 because there is insufficient water for practical irrigation.

DO NOT WRITE IN THIS SPACE

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

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1953

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 10119 PERMIT 5795 SOURCE Texas Springs, A.B.C. and Pacific Coast Borax

1. *Name* of present owner of permit United States of America (for Death Valley 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
   The Furnace Creek diversions, under Applications 10,001, 10,002, and 10,118 must be provided as supplemental supply to permit irrigation.
5. If additional construction is required please indicate date when it will be complete About 4 years
6. Describe any construction work done during the past 12 months and state the estimated cost including labor
   None. The National Park Service and Borax Consolidated, Ltd. (Pacific Coast Borax Company) have negotiated terms by which to clarify access of each to the source of supply, the final instruments now being in review status.
7. Has use of water commenced? No If so, describe use made during the past 12 months Water has been used for domestic and sanitary purposes at Texas Spring Campground and Death Valley Village since before Application 10119 was filed, but proposed irrigation and planting have proved impractical until supplemental water is provided under Applications 10,001, 10,002, and 10,118.
   If permit is for irrigation, state acreage irrigated; if for domestic use, state number of families 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? No.
    If not, when will such use be full and complete? 4 or 5 years.
    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.

If project involves storage answer 12 and 13

12. Have you filled your reservoir and subsequently used the water? Yes
13. During which months was water collected in the reservoir? Regulatory storage maintained continuously.

United States of America
By (SGD.) A. VAN V. DUNN
Chief, Water Resources Branch
National Park Service

Date October 16, 1953

SIGN HERE _____ Permittee

(OVER)

YEAR 1953

FORM 67

52376 7-53 4M SPC

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

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

File
Death Valley Crochet Co

ORDER

APPLICATION 10119 PERMIT 5755 LICENSE

ORDER GRANTING EXTENSION OF TIME TO COMPLETE USE OF WATER

WHEREAS good cause has been shown wherefore an extension of time should be allowed for the application of the water to complete beneficial use under Application 10119, Permit 5755,

NOW THEREFORE IT IS ORDERED that an extension of time be and the same is hereby granted until December 1, 1955, within which to apply the water to complete beneficial use under said application and permit.

WITNESS my hand and the seal of the Department of Public Works of the State of California this 11thday of June, 1953.

A. D. Edmonston
State Engineer

FORM 100

72998 1-53 5M SPO

6

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

DV Docket 6

PROGRESS REPORT BY PERMITTEE FOR THE YEAR 1952

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 10119 PERMIT 5755 SOURCE Texas Springs, et al

1. *Name* of present owner of permit United States of America (for Death Valley 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
   the Furnace Creek diversions, under applications 10,001; 10,002; and 10,118 must be provided as supplemental supply to permit irrigation.
5. If additional construction is required please indicate date when it will be complete About 4 years
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? No If so, describe use made during the past 12 months Water has been
   (If permit is for irrigation, state acreage irrigated; if for domestic use, state number of persons served, etc.)
   used for domestic and sanitary purposes at Texas Spring Campground and Indian Village since before application 10119 was filed, but proposed irrigation and planting have proved impractical until supplemental water is provided under Applications 10,001; 10,002; and 10,118.
8. During which months was water used? All 12 months
9. Will water be used during any other months No.

If project involves storage answer 10 and 11

10. Have you filled your reservoir and subsequently used the water? Yes
11. During which months was water collected in the reservoir? Regulatory storage maintained continuously
12. 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? 4 or 5 years
    If necessary, use the reverse side of this sheet to explain your answers in this paragraph.
13. 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 Nov. 4, 1952

SIGN HERE UNITED STATES OF AMERICA
By A. van V. Dunn
Permittee
A. van V. Dunn
Chief, Water Resources Branch
National Park Service

(OVER)

YEAR 1952

FORM 67

65476 7-52 1M SPO

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

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

Death Valley docket No. 6

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 10119 PERMIT 5755 SOURCE Texas Springs, A B C and Pacific Coast Borax

1. *Name* of present owner of permit United States of America (for Death Valley National Monument)
   Address National Park Service, Washington 25, D. C.
2. Has the project been abandoned? No 3. Is construction *complete*? Yes
4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
   The full use of the authorized quantity of water will require the construction of more water using facilities, such as public comfort stations, and the irrigation of shade trees in the campground.
5. If additional construction is required please indicate date when it will be complete About 5 years.
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 water has been
   (If permit is for irrigation, state acreage irrigated; if for domestic use, state number of persons served, etc.)
   used for domestic and sanitary purposes at the Texas Springs Public Campground. There were 226,869 visitors at the Monument during the travel year ending September 30, 1950, as compared with 161,501 in the previous year, but the campground use is limited by the capacity of water using facilities.
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? No.
    If not, when will such use be full and complete? About 5 or 6 years.
    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, 1951.

SIGN HERE United States of America
By (SGD) GORDON W. ROBERTSON
Acting Chief, Water Resources Branch,
National Park Service,
Department of the Interior.

(OVER)

FORM 67

YEAR 1951

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.

It has been impossible to provide badly needed improvements in the campground since the war because of limitations imposed by Congress and the Bureau of the Budget. It is impractical to plant and irrigate desirable shade trees until the water supply is augmented by completion of the Furnace Creek Water System under related Water Right Applications 10,001, 10,002, and 10,118.

DO NOT WRITE IN THIS SPACE

STATE OF C[illegible]FORNIA—DEPARTMENT OF PU[illegible]C WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEER
SACRAMENTO 5

File in Death Valley Used 10

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 10119 PERMIT 5755 SOURCE Texas Springs, A.B.C. and Pacific Coast Borax Tunnel

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

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

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

4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
   The full use of the authorized quantity of water will require the construction of more water using facilities, such as public comfort stations, and the irrigation of shade trees in the campground.

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

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 water has been used for domestic and sanitary purposes at the Texas Springs public campground.
   If permit is for irrigation, state acreage irrigated, kinds of crops grown, etc.
   There were 226,864 visitors at the Monument during the travel year ending September 30, 1950, as compared with 161,901 in the previous year, but the campground use is limited by the capacity of water using facilities.

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? No.
    If not, when will such use be full and complete? About 5 or 6 years.
    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

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

(OVER)

YEAR 1950

FORM 67

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.

It has been impossible to provide badly needed improvements in the campground since the war because of limitations imposed by Congress and the Bureau of the Budget. It is impractical to plant and irrigate desirable shade trees until the water supply is augmented by completion of the Furnace Creek Water System under related Water Right Applications 10,000, 10,002, and 10,118.

DO NOT WRITE IN THIS SPACE

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

Death Valley Deed 10

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 16219 PERMIT 5755 SOURCE Texas Springs, A.B.C. and Pacific Coast Borax

1. *Name* of present owner of permit United States of America (for Death Valley National Monument)
   Address National Park Service, Interior Building, Washington 25, D. C.
2. Has the project been abandoned? No 3. Is construction *complete*? Yes
4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed
   Full use of water requires completion of more water using developments such as public comfort stations, rangers' quarters, and more planting in the public campground, and the use of all facilities by the public
5. If additional construction is required please indicate date when it will be complete 4 to 5 years.
6. Describe any construction work done **during the past 12 months** and state the estimated cost including labor
   There was some planting in the campground, but other physical improvements have been negligible because of Congressional limitations on appropriations.
7. Has use of water commenced? Yes If so, describe use made **during the past 12 months** Water now used
   (If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.)
   for domestic, sanitary, and irrigation purposes in the Texas Spring Campground.
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? Probably 4 to 7 years.
    (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 October 20, 1949

(OVER)

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

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

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 10119 PERMIT 5755 SOURCE Texas Springs, A.B.C. and Pacific Coast Borax.

United States of America, Department of the Interior,

1. *Name* of present owner of permit National Park Service. (Death Valley National Monument.)

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

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

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

Full use of water requires completion of more water using developments such as public comfort stations, rangers' quarters, and more planting in the public campground, and the use of all facilities by the public.

5. If additional construction is required please indicate date when it will be complete 3 to 5 years.

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

Negligible.

7. Has use of water commenced? Yes If so, describe use made during the past 12 months Water is used
If permit is for irrigation, state acreage irrigated; if for a subdivision state number of lots served, etc.

in Texas Spring Campground for domestic and sanitary purposes. There were 163,733 visitors at the Monument in 1948 as compared with 162,113 in 1947. Campground use, therefore, is still increasing and the water claim is based on the ultimate capacity and use.

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~~ No.

If not, when will such use be full and complete? Probably 5 to 8 years.
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 November 1, 1948. (OVER) Chief, Water Resources Branch.

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

Deed No 10

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 10119 PERMIT 5755 SOURCE Texas Springs, etc.

1. *Name* of present holder of permit United States of America, Department of the Interior, National Park Service. (Death Valley National Monument.)
   Address National Park Service, Interior Building, Washington 25, D. C.
2. Has the project been abandoned? No 3. Is construction *complete*? Yes.
4. If construction is *incomplete* describe the additional works required in order to use the full quantity of water proposed —
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 Water was used for domestic purposes at the Texas Spring Campground, at the Furnace Creek Ranger Station, and at the Indian Village. However, only minor use of the water was made for irrigation because there was not been the labor to maintain the vegetation during the war and postwar period.
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? No
    If not, when will such use be full and complete? See reverse.
11. Neither the intake nor the place of use described in the permit should be disturbed without notice. Appropriate blanks will be sent upon request.

Date January 6, 1948.

Signed: Hans [illegible]
Chief, Water Resources Branch
Title
Department of the Interior,
National Park Service.

(OVER)

FORM 57 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.

The full use of the water will be made when the necessary [illegible] with shade trees and sanitary units have died out during the war. In the order of importance, such work must wait until camping and housing facilities in the surrounds are increased to a point adequate for the present demand. It may be 5 years before such normal conditions are reached.

DO NOT WRITE IN THIS SPACE

04-02-1945: unless advised otherwise by the superintendent of regional director, your schedule for inspecting the texas springs ; a

DS
Texas Springs

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

FOR VICTORY BUY UNITED STATES WAR BONDS AND STAMPS

April 2, 1945.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

AIRMAIL

cc to Death Valley 4/4
Carbon to 4/11

Mr. Biscoe Kibbey,
Route 6, Box 8428,
Sacramento, California.

Dear Mr. Kibbey:

Unless advised otherwise by the Superintendent or Regional Director, your schedule for inspecting the Texas Springs under Application 10119, Permit 5755, is satisfactory. The Monument Office is approximately two miles north of Furnace Creek Ranch, and on the opposite side of the highway.

Sincerely yours,

(SGD) A. VAN V. DUNN

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

cc: Regional Director,
Region Four (2), by airmail.
Supt., Death Valley, by airmail.

04-04-1945: the enclosed copies of notice of visit of field representatives ; april 04, 1945

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

FOR VICTORY BUY UNITED STATES WAR BONDS AND STAMPS

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

April 4, 1945.

MEMORANDUM for the Regional Director, Region Four.

The enclosed copies of Notice of Visit of Field Representative should be attached to copies of Death Valley Deed 10, Water Right Application 10119, Permit 5755, in the files of your office and the Monument. You have already been advised of the contents of this notice by airmail memorandum of April 2.

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

Enclosure 211.
In duplicate.

RDir 4/9
Crowley 411

Deed 10

COPY

Earl Warren
Governor of California

Edward Hyatt, State Engineer
Chief of Division

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

C. H. Purcell
Director

Form 23
3/17

3/27/45

Division of Water Resources
Public Works Building

NOTICE OF VISIT OF FIELD REPRESENTATIVE

Application 10119 Permit 5755 Texas Springs and tunnel

National Park Service
c/o A. van V. Dunn, Hydraulic Engineer
601 Sheldon Bldg., San Francisco

Gentlemen -

This is to inform you that Mr. Biscoe Kibbey, an engineer of this office, will make an inspection of the construction work and use of water under the above numbered application and permit. If use is found to be complete both as to amount and season license action based on this inspection and confirming your right to such amount of water as you have actually put to beneficial use in accordance with the permit will be in order.

It is important that someone thoroughly familiar with the works and the use of water during the past three years be on hand to accompany Mr. Kibbey on this inspection and that any existing records evidencing the amount of water diverted during the month of maximum use be available at that time.

Mr. Kibbey will meet you or such person as you may designate at the time and place noted below. Kindly mail the enclosed postcard advising whether you can keep the appointment. It is requested that no change be made as inspections are closely scheduled.

Very truly yours,

EDWARD HYATT,
State Engineer

At Furnace Creek around 11 o'clock on the morning of Monday, April 9, 1945. I presume Park Headquarters is at Furnace Creek - if not please advise. Notice sent to Death Valley. B.K.

20

10-20-1944: progress report by permittee; application 10119, permit 5755

Form 67

Death Valley - Head 18

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 10119 PERMIT 5755 SOURCE Texas Springs, etc.

1. *Name* of present holder of permit United States of America, Department of the Interior, National Park Service.

   Address Death Valley National Monument, Death Valley, California.

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

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

   ---

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 labo

   There has been no construction during the past 12 months, but the distribution pipe was previously extended to the Indian Village although not reported due to an oversight.

7. Has use of water commenced? Yes If so, describe use made during the past 12 months On April 9, 1944, there were 2162 persons using the water facilities at the Texas Springs Campground, 24 permanent residents using water in the Indian Village, 3 residents in the Furnace Creek Ranger Station who depended on this supply, and approximately 12.25 acres of shade trees were being irrigated by the system. During other days in March and April, when there was less campground use, the irrigation rate was increased.

   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 12 months.

9. Will water be used during any other months ---

10. Have you used as much water as you expect to use under this permit? Yes — see report of completion, dated June 7, 1944.

    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 United States of America, Department of the Interior, National Park Service, (SGD.) A. VAN V. DUNN, Chief, Water Rights Division, *Permittee

Date October 20, 1944.

(OVER)

YEAR 1944

STATE PRINTING OFFICE

NOTE

The space below may be used for describing in greater detail progress which has already been made, expected completion of the project, and plans for further development. Particularly if the time heretofore allowed for completion of other 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.

This water system is also covered by Water Right Permits Nos. 5738, 5739, and 5764, covering diversions from Furnace Creek Wash. It is the intent at this time to perfect rights to divert Texas Springs and obtain the final license, and to consider the waters of Furnace Creek Wash as the supplemental supply whose development will be completed as needed.

DO NOT WRITE IN THIS SPACE

Region Four

Death Valley Dec 10

Form 67e (Direct Diversion)
11/2/43

Application 10119 Permit 5755

REPORT OF COMPLETION

To Division of Water Resources
Department of Public Works
Sacramento, California

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 not intended 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. It is now in order to inspect the project and proceed with the issuance of a license which will confirm a right to such beneficial use of water as has heretofore been made, and to limit further use under the right both as to season and amount in accordance with past practice.

Very truly yours,

T Rhoades
(Signature of Permittee or Agent)

Date June 7, 1944

Superintendent, Death Valley National Monument,
for United States of America

Form 57

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 space provided are inadequate.

APPLICATION 10119 PERMIT 5755 SOURCE Texas Springs A, B & C and Pacific Coast Borax Company Tunnel

1. *Name* of present holder of permit United States of America, Death Valley National Monument
Address Death Valley, 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 labor
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 power is the purpose, state number, capacity of each generating unit, number of kwh 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, explain reasons on the back of this sheet or make your answer on the line below.

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.

Snow Hicks s/ T. R. Goodwin, Supt.
Engineer Position

Date Oct. 29, 1943.

(OVER)

YEAR 1942-1943.

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.

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

FORM 57

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 10110 PERMIT 6760 SOURCE Texas Springs, etc.

1. *Name* of present holder of permit United States of America, Death Valley National Monument
   Address Death Valley Junction, 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
   No progress has been made on this water development due to the war requiring a suspension of activity. Please refer to Deputy State Engineer Gaffney's letter of Sept. 10, 1942 addressed to Mr. A. Van W. Dunn, Hydraulic Engineer, U. S. Dept. of the Interior, National Park Service, Water Rights Section, 601 Custom House, San Francisco.
5. If additional construction is required please indicate date when it will be complete [illegible]
5. Describe any construction work done during the past 12 months and state the estimated cost including labo
   None
7. Has use of water commenced? ..... 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.
8. During which months was water used?
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?
    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 8, 1943

SIGN HERE _____ Permittee

(OVER)

YEAR 1943

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 developments. 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

Form 67

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

DO NOT WRITE IN THIS SPACE

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 10119 PERMIT 5755 SOURCE

1. *Name* of present holder of permit United States of America, Death Valley National Monument
   Address Death Valley Junction, 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
   No progress has been made on this water development due to the war requiring a suspension of activities. Please refer to Deputy State Engineer Conkling's letter of Sept. 16, 1942 addressed to Mr. A. Van V. Dunn, Hydraulic Engineer, U.S.Dept. of the Interior, National Park Service, Water Rights Section, 601 Sheldon Bldg., San Francisco
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 labo
   None
7. Has use of water commenced? No 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.
8. During which months was water used?
9. Will water be used during any other months
10. Have you used as much water as you expect to use under this permit?
    If not, when will such use be full and complete?
    If necessary, use the reverse side of this sheet to explain your answer 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 Superintendent Permittee
Date (OVER) Death Valley National Monument

YEAR 1942

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 cause of failure to complete should be stated and an estimate given of additional time required.

DO NOT WRITE IN THIS SPACE

COPY

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

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.

9

09-11-1942: we have the following incomplete water rights in california ; september 11, 1942

COPY

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 (An extension of time has been requested). — Dec. 1, 1942.

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.

8

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.

8

We have tentative plans for unusually heave 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,

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.

03-10-1941: court document, state of california: affidavit of posting notice

Form 8-D

AFFIDAVIT OF POSTING NOTICE

RECEIVED
DIV OF WATER RESOURCES
SACRAMENTO

1941 MAR 10 AM 10 04

In the Matter of Application 10119
Before the Division of Water Resources
of the Department of Public Works of
the State of California.

STATE OF CALIFORNIA
COUNTY OF Inyo } ss.

T. R. Goodwin, being first duly sworn, deposes and says:

that he is acting on behalf of the applicant.
(Insert here "that he is the applicant" or "that acting on behalf of the applicant")

United States Department of Interior, National Park Service,
Death Valley National Monument, in the matter of Application 10119 before the
(Name of applicant)

Division of Water Resources of the Department of Public Works of the State of California, and did
("and did" or "he did")

on the fifth day of March, 1941, 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 On a bulletin board in lobby at
(Here describe how and where posted as accurately as possible)

Furnace Creek Ranch

and the other of said notices beside road to spring area at upper or
(Here describe how and where posted as accurately as possible)

east side of Texas Springs Public Camp Ground.

That each of said notices thus posted occupied a conspicuous place in the locality to be affected by said proposed appropriation.

T. R. Goodwin
Superintendent

Subscribed and sworn to before me this
6th day of March 1941
Raymond K. Sundell
Notary Public in and for said County
MY COMMISSION EXPIRES MAR 14, 1942

3 DO NOT DETACH

MAR 15 '41 J.J.N.

COPY

Edward Hyatt, State Engineer
Chief of Division

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO

Frank W. Clark
Director

Division of Water Resources
401 Public Works Building

February 27, 1941

Applications 10118-10119

Mr. T. R. Goodwin, Superintendent,
Death Valley National Monument
Death Valley Junction, California

Gentlemen:

The above numbered applications are in sufficient form for advertising, notices of which are enclosed.

A typed copy of Application 10119 as amended is enclosed for signature. Please return it to this office when signed.

Very truly yours,

EDWARD HYATT, State Engineer

By Harold Conkling
Deputy State Engineer

Encl.

Reg.

6

FORM 5-A

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
SACRAMENTO

RECEIVED
DIV. OF WATER RESOURCES

MAR 10 AM 10 04

NOTICE OF APPLICATION TO APPROPRIATE WATER

Application 10119

NOTICE IS HEREBY GIVEN, That U.S. - Death Valley National Monument
Death Valley Junction, California

has under the date of February 17, 1941 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 Texas Springs - A, B & C, and Pacific Coast Borax Company Tunnel, tributary to Salt Creek

County of Inyo

Amount applied for: 0.078 cubic feet per second

Diversion season named: January 1 to December 31 of each season

Water to be used for domestic and recreational purposes

Point of diversion within (A) SW¼ of SW¼ (B) SE¼ of SW¼ and (C) SW¼ of SE¼ of Section 14, T 27 N, R 1 E, S.B.B.M. or from Pacific Coast Borax Co. tunnel within NW¼ of NE¼ of Section 23, T 27 N, R 1 E, S.B.B.M.

Place of use described: Texas Spring Camp, Ranger Station, Museum, School Site and Indian Village within Sections 15, 21, and 22, T 27 N, R 1 E, S.B.B.M. as shown on map filed with the Division of Water Resources.

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
February 27th 41

STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
Sacramento

Division of Water Resources
401 Public Works Building

Edward Hyatt, State Engineer
Chief of Division

February 27, 1941

Application 10119

U. S. - Death Valley National Monument
Death Valley Junction, California

Gentlemen:

The application of yourselves

to appropriate the waters of Texas 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 March 14, 1941 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 April 8, 1941 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

HAROLD CONKLING
Deputy in Charge of Water Rights

Reg.

Encl.

Form 8B.

FORM 1 FILE IN DUPLICATE

[For full information concerning the filing 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

Application No. 10119 Filed February 17, 1941 at 5:30 P. M.
(Applicant must not fill in the above blanks)

Amended Application Received March 10, 1941

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

This application involves in no way the right to construct a dam

I, The United States of America, Death Valley National Monument
Name of applicant

of Death Valley Junction County of Inyo
Post office

State of California, do 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 Texas Springs A,B & C and Pacific Coast Borax
Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed

located in Inyo County, tributary to Salt Creek (Co. Tunnel)

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 0.078 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 from either or all sources January 1 (Beginning date each season) to December 31 (Closing date each season) of each season.

(*b*) For diversion to be stored temporarily and later applied to beneficial use _____ acre-feet (1 acre-foot equals 325,851 gallons) per annum, to be collected between _____ (Beginning date each season) and _____ (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 domestic and recreational and fire protection purposes.
Domestic, irrigation, power, municipal, mining, industrial, recreational

4. **The point of diversion** is to be located (see supplement)
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. _____, _____ M., in the County of _____

5. **The main conduit** terminates in SE¼ SE¼, of Sec. 15, Tp. 27N, R. 1 E, S.B.B.&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 _____ gallons per minute.

(*b*) Diversion will be by gravity, the diverting dam being _____ feet in height (stream bed to level of overflow); _____ 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 _____ 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 in excess of the available flow of 35 gallons per minute
State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is $5000
Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

Completion Schedule

10. **Construction work** ~~will begin on or before~~ complete

Construction work will be completed on or before _____

The water will be completely applied to the proposed use on or before _____

Description of Proposed Use

11. **Place of Use.** (see supplement)
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.** Domestic use is proposed as follows: (See supplement)
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 quantity needed

13. **Irrigation Use.** 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; pasture _____ 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.** 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, etc.

The size of nozzle to be used is _____ inches.

The water will / will not be returned to _____ in _____ of
Name stream — State 40-acre subdivision

Sec. _____, Tp. _____, R. _____, _____ M.

Supplement to Application 10119

4. The Point of Diversion

The main diversion is from three springs known as the Texas Springs A. B. C. located as follows, all in T. 27 N., R. 1 E., S.B.M.:

Spring A, in SW¼ SW¼ Section 14, whence the W¼ corner of Section 15 bears N 74° 05' W 6521 feet.

Spring B, in SE¼ SW¼ Section 14, whence said W¼ corner of Section 15 bears N 70° 37' W 7665 feet.

Sprin C in SW¼ SE¼ Section 14, whence said W¼ corner of Section 15 bears N. 72° 32' W 8560 feet.

An auxiliary diversion D is from the diverting tunnel of the Pacific Coast Borax Company in the NW¼ NE¼ of Section 23 at a point whence said W¼ corner of Section 15 bears N 70° 16' W 8612 feet.

6. (b) Intake

Water is collected at the Springs A, B, C, and tunnel and then flows by gravity to the distribution reservoir in SESE Section 15, T 27 N, R 1 E.

During the winter of 1939 - 1940 the Pacific Coast Borax Company altered its tunnel diversion at an independent spring on the opposite side of the ridge. Two vents drilled at that time intercepted the source of supply for Springs A, B, and C, diverting their full flow to the tunnel. The auxiliary diverson, also by gravity, from the Pacific Coast Borax Company, was provided during 1940 and constitutes a claim for the same flow which was normally obtained at Springs A, B and C, and only at such times as said 0.078 sec. ft. (35 g.p.m.) are not allowed to reach said springs.

8. (b) Pipe Line

The main conduit from Spring C to distribution reservoir has: Diameter 2", length 3150 feet; grade 85.5 feet per 1000 feet; total fall from intake to outlet 268 feet; kind, glavanized iron.

The lateral from Spring B has; Diameter 2", length 180 feet; grade 140 feet per 1000 feet; total fall of 25 feet; kind, galvanized iron.

The lateral from Spring A has: Diameter 2" length 750 feet; grade 100 feet per 1000 feet; total fall of 75 feet; kind, galvanized iron.

The first section of tunnel diversion is owned by the Pacific Coast Borax Company; Diameter 6"; length 350 feet; grade 60 feet per 1000 feet; total fall 20 feet; kind, steel. The second section is owned by the National Park Service: Diameter 2", length 730 feet; grade 76 feet per 1000 feet; total fall 60 feet; kind, galvanized iron.

Description of Use

11. Place of Use. All in T 27 N, R 1 E, S.B.B. & M.

At Texas Spring Campground:

SE¼ SE¼, SW¼ SE¼ and SE¼ SW¼ Section 15.
NW¼ NE¼ Section 22.

At Museum Area:

SW¼ NW¼ and NW¼ SW¼ Section 22.

At Ranger Station:

SE¼ NE¼ Section 21.
SW¼ NW¼ Section 22.

At Proposed School Site:

SE¼ NE¼ Section 21.

At Indian Village:

NE¼ SW¼ and NW¼ SE¼ Section 21.

12. Domestic Use:

Past peak day domestic use has required practically the entire available supply on the following basis:

Campground:	
750 overnight campers at 35 g.p.c.) 100 picnickers at 12 g.p.c.)	0.055 sec. ft.
Ranger Station:	
1 home site at	0.015 sec. ft.
Indian Village:	
40 Indians at 50 g.p.c.	0.003 sec. ft.
Total	0.073 sec. ft.

18. Recreational Use

The recreational use, other than domestic and sanitary needs given in paragraph 12 are only available as campground attendance is low as follows:

1. Maintenance of 20,000 gallons in distribution reservoir for fire protection - allow 0.002 sec. ft.

2. Irrigation of trees and shrubs recently planted on 5 acres of campground, and sprinkling of unpaved roads in said area on basis of continuous flow to provide 8 A.F./A/ annum for tamarisk and balance of 1 sec. ft. to 70 acres for dust laying 0.071 sec. ft.

3. Similar planting and dust laying on 2 acres at Ranger Station and Indian Village Trading Post 0.028 sec. ft.

Total .101 sec. ft.

The potential demand under paragraphs 12 and 18 is 0.174 sec. ft., while the supply has been only 0.078. The proof that the full beneficial need has not been supplied by the supply is the mortality of new vegetation.

20. Land Ownership

The applicant owns land at diversion from Texas Springs. It does not own land at Tunnel Diversion, but it does own land at the point where water from that diversion enters its pipe line under agreement with the owner of said diversion.

DO NOT WRITE IN THIS SPACE

ATTACH EXTRA SHEETS HERE

15. Municipal Use. 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. The name of the mining property to be served is _____ (Name of claim) _____ and the nature of the mines is _____ (Gold placer, 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. 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)

_____

18. Recreational Use. Water will be used for _____ (Describe nature and method of use)

The amount for which application is made was determined by _____ (Describe basis of estimate of quantity needed)

_____

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? (See supplement) (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?

Death Valley Junction, California

22. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion? None

The Pacific Coast Borax Company only land riparian to the Texas Springs diversons but has no claims for water except at its tunnel diversion as decribed.

[SIGNATURE OF APPLICANT] THE UNITED STAES OF AMERICA,
DEPARTMENT OF THE INTERIOR
DEATH VALLEY NATIONAL MONUMENT
By T. R. Goodwin, Superintendent

APPLICANT MUST NOT FILL IN BLANKS BELOW

PERMIT No. 5755

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 seventy eight thousandths (0.078) cubic foot per second from January 1 to December 31 of each season.

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 November 1, 1941, 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 1, 1943.

5. Complete application of the water to the proposed use shall be made on or before December 1, 1944.

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.

7. All rights and privileges under this permit including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the Division of Water Resources 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.

Witness my hand and the seal of the Department of Public Works of the State of California this 1 *day of* May 19 41

EDWARD HYATT
State Engineer

By /s/ Harold Conkling
Deputy

77180 9-39 6M
STATE PRINTING OFFICE

IMPORTANT
(Please read carefully)

1. Note the terms and conditions of this permit. Construction work must be prosecuted diligently, and the water promptly applied to the beneficial uses intended. Annual reports of progress will be expected from you upon printed forms which will be forwarded from time to time. When the water has been fully applied to the beneficial uses intended the law prescribes that notice shall be given to the Division of Water Resources.
2. Neither this application nor the permit is a water right, but if the terms and conditions of the permit are observed a water right can be obtained through beneficial use of the water — the extent of the right to be determined by a field inspection which will be made by an engineer of the Division of Water Resources.
3. No change in point of diversion or place of use can be made under this application and permit without the consent of the Division of Water Resources.
4. If the rights under this permit are assigned immediate notice to that effect with the name and address of the new owner should be forwarded to the division of Water Resources, Sacramento, California.
5. Please advise immediately of any change of address. Until otherwise advised communications to you will be addressed as was the letter transmitting this permit.

L54-L

June 27, 1957

3 43

Memorandum

To: Regional Director, Region Four

NO COPY MADE IN MAIL ROOM

From: Chief, Water Resources Section

Subject: Water Rights, Furnace Creek and Texas Springs, Dockets 3, 4, 5, 6 and Alien Water Right No. 42, Death Valley

Attached is a copy of the act of March 24, 1952 (66 Stat. 27) to authorize the grant of easements to Borax Consolidated, Ltd., which should be filed above Mr. Demaray's memorandum of February 28, 1941, and below the prints of Drawing 6967 in Part I-Land Status, in Alien Water Right No. 42. Also attached are four copies of a statement which should be filed at the top, and kept at the top of contents of Dockets 3, 4, 5 and 6. Copies are being sent to the Superintendent for the same disposition.

We are sending a copy of the act to WODC for its assembly of Alien Water Right No. 42. We are also sending folders for the subject dockets to WODC with the enclosed statements. We are not attempting to supply WODC with all contents of the dockets at this time, and hope that the designing engineers will review the Federal claims in your copies.

I am somewhat concerned over the attempts to complete plans for the new Park Service developments between Cow Creek and Furnace Creek, and to acquire land north of the Furnace Creek Ranch with suggested resolution of the relative water rights of the Borax Company and United States, before Mr. Kunkel completes his investigation and report. My concern was not alleviated by your recent report of first measurements of flow in the exploratory trench in Furnace Creek. I was also surprised at the relatively low diversions which you reported the Company to be making, but no mention was made of the extent of irrigation being made at the time. There is, of course, more water now diverted from Cow Creek than is authorized by Federal water rights.

Since Mr. Kunkel's report will not be available for some time, it would be desirable to obtain a complete tabulation of measurements of available flow at each source as soon as possible. These

JUL 1 1957

47KJ

could be tentative figures. I should also like to know what possible additional water might be developed at any sources. Even though the figures may be only approximate, we should have some basis for anticipating the limit of further development and the possible water right problems which are likely to develop.

A. van V. Dunn
Chief, Water Resources Section

Attachments 5

Copy to: Superintendent, Death Valley, with 5 attachments
Chief, WODC, with 5 attachments

C O P Y

PUBLIC LAW 284 - 82d CONGRESS
Chapter 109 - 2d Session
H. R. 4515

AN ACT

All 66 Stat. 27.

To authorize the acquisition by exchange of certain properties within Death Valley National Monument, California, and for other purposes.

Interior Department. Exchange of lands.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Interior is hereby authorized to grant and convey to Borax Consolidated Limited, perpetual easements for rights-of-way, aggregating not more than twenty acres, for general utility purposes within Death Valley National Monument, California, subject to such terms and conditions as the Secretary may deem desirable, and to accept in exchange therefor the conveyance to the United States of approximately two hundred and thirty acres of land within the exterior boundaries of such National Monument.

APPROVED MARCH 24, 1952.

Corr

AGREEMENT

THIS AGREEMENT made this 1st day of May, 1958, by and between the State Park Commission, State of California, hereinafter called "State" and the National Park Service, Department of the Interior, United States of America, hereinafter called "United States",

W I T N E S S E T H:

WHEREAS, United States is the owner in fee simple of the following described real property situate in the State of California, County of Inyo:

> That tract of land comprising 1.25 acres more or less located near the Northwest corner of the intersection of California State Highway No. 190 and the Death Valley Airport Road in Section 16, Township 27 North, Range 1 East, of San Bernardino Base and Meridian, in Inyo County, California and more particularly described as follows: Starting at point A.P. -17 as shown on Death Valley National Monument Map NM-DV 6967, recorded March 30, 1954 in Volume 5 of Maps, Page 35, Records of Inyo County; thence North 41°44' 30" West 272.05 feet to the point of beginning; thence North 0°35' West 215 feet to a point; thence South 89°01' 30" West 250 feet to a point; thence South 0°35' East 215 feet to N.P.S. Monument No. 90 and thence North 89°01' 30" East 250 feet to the point of beginning; subject to any rights vested in the State of California for a highway over and across said tract of land; and

WHEREAS, the parties hereto are desirous of having a museum constructed, operated and maintained upon the said real property, which museum is hereinafter referred to as "Death Valley Museum"; and

WHEREAS, said land was donated to the United States for the purpose of the construction of Death Valley Museum thereupon; and

WHEREAS, United States is willing to grant a permit for the use of said real property to State, insofar as said permit shall not be inconsistent with the terms and conditions hereof; and

WHEREAS, State is willing to pay to United States the sum of $350,000 under the terms and conditions hereof for the construction and equipping of the Death Valley Museum; and

WHEREAS, the United States is willing to undertake the construction, equipping, operation and maintenance of the Death Valley Museum under the terms and conditions hereof;

NOW, THEREFORE, IT IS MUTUALLY AGREED AS FOLLOWS:

1. Pursuant to the authority contained in the Act of August 25, 1916, (39 Stat. 535; 16 U.S.C. 1-3), and other laws supplemental thereto and amendatory thereof, United States, concurrently with the execution of these present, shall grant a use permit to State for the real property hereinabove described in accordance with the terms and conditions of that certain document attached hereto, marked Exhibit "A", reference to which is hereby made, and by such reference, made a part hereof.

2. State concurrently with the execution of this agreement shall pay to United States the sum of $175,000.

3. United States shall immediately commence the development of plans and working drawings for the construction of Death Valley Museum upon the real property hereinabove described. Such plans and working drawings shall be completed within a reasonable time and shall thereupon be transmitted to State for its approval.

4. Upon approval of said plans and specifications by State, State shall pay United States the sum of $175,000.

5. Upon receipt of the total sum of $350,000, as aforesaid, United States shall commence the construction of Death Valley Museum and prosecute the said construction with reasonable diligence to completion. Such construction in any event shall be completed by April 15, 1961.

6. Upon completion of Death Valley Museum, United States shall:

a. Designate the same as "Death Valley Museum".

b. Utilize means to be agreed upon by the parties, whereby the contribution hereunder by the State shall be publicized.

c. Furnish to State an itemized statement of the cost of the construction thereof and, if such cost shall be less than the total sum advanced by State hereunder, shall concurrently therewith remit to the State the difference between such cost and the sum so advanced.

d. Operate and maintain the same at its sole cost and expenses, pursuant to an agreement to be entered into by and between the parties hereto.

7. The equipping and furnishing of Death Valley Museum shall be done by United States at its sole cost pursuant to plans therefor hereafter adopted by the parties.

8. All right, title and interest in and to Death Valley Museum shall at all times be, and remain, the property of the State of California.

9. After the payment of the sum of $350,000 to United States as provided for herein, State shall not be obligated to pay any sum or sums for any purpose or purposes in connection with the construction, equipping, operation, or maintenance of Death Valley Museum and United States agrees to protect and save State, its officers, agents and employees, harmless from any claim or claims or causes of action in any way arising out of or connection with the construction, equipping, operation, or maintenance of said Death Valley Museum.

10. Nothing herein contained shall be construed to impose any obligation upon the United States inconsistent with Federal law, or obligate it to expend any funds in excess of those made available by the State of California hereunder or as may be made available through appropriations by the Congress or otherwise for the purposes of this agreement.

IN WITNESS WHEREOF, the parties have hereunto set their hands upon the date first hereinabove appearing.

APPROVED:
Department of Natural Resources

By (Signed) Chief
Division of Administrative Services

State of California
State Park Commission

By /s/ J. N. Knowland
Chairman

United States of America
Department of the Interior
National Park Service

By /s/ Conrad L. Wirth

Department of Finance
APPROVED
Sep. 2, 1958
T. H. MUGFORD, Director
By /s/ Louis J. Heinzer
Administrative Adviser

09-25-1963: time sheet for completion report; september 25, 1963

Form 10-124
(June 1962)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TIME SHEET FOR COMPLETION REPORT

Work Order No.: B-13 DEVA
Fund Symbol: 14X1035

Park	Region	Year Programmed
Death Valley National Monument	Western	1961
Location in Park	State(s)	PCP No.
Furnace Creek Area	California	U-94
		Master Plan No.
	County or Counties	Master Plan Corrected By
☐ Contract and/or ☒ Day Labor	Inyo	As Built Drawings By
Work Order Title		NP-DV 2223
Water Supply Line, Furnace Creek		Date Started: 6/61
		Date Completed: 3/62

DESCRIPTION OF FIXED ASSETS (For completion by employee in charge of project)	TOTAL COSTS (For completion by FFO)
Water System, Furnace Creek Visitor Center and Campground. Additional supply line from diversion point to 500,000 gallon storage tank, consisting of 1,800 linear feet of 3" cement-asbestor pipe with meters, valves, and concrete valve vault with cover.	6,515.48
	TOTAL $ 6,515.48

JOURNAL VOUCHER NO. 34-27
DATE SEP 25 1963

DISTRIBUTION No.	To
1	DCC
1	WODC
1	Regional Director, Western
1	DEVA
1	FFO

THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES

Submitted By: Garland Moore — Title: Park Engineer — Date: 7/5/63

Approved By: John A. Aubuchon — Title: Superintendent — Date: 7/5/63

COSTS VERIFIED BY: D. Tam, Accountant — Title: — Date: 9/13/63

NARRATIVE STATEMENT

FCP U-94 for this project was prepared in February, 1961. Estimated cost was $5,500.00. Drawing number NM-DV 2223, Water Supply Line, Furnace Creek, prepared in Region IV office, was recommended for approval on June 19, 1961.

The project consisted of installation of valves, meters, and valve vault with cover on the supply line to Texas Spring campground, and construction of 1,800 linear feet of 3 inch cement-asbestos pipeline from the point of diversion to the 500,000 gallon reservoir. Day labor was used on this project.

All materials for the work were received in July, and trenching began July 27. Trenching was delayed by mechanical breakdown of the trenching equipment. After repairs were completed, the installation of the pipeline was completed on August 31, 1961, resulting in a satisfactory, usable utility.

Form 10-174
(Rev. 2-56)

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

COMPLETION REPORT OF CONSTRUCTION PROJECT

REGION	AREA	COUNTY	STATE
Four	Death Valley National Monument	Inyo	California

PROJECT OR JOB TITLE: Texas Spring Campground water System
PCP NO.: U-32-2

LOCATION IN AREA: Texas Spring Campground
MASTER PLAN NO.: NMDV-20050
BUILDING NO.:

WORKING DRAWING NO. AND TITLE: NMDV 2129A, Water System-Texas Spring Campground

APPROPRIATION TITLE AND SYMBOL:
WORK ORDER NO.: 332 2

CONTRACT NO.:
DATE WORK STARTED: November 23, 1954
DATE WORK COMPLETED: January 22, 1955

NAME OF CONTRACTOR: Indian Wells Construction Company
ADDRESS: [illegible], California

COST ANALYSIS

CONSTRUCTION ITEMS	QTY	UNIT COST IN PLACE	TOTAL COST IN PLACE
2½ inch pipe, dipped & wrapped	4372 LF	1.71	4911.12
2 inch pipe, dipped & wrapped	576 LF	1.20	691.20
1½ inch pipe, dipped & wrapped	408 LF	1.61	654.48
1¼ inch pipe, dipped & wrapped	901 LF	1.00	901.00
1 inch pipe, dipped & wrapped	2561 LF	0.48	1229.09
¾ inch pipe, dipped & wrapped	2403 LF	0.83	2001.96
Hydrants	50 ea	5.25	262.50
Reservoir valves & piping	1	193.00	193.00
Comfort Station Connections	2 ea	57.00	114.00
Valve Boxes	345 ea	0.15	51.75
FISCAL [illegible] RECEIVED JAN 17 1958		TOTAL	$11,010.10

SUMMARY OF EXPENDITURES

PERSONAL SERVICES	EQUIPMENT	MATERIALS AND SUPPLIES
[redacted]	not available	not available

OTHER: $223.41

Total Cost $11,233.51

CHANGE ORDERS

ORIGINAL CONTRACT AMOUNT	FIRST	SECOND	THIRD
$10,116.20	$ 893.90		
FINAL CONTRACT AMOUNT	**FOURTH**	**FIFTH**	**SIXTH**
11,010.10			

THIS PROJECT OR JOB HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AUTHORIZED CHANGES

SUBMITTED BY (Name and title): L. Spaulding, Engineer — L. Spaulding — DATE: April 30, 1957

APPROVED BY (Name and title): Fred W. Rinnewies, Superintendent — Fred W. Rinnewies — DATE: April 30, 1957

(ATTACH NARRATIVE STATEMENT, PHOTOGRAPHS, AND "AS BUILT" DRAWINGS TO THIS FORM)

GPO 914176

Texas Spring Water System

A contract to construct Texas Spring Water System, FCP U-32-2, was awarded November 5, 1954 to Indian Wells Construction Company, Ridgecrest, California. Construction was started November 22, 1954 and completed January 22, 1955.

A change order was issued January 10, 1955 to install 401 lineal feet of water main in the lower campground and to install valve boxes at all valves. The time limit was extended seven days.

Contractor maintained a crew of four men; one plumber, one equipment operator and two laborers. Trench was excavated by a Sherman backhoe mounted on a Ford farm tractor. Backfilling was done by this same machine equipped with a dozer. Sections of ~~line~~ pipe were tested for leaks by holding the pipe full of water at normal working pressure for a period of 8 to 24 hours. Pipe was sterilized by filling with a solution of Purex designed to produce 200 parts per million of chlorine and held for 8 to 24 hours.

Texas Spring Campground now has a complete new water distribution system. The old main from a point [illegible] the reservoir to the vacinity of the lower comfort station [illegible] and is in satisfactory condition except for [illegible]. The 2 inch main from the lower campground to the Indian [illegible] to be bare steel pipe and is in poor condition.

Other Supporting Information

United States Department of the Interior

NATIONAL PARK SERVICE
WESTERN REGION
450 GOLDEN GATE AVENUE, BOX 36063
SAN FRANCISCO, CALIFORNIA 94102

IN REPLY REFER TO:

L54(WR)PSW
DEVA/WR Docket
Files #s 1,3,
4,5,6,9,17,21,22,
22A,24,25,26,27,
28,31,34 & AWR9

July 16, 1975

Memorandum

To: Superintendent, Death Valley

From: Chief, Division of Water Resources, Western Region

Subject: Transmittal of forms relating to monument Water Dockets #s 1,3,4,5,6,9,17,21,22,22A,24,25,26,27,28,31,34 and Alien Water Docket #9

Enclosed for your information and files (Water Dockets) are the State of California forms relating to:

Docket No.	Application No.	Permit No.	License No.
1	18429	11924	
3	10001	5738	
4	10002	5739	
5	10118	5754	
6	10119	5755	7854
9	15381	9604	6110
17	8183	4513	6343
21	16096	11421	
22	15539	11424	
22A	16138	11422	
24	8423	4645	
25	17839	11423	
26	18433	12100	6740
27	19482	12742	7577
28	19538	12743	7578
31	21646	14533	
34	22979	15721	
AWR 9	22366	15363	

AMERICAN REVOLUTION BICENTENNIAL 1776-1976

These reports have been furnished to the State in the interest of comity according to procedures as outlined in "Administrative Policies" handbook. Please note that each report has been stamped with a declaration disclaiming the power of the State to regulate the rights of the United States to the use of water.

Gerard S. Witucki

Gerard S. Witucki

Enclosures

cc:
WASO, Natural Resources Division,
Attn: Water Resources

Subject: DEVA - Water Dockets

NATIONAL PARK SERVICE
Western Regional Office
MESSAGE RECORD
Date July 3, 1972

Routed for: ☒ Information ☐ Action

☐ Incoming Call
☒ Outgoing Call

To: Chief, Water Resources Division

Name and Title Paul Fodor, Ranger

Representing DEVA - Works with Water Rights Dockets

Telephone No. 714 786-2331

Address Death Valley National Park

NPS Personnel in on Call James M. Mize, Legal Assistant, Water Rights

Conversation: Information requested regarding current status of twelve DEVA Water Rights dockets. The following list was verified by Paul Fodor utilizing latest information available:

PERMIT #	APPLICATION #	N.P.S. W.R. #	N.P.S. USE	USES
4645	8423	24	Yes	Camping and Picnicking
11421	16096	21	No	Mining and Domestic
14533	21646	31	Yes	Domestic
11423	17839	25	No	Mining
15721	22979	34	No	Mining
15363	22366	AWR 9	Some	Mining and some radiator Water
11924	18489	1	Yes	Domestic, Recreation, Irrig.
5738	10001	3	Yes	Headquarters Facility
5739	10002	4	Yes	" "
5754	10118	5	Yes	" "
11424	15539	22	No	None
11422	16138	22-A	No	None

Follow-up Action to be Taken: Consult with Regional Solicitor re: operating procedure for water rights in communications with State Dept. of Water Rights. Reply to State Department of Water Rights letter of May 16 re: status of these permits.

Follow-up Action Taken: July 20, 1972 consultation with Regional Solicitor, Mihan, who approved a draft of response to May 16, 1972 letter from State Department of Water Rights.

February 25, 1965

L5h

Memorandum

To: Superintendent, Death Valley

From: Hydraulic Engineer, Division of Lands and Water Rights, Western Region

Subject: Progress Reports for 1964

Application	8,423,	Docket	2h
"	10,001,	"	3
"	10,002,	"	4
"	10,118,	"	5
"	10,119,	"	6

Before forwarding the Progress Reports by Permittee for the Year 1964 for water use under subject applications, please advise if you have received for each an "Order Granting an Extension of Time within Which to Complete Construction and Use" from the State Water Rights Board.

The extension petitions were filed on April 9, 1964. If the Orders have been issued, please send them to us for reproduction and distribution following which they shall be returned to you.

We will hold the Progress Reports until we hear from you.

(Sgd) Manuel Morris

Manuel Morris

~~Spaulding~~ 188
Whitworth
Wosky
Merri
(Quiss)

October 31, 1960

L 54

Memorandum

To: Superintendent, Death Valley

From: Regional Director, Region Four

Subject: Annual Progress Reports, Water Right Applications 10001, 10002, 10118 and 10119, Furnace Creek Area, Dockets 3, 4, 5, and 6. Death Valley National Monument.

Attached are originals and one copy of annual progress reports for each of the four subject applications. If satisfactory to you and to Mr. Dunn (whose views we are requesting by copy of this memorandum), the reports should be signed and dated and be mailed to the State Water Rights Board. The copies are for filing in your water right dockets.

FILE COPY

The three reports covering the Furnace Creek Wash appropriations are identical except for application and permit numbers and have been prepared to reflect the fact that a portion of the water system has been constructed but that no use of the water has been made by the National Park Service.

The report on the Texas Spring application shows full use of 0.078 cfs (35 gpm) a rate we expect has been or will be reached during at least one week of peak use in the 1960 calendar year.

We suggest that you hold the reports until Mr. Dunn's comments have been received. Please let us know the date of signature and of any changes you make.

(SGN) LAWRENCE C. MERRIAM

Regional Director

Attachments

Copy to: Director (w/copies of unsigned reports)
Chief, WODC (2)(w/copies of unsigned reports)

LSSpaulding:lq

Docket 6

~~Spaulding~~ LSS

~~Wentworth~~

~~Manbey~~ BFM

~~Wosky~~ JBW

~~Quist~~ EJ

July 21, 1960

L 54

Memorandum

To: Superintendent, Death Valley

From: Regional Chief of Operations, Region Four

Subject: Water Right Application 10119, Texas Spring, Docket 6, Death Valley National Monument

Acting Director Tolson's memorandum of July 1, a copy of which was sent you, asked that records be kept of water use of Texas Spring.

We suggest that the two inch meter on the NPS line near Texas Spring and the six inch meter on the main to the Visitor Center be read at least twice monthly and daily during periods of peak use during the coming season. The readings are needed to determine the pattern of usage as well as to document our consumptive use of water of Texas Spring. We would appreciate being supplied accumulated records at about six months intervals.

FILE COPY

(SGD) JOHN B. WOSKY

Regional Chief of Operations

Copy to: Director (2)
Chief, WODC (2)

LSSpaulding:lq

76

L.12 DEVA Docket 6

IN REPLY REFER TO:

L54-OBL

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

JUL 1 - 1960

RECEIVED
NPS REGION FOUR OFFICE
JUL 5 '60
SURNAME | DATE
REG. DIR.
ASST. REG. DIR.
OPERATIONS
ADMIN.
RECREATION
INTERP.
RANGER ACT.

Memorandum

To: Regional Director, Region Four

From: Acting Director

Subject: Water Right Application 10119, Texas Spring, Docket 6, Death Valley National Monument

We have received copy of your memorandum of March 25 to Superintendent Liles transmitting copy of the order of March 16 of the State Water Rights Board, extending the time from December 1, 1959, to December 1, 1961, in which to complete construction and make full use of the 35 gpm from Texas Spring under Water Right Application 10119.

see memo of 7/21 to Supt

In accord with the policy outlined in the Director's memorandum of May 31 to you, no action should be taken with regard to this water right application for the time being other than to continue use of the 35 gpm from Texas Spring, keeping a record of the dates of use and how the water is used.

Hillory A. Tolson

Acting Director

Copy to: Superintendent, Death Valley
Chief, WODC (2)

69

File DEVA docket 6

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Death Valley National Monument
Death Valley, California

IN REPLY REFER TO:
L54

April 29, 1960

RECEIVED
NPS REGION FOUR OFFICE
MAY 2 '60

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

Memorandum

To: Regional Director, Region Four

From: Superintendent, Death Valley

~~X Spaulding~~ LSS 5/2
✓ Manley

Subject: Water Right Application 10119, Texas Spring

take action when Dunn's comments are rec'd.

An order granting an extension of time to complete construction and application of water to the proposed use under the subject application has been received.

We concur that the Texas Spring system should be reported complete on the next progress report and that a petition to change the place of use may be necessary. With Mr. Dunn's concurrence, please prepare the petition.

Granville B. Liles
Superintendent

In duplicate

Copy to: Director (2)
Chief, WODC (2)

68

File DEVA Docket [illegible]; make xerox copies for Dockets 5, 21, 22, 21

RECEIVED
APS REGION FOUR OFFICE
NOV 30 '59

IN REPLY REFER TO:
L 54

	SURNAME	DATE
REG. DIR.		
ASST. R.D.		
OPERATIONS		
ADMIN.		
INTERPRETATION		
PK. RES.		
RANGER ACT.		

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
November 27, 1959

Memorandum

To: Regional Director, Region Four

From: Acting Superintendent, Death Valley

Subject: Water Rights Progress Reports, Death Valley

LSS 12/1
forms mailed to State 12/1 & 12/2

In response to Mr. Wosky's memorandum of November 24, we are listing below the information requested in his memorandum of October 29. We regret the delay in furnishing this information.

The proposal to change the mailing address of the Water Rights from Washington to the Regional Office is certainly agreeable with us.

Furnace Creek Group: Applications 10,001; 10,002; 10,118; 10,119 - Dockets 3,4,5,6.

Your information concerning this group is correct, but no money has yet been spent for the last item: Construction of Pipeline-Corner of 90 acre tract to site of Visitor Center. Originally planned for day labor, this item is now included in the recently awarded contract for construction of water system improvements for Visitor Center area.

Trail Canyon Group: Applications 17,839 and 16,096 - Dockets 25 and 21.

The status of these springs is about the same, as last year, but the pipeline from Blue Cliff Spring to the road has been out all this year, with the result that there has been no use of the spring. The Tarantula Spring report, application number 16,096, should be revised to correspond with the report of last year for Blue Cliff Spring. Visitor use is light, but continues throughout the year, rather than from April to November. Actual use by visitors and prospectors would probably average about 20 gallons per week throughout the year.

Emigrant Canyon Group: Applications 13,852, 15,539, and 16,138 - Docket 22.

The Greenes were in residence at their millsite from January to May. Water from Burns, Covered and Wee Springs was used by the Greenes through May and by caretakers at Detloff's Mill occasionally for the rest of the year. Water is still being used for irrigation, but we are not sure that any other use can be shown next Spring. However, we hope to use the complete flow during road construction in that area.

67

At the time of inspection on April 11, 1959, by Mr. Chesler of the State Water Rights Board, and District Ranger Matt Ryan, Chucker Spring appeared to be dry. No work was done on it and there was no use of water.

Thorndike Spring: Application 8423 - Docket 24.
Monthly travel, Mahogany Flat Road

	Travel	Visitor Day Use		Travel	Visitor Day Use
Nov.	Closed-Snow-15 days		May	200	61
	210	63	June	270	82
Dec.	20	6	July	540	164
Jan.	CLOSED * SNOW		Aug.	120	36
Feb.	" "		Sept.	160	49
Mar.	140	43	Oct.	260	80
Apr.	750	225		2670	809 (No. 1 - out 51)

Number of people in the campground on peak day 83.

Spring flow - Approximately 1 quart per minute.

Work done - Spring cleaning and pipeline maintenance - 40 man hours @ 2.60 = $105.00

We plan to perform some work on this spring during next Summer with maintenance funds in an attempt to increase the flow and improve the collection system.

Saratoga Spring: Applications 8183 and 10171 - Docket 17.

Your suggestion to request licensing now on the basis of present visitor use plus some irrigation use by natural seepage and some reserved for wildlife is probably the practical step to take at this time. It will probably be some time before any funds will be available for development at this Spring. A considerable amount of water is used by campers and prospectors throughout the year, but it amounts to a very small percentage of the total flow. ✓

Willard W. Danielson

Willard W. Danielson
Acting Superintendent

In duplicate

Copy

October 29, 1959

Memorandum

To: Superintendent, Death Valley

From: Regional Chief of Operations, Region Four

Subject: Water Right Progress Report, Death Valley

My memorandum of October 15, Mr. Dunn sent us the 1959 Progress Report forms and the forms for requesting extensions of time for water rights in Death Valley which are due at this time.

We will prepare the forms but we need certain information from you. Our questions and comments are contained in the attachments which group Applications by areas as follows:

Furnace Creek Group: Application 10,001, 10,002: 10,118: 10119 - Dockets 3,4,5,6.

Emigrant Canyon Group: Applications 13,852: 15,539: 16,138 - Docket 22.

Trail Canyon Group: Applications 16,096 and 17,839 Docket 21 and 25.

Thorndike Spring: Application 8423, Docket 24.

Saratoga Springs: Application 8183 and 10,171 Docket 17.

We suggest that for filing purposes the attachments be separated and the sheet pertaining to a particular group of springs be filed in the docket or file for that group.

A general comment we make is that we prepose changing the mailing address of all the Water Rights from Washington to this Office. If agreeable with Mr. Dunn and you, this means that next year the forms will be sent by the State directly to this office.

Please let us have your comments on the particular questions asked in the attachments.

/s/ John B. Wosky
Regional Chief of Operation

Attachments
Copy to: Director (2) w/attachments
LSSpaulding: hat

61

10-29-1959: attached are agree copies of the progress reports and requests for extension of time; october 29, 1959

Copy

FURNACE CREEK GROUP

Applications 10,001, 10,002, 10,118 - Furnace Creek, Docket 3,4,5.

Application 10,119 Texas Spring - Docket 6

Attached are agree copies of the progress reports and requests for extension of time. (Report for 10,001,10,002 and 10,118 are indentical.)

Also attached is our estimate of money expended to date on Furnace Creek Water development. In reference to this last item, please supply the cost figure, as nearly as can be estimated, of the 6-inch pipeline from the corner of the 90 acre tract to the Visitor Center (the last item on the sheet). which we understand was done by day labor.

Please reviwe the drafts of the reports and requests for time extension and let us know if any corrections are needed.

Region Four Office
October 1959

DEATH VALLEY NATIONAL MONUMENT
FURNACE CREEK WATER DEVELOPMENT

Money Expended for Investigations and Development of Water Resources and for Construction of Water System

(Includes direct Regional Office costs but not all Regional and Washington Office Overhead Costs)

Fiscal Year	Item	Account	Amount	Total for Yr.	Total To Date
Total to Date as of October 1955 per request for extension of time					$500
1956					500
1957	Test Trench 1st stage, Labor, materials & equipment		$2,500		
	USGS Investigation		5,500		
	Total			8,000	8,500 1/
1958	Test Trench, Extension April, May - Labor, Material and equipment	143.2	5,318		
	USGS Investigation (Est.)		500	5,818	14,318
1959	Test Well, Roscoe Moss Contract	15-MR-59	6,182		
	Test Well, USGS Supervision (est.)	WASO 550	1,000		
	Test Well, Regional Office, Supervision (portion)	15-MR-59	1,248		
	Test Well, Death Valley NM expenses	15-MR-59	12		
	Construction of Pipeline - Indian Village line to corner of 90 acre tract Contract		7,943		
	Construction of Pipeline - Corner of 90 acre tract to site of Visitor Center (day-labor?)		unknown est. $300	17,190	31,508

1/ $10,500 reported on request for extension of time dated October 23, 1957.

61

L54 - CBL

MAR 11 1959

Memorandum

To: Regional Director, Region Four

From: Assistant Director

Subject: New State Policy Concerning Water for Wildlife in California, and Effect on Rights to Springs, including Application 15,381, Death Valley

Attached are copies of a letter of February 6 from Mr. L. K. Hill, Executive Officer of the State Water Rights Board, with copies of three letters sent to other water claimants, and our reply. Although our reply was not requested within 10 or 15 days, we believe our reply is desirable to defer any limitation on the amount of water from Lower Emigrant and Pioneer Springs which may be used at the Emigrant Checking Station and Stovepipe Wells Hotel.

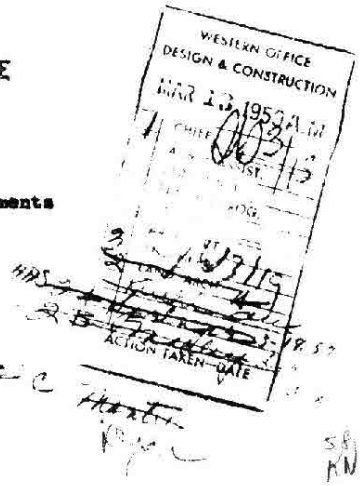
We suggest that you or the Superintendent supplement our reply, if possible, with a better explanation of water which may be available for wildlife nearer these springs, and any provision which may have been made for wildlife at the Lower Emigrant Spring diversion. We are particularly pleased to see California adopting the Washington policy, but believe that it will be more practical to allocate springs than part of the limited flow of all springs to wildlife in Death Valley.

(SGD) JACKSON E. PRICE

Assistant Director

Attachments 4

Copy to: Superintendent, Death Valley, w/c attachments
Chief, WODC, w/c attachments



L54-OEL

3-11-59

Mr. L. K. Hill
Executive Officer
State Water Rights Board
1401 21st Street
P. O. Box 1592
Sacramento 7, California

Re: Application 10,001; 10,002; 10,118; 10,119; and 15,381 - Death Valley

Dear Mr. Hill:

We are particularly interested and in sympathy with the policy adopted by the Board, as described in your letter of February 6 to Mr. Dunn to approve water permits with a special condition there on to assure the public and wildlife of access to water.

The same policy you mention is observed in developing and using water in National Parks and Monuments, which have been estab lished in part to preserve the fish and wildlife therein and to assure enjoyment of such areas by the visiting public. There have even been cases in which water has been appropriated for wildlife needs in states which recognize such needs as a beneficial use. In other cases, we have included similar needs in a claim to water for recreational purposes on the basis that recreational use of a park or monument includes the observation and protection of wildlife in its natural state.

H wever, there are times when a water system can be provided with wildlife watering facilities, and others in which we find it more practical to allocate adjacent sources to the respective human and wildlife needs. This is particularly true in the case of the limited spring flows in Death Valley, and we believe that state regulations might interfere with the park or monument administration in compliance with the laws under which they have been established.

Lower Emigrant and Pioneer Springs have been appropriated for human use under Federal Application 15,381. Rights to the waters of Lower Emigrant Spring have also been established for human use by the General Hotel Company under License 2430. These are only two of a number of small springs within a mile or so, of which some are unappropriated, and others have been appropriated under Applica tion 13,581; 13,582; 15,539; and 16,138. In granting the use of water to miners and prospectors under those of the rights which

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are federally owned, by water use permits, a priority N . 1 is reserved to the United States for incidental public needs. If the Park Service decides that human use of the water is jeopardizing wildlife needs, it will exercise the rights under the first priority to provide watering facilities for both the public and wildlife.

For these reasons, we do not believe that Application 15,371, Permit 9604, should be limited to reservations of water for wildlife. However, we are referring your letter to our Regional Director, Region Four, in San Francisco, for details as to water available for wildlife in the vicinity.

The Superintendent of Death Valley has also submitted a petition to change the point of diversion from Cow Creek under Application 9510, License 4621, and an application for the appropriation of a supplemental supply from the same source, both of January 2. The accompanying drawing NM-DV-6991 shows that a number of lesser springs to the south of the new diversion have been excluded from the spring area. The Superintendent specifically recommended their exclusion to provide water for mountain sheep which frequent the area, and we naturally do not wish those sheep to disturb the domestic supply, to the extent it can be prevented by fencing the designated spring area.

We should hate to have the petition and permit for the supplemental appropriation granted subject to reservation of all the other springs for wildlife without more study by our ecologists. However, we also believe that these rights should be perfected with no reservation of water from the specific sources for wildlife.

We believe that these examples will show the need for special consideration of wildlife needs in Federal applications for the appropriation of water in the National Parks and Monuments. We shall be pleased to include a statement in future applications to describe the wildlife facilities which are being reserved or provided.

Sincerely yours,

(SGD) JACKSON E. PRICE

Assistant Director

Copy to: Regional Director, Region Four
Superintendent, Death Valley
Chief, WODC

68

12-10-1958: mr. albright and i discussed his conference with you and various officials of the national park service in washington ; d

DEATH VALLEY HOTEL COMPANY, Ltd.
630 SHATTO PLACE
LOS ANGELES 5, CALIFORNIA

L 54
1 - Director
2 - R. F. Lee
2 - D. E. Lee
43 - Unit

December 10, 1958

Mr. Conrad L. Wirth, Director
National Park Service
Washington 25, D. C.

Dear Director Wirth:

Death Valley Museum
National Park Service - State of California
Death Valley, California

Mr. Albright and I discussed his conference with you and various officials of the National Park Service in Washington on November 28, 1958 concerning the status of the museum and visitors' center which is to be built on lands donated through our company using funds of $350,000 or more donated by the State of California. It is gratifying to know that the State of California has actually executed the agreement and permit for the financing, development, operation and maintenance of the new museum.

Mr. Albright has informed me that he discussed the source of water for the new museum with various Department officials including yourself. It appears that while you are ready to execute the museum agreement and permit which is fully acceptable to the State of California to enable the solicitation of bids for construction to proceed, your Department officials would like to have our comments on the water intended to be used for the museum since they advise that the State agreement and permit are silent on this point.

We acknowledge your right to 35 gallons of water per minute supplied from Texas Springs and this may continue to be tapped or withdrawn from the pipelines mentioned in Easement "D" of the Easement Deed of July 1, 1955 to us executed by former Assistant Secretary Orme Lewis of the Department of The Interior.

We understand that in relying upon the 35 gallons per minute supply of water mentioned and which will be partially used at the museum, it is not intended by you to "freeze" your Service to this amount of water to the exclusion of any other rights or claims to water that you may have in the Furnace Creek area of the Death Valley National Monument and this shall not

in any way imply an agreement as to our respective rights or claims to water under the Act of July 2, 1958 (72 Stat. 295).

The foregoing leads us to the more comprehensive problems contemplated under the Act and concerning which Acting Director Scoyen of your Service wrote us on September 18, 1958. We are in agreement with you that, when full data are compiled as to available waters and needs in the Furnace Creek Wash area of the Monument for both of us, exploratory conferences will be in order with a view to entering into an agreement defining, fixing and establishing our respective rights to the use of the waters available from the various sources in the Furnace Creek Wash area. We will also be glad to discuss at that time the lands to be exchanged under the Act.

In the light of the foregoing commitments we sincerely hope that you will see your way clear at this time to execute the documents in connection with the museum development program which has been accepted by the State of California in order that construction of the new museum can be undertaken at the earliest possible date to meet the need for an adequate museum and visitors' center in this unique national monument.

Cordially,

J. M. Gerstley

James M. Gerstley
President

cc: Mr. E. T. Scoyen
Acting Director
National Park Service
Washington 25, D. C.

Mr. Horace M. Albright

Exhibit T Exhibit

L 54 Emigrant
Z 54 Emigrant

Docket 6

June 16, 1958

Memorandum

To: Regional Director, Region Four

From: Superintendent, Death Valley

Subject: Extension of Time, Water Rights

Please refer to Mr. Dunn's memorandum of June 2, 1958, to the Regional Director, Region Four, a copy of which was furnished this office. In the last paragraph of page 2, Mr. Dunn requests that certain information be obtained at Emigrant Ranger Station to support another extension of time. The information is identical with that supplied in our memorandum of May 17, 1957, and since there has been no appreciable change in water use we wish to inquire if it is necessary to make another check. Any such check made before September 1 would show a decrease in use by visitors and a corresponding increase in irrigation need but all available water is being put to beneficial use.

We are not adverse to making the check again but thought that the information already supplied might suffice.

Fred W. Binnewies
Superintendent

In duplicate

cc File
cc
FWB:ekm

L54-L

June 2, 1958

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Extensions of Time, Water Rights, Death Valley

The attached copies of orders granting extensions of time until December 1, 1958, are for addition to the Death Valley dockets, which are indicated:

Application 9509, Permit 5380	Docket 2, Cow Creek Power
Application 10,001, Permit 5738	Docket 3, Furnace Creek
Application 10,002, Permit 5339	Docket 4, Furnace Creek
Application 10,118, Permit 5754	Docket 5, Furnace Creek
Application 10,119, Permit 5755	Docket 6, Texas Spring -6
Application 15,381, Permit 9604	Docket 9, Emigrant Spring

The originals are being sent to the Superintendent and copies are being sent to WODC.

Copies of the letter of transmittal of May 26 are also being distributed, and show that the extensions of time have been granted without comment. The correspondence will also show that we had to supply considerable extra support for our requests for extension of time, in order to prevent licensing of less than the authorized or available water, or the cancellation of permits.

We are now preparing an application to change the point of diversion under Applications 9509 and 9510, and a supplemental application for the appropriation of waters of Cow Creek in excess of the authorized 0.446 sec.ft. These may be sufficient to justify another extension of time under Application 9509 if we wish to provide hydroelectric capacity to use 0.446 sec.ft. or more. However, Mr. Bimsewies or Mr. Spaulding suggested during my visit of mid-May that most additional electricity would probably be produced with a diesel until commercial power is available, and that proof for license under Application 9509 might be made on the present installations. Please supply your suggestions as soon as possible.

WESTERN OFF
DESIGN & CONSTR
JUN 4 195
CHIEF

Another request for extensions of time will have to be made for water developments under Applications 10,001; 10,002; and 10,118. I have about all the information there is to offer in support, except as to flows. Mr. Spaulding should supply the records of measurements between now and September 1 on the trench diversion and those from the well points at Inn Tract. It would also help to have some records of the measurements for the same month, say August, for each year available for diversions from the well points. However, the latter records should not be obtained if they are likely to result in difficulties with the Death Valley Hotel Company.

It might be possible to make proof for licensing rights under Application 10,119 if we had accurate records of sufficient people using the campground for a week or week end this past winter. However, Mr. Kunkel weakens such proof by letter indicating that the Park Service was only using about 0.04 of the authorized 0.078 sec.ft. when he measured it. One way to justify a further extension of time is to construct a lateral from the Texas Spring Campground water system to the new museum site, and so report to me by September, if such lateral could take off at any convenient point on the line extending to the Indian Village.

The rights under Application 15381 are for only 0.0067 sec.ft. or 4330 gallons per day, by diversion, and 0.3 acre-foot or 97,735 gallons of storage. We seem to have only 7,000 gallons of storage capacity, and we shall possibly need some more even though not 100,000 gallons. To support another extension of time we should have counted the number of visitors using the comfort stations on one or more peak visitor days last winter (a laborer could be paid from Account 347 to sit and count for a few days). It is too late to do that before December 1 of this year, but should be scheduled next year. As an alternative by about September 1, I should like:

1. Either the count or best estimate of the number who stopped at the ranger station and probably used the facilities either to fill their car radiators or for personal reasons.

2. The area covered by all vegetation which is now irrigated by hose, with name of vegetation. The area of a tamarisk, or other bush or tree should be figured on the assumption that root system spreads over about the same area as the branches.

3. About how much water is used for dust laying per day. The state recognizes about 7.5 to 10.0 gallons per 100 square feet of surface.

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4. About how many gallons per day do miners haul away?

5. Although chargeable to Putnam interests and not the Federal rights, the number of gallons per day that are hauled to Stove Pipe Wells Hotel.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachments

Copy to: Superintendent, Death Valley, w/c attachments
Chief, WUDC, w/c attachments

L-54

Region Four
180 New Montgomery Street
San Francisco 5, California

April 8, 1958

Memorandum

To: Director

From: Regional Chief of Operations, Region Four

Subject: Texas Spring Water System
Docket 6, Death Valley

Mr. Dunn requested by memorandum of March 26 that we prepare a statement for the four water right dockets, listing the 1955 construction and describing the portion and value of the old system retained.

The attached description of the Texas Spring Water System has been prepared, amplified to include all data required for inclusion in the development outline.

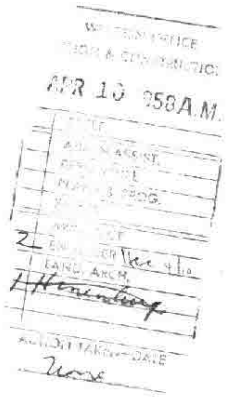
The particular data Mr. Dunn requested are contained under "Cost of System".

(SGD) FRED T. JOHNSTON

Fred T. Johnston
Regional Chief of Operations

Attachment

Copy to: Supt., Death Valley (with attachment)
✓Chief, WODC (with attachment)



LH 4/11

SD KN

Death Valley Docket 6

WATER SYSTEM

Texas Spring Campground
Death Valley National Monument

GENERAL

The system serves Texas Spring Campground and the Indian Village. Prior to the establishment of Death Valley National Monument, the Pacific Coast Borax Company constructed and maintained a water system serving a tourist camp at the campground site. During the 1930s, under the CCC program, springs were improved, supply lines laid, a 20,000 gallon underground concrete reservoir constructed and distribution lines laid. In 1940, the springs serving the campground decreased in flow following improvement by the Borax Company of their existing Texas Spring tunnel. A pipeline extension was laid to connect the system with the Borax Company settling vault near the tunnel. The entire supply now comes from the Hotel Company system.

In 1955, the distribution lines within the campground were replaced, with the exception of the major portion of the main. In the same contract a new supply line was constructed from the Borax Company system to a point on the existing line 369 feet above the reservoir.

WATER RIGHTS

Appropriative Water Right Application 10,119, Permit 5755, was filed February 17, 1941 with the State of California. Details of the appropriation are filed in Death Valley Water Right Docket No. 9.

DRAWINGS

Drawings NMDV 2129A, Water System, Texas Spring Campground and NMDV 6979, National Park Service Diversions at Texas Springs and Furnace Creek Wash, show the system.

SOURCE

The present source is a diverting tunnel owned by the Death Valley Hotel Company, Ltd., driven to intercept the main flow of Texas Springs. The National Park Service supply line connects to the Hotel Company system at a settling box 280 feet from the tunnel portal. The maximum capacity of the diversion to the National Park Service system is unknown, but is more than 35 GPM, the quantity the Borax Company agreed to deliver free of charge and the quantity for which appropriative application was made.

SUPPLY MAINS

Approximately 2730 feet of 2½-inch and 370 feet of 3-inch dipped and wrapped steel pipe, with a capacity when new of 71 GPM, connect the reservoir with the source. The 3-inch line was laid about 1938 and the 2½-inch in 1955. Both are in good condition.

STORAGE

The reservoir is government owned, is located 1600 feet east of the campground at an elevation of 126 feet above sea level, is of reinforced concrete buried flush with ground level, and has a capacity of 20,000 gallons.

TREATMENT None

DISTRIBUTION SYSTEM

A main line runs from the storage reservoir through the campground to the Indian Village. The main consists of 9460 feet of 3-inch wrapped steel pipe laid in the 1930s and about 150 feet of 2½-inch dipped and wrapped steel pipe laid in 1955. The capacity of the main to the center of the campground is probably about 80 GPM. Fifty 1/2-inch faucets are provided throughout the compound connected to the main by 5956 lineal feet of 3/4-inch to 2-inch laterals. Approximately 1000 lineal feet of distribution lines to outside faucets serve the Indian Village.

COST OF SYSTEM

Portion Constructed in 1955 (construction cost)			
Supply line, 2½-inch,	2730 feet	$4911	
Distribution System, campground		6099	
			$11,010
Portion of old system retained (depreciated value)			
Supply line, 3-inch,	370 feet	$ 370	
Reservoir, 20,000 gal. concrete		2000	
Distribution Main, Reservoir to Indian Village,	9460 feet	4780	
Distribution System, Indian Village,	1000 feet	250	
			7,400
Engineering costs			1,000
Total present value of system			$19,410

CONSUMPTION (1956-1957)

Domestic - peak, 35 GPM, by Hersey meter
- average for 6 months, 5 GPM, estimated
Irrigation - average for 12 months, 5 GPM, estimated

L. Spaulding
April 7, 1958

DEVA Docket 6 LeftSide

IN REPLY REFER TO:
L54-L

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

March 26, 1958

RECEIVED
NPS REGION FOUR OFFICE
MAR 31 '58

	SURNAME	DATE
REG. DIR.		
ASST. R.D.		
OPERATIONS		
ADMIN.		
RECREATION		
INTERP.		
LEGAL		

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Texas Springs Water System, Docket 6, Death Valley

Attached copy of completion report on reconstruction of 1954-1955 should be filed in Docket 6.

I believe that this report should be filed below the Progress Report for 1955. However, in this case, I believe that in so doing, we should also have a statement for the four dockets, to list the 1955 construction, and also describe portion and value of old system which is also used. The total may, or may not be the $16,616 claimed in the application for extension of time of last October 23.

A. van V. Dunn
Chief, Water Resources Section

Attachment

Copy to: Superintendent, Death Valley, w/c attachment
Chief, WODC, w/c attachment

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June 20, 1957

STATEMENT

All Federal rights to waters of Furnace Creek, and possibly of Texas Springs, are subject to undefined prior claims of Borax Consolidated, Ltd. For data on claims of Borax Consolidated, Ltd., now part of U.S. Potash and Chemical Company, see Alien Water Right No. 42.

Federal claims are based on applications in Dockets 3, 4, 5 and 6. Company claims are based on development and use, and terms in the Grant of Easements in Alien Water Right No. 42.

(Sgd) A. Van Dunn

A. van V. Dunn
Chief Water Resources Section

COPY

May 10, 1957

Applications 17247, 17248, 17249, 17250
17251, 17252, 17253, 17254

Mr. J. A. Crawford
c/o Mr. W. R. Clardy
714 West Olympic Boulevard Room 610
Los Angeles 15, California

Dear Mr. Crawford

The State Water Rights Board has considered your above numbered applications and is prepared to grant them subject to the following special conditions:

"Permitee shall not construct or maintain fences or other works which may prevent access to water from the source hereunder by the public or wildlife."

Unless we are advised to the contrary within ten days it will be assumed that you have no objection to this special condition, and we will proceed with the issuance of the permits accordingly.

Very truly yours

STATE WATER RIGHTS BOARD

By /s/ Leslie C. Jopson

Leslie C. Jopson
Chief Engineer

WESTERN OFFICE
DESIGN & CONSTRUCTION
APR 29 1957 A.M.
CHIEF
ADMIN. ASSIST.
PERSONNEL
PLANS & PROG.
SAFETY
ARCHITECT
ENGINEER
LAND, A...
ACTION TAKEN—DATE

L54-L

AIR MAIL

April 26, 1957

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Water Claims and Water Resources Study--Cow Creek-Texas and Travertine Springs and Furnace Creek, Death Valley

To supplement our air mail memorandum of April 25 concerning the subject water resources study, we are attaching two copies of each of the following, and sending the same number to Mr. Binnewies by air mail:

1. Copy of Superintendent's letter of June 5, 1940, to Mr. Gower concerning the intercepting of the source of Texas Spring Campground water supply by tunneling at Borax Company spring.

2. Copy of Superintendent's air mail memorandum of October 28, 1940, to Director concerning our pending applications (now 10,001; 10,002; 10,118; and 10,119--Dockets 3, 4 and 5 and 6) for the appropriation of waters of Texas Spring and Furnace Creek.

3. Memorandum of February 27, 1941, concerning conference between Messrs. Drury and Jenifer, and cover memorandum of February 28, 1941, transmitting copy to Regional Director, both relating to the aforesaid applications.

These instruments were not ready on April 25, but should be considered in connection with the water right records in Dockets 1-6 and Alien Water Right No. 42, to determine what more investigations may be needed, if any, and one set should be referred to Mr. Kunkel by you or Mr. Binnewies.

We are distributing copies for Dockets 3, 4, 5 and 6, and Alien Water Right No. 42 by regular mail. They should be filed at the proper place by date in each docket. The copies of Alien Water Right No. 42 are being filed just below the two sheets of Drawing 6967 in Part I, at this time, as support for conditions in the Grant of Easements.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachments 6

Copy to: Superintendent, Death Valley, with 6 attachments - AIR MAIL
Regional Director, Region Four - Reg. Mail) 5 attachments for
Superintendent, Death Valley - Reg. Mail) Dockets 3-6 and
Chief, WSRC, - Reg. Mail) AWR. No. 42
Field Solicitor McClellan (2) w/o attachments

45
KN

Mailed same attachments

L54-L

WESTERN OI
DESIGN & CONS
FEB 25 19
CHIEF
ADMIN. ASSI
PERSONNEL
PLANS & PR
SAFETY
ARCHITECT
ENGINEER
LAND. ARCH
ACTION TAKE

February 20, 1957

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Water Right Applications 9509; 9510; 10,001; 10,002; 10,118; and 10,119; Dockets 1 to 6, Death Valley

Attached letter of February 14 does not indicate that further extensions of time cannot be obtained for the permits under the subject applications, but we will have to be particularly careful about how we handle the matter this next September. It also seems to explain why forms were not received for reports on rights to be licensed as a result of 1956 inspections, which was last covered by memorandum of February 11 from Mr. Johnston.

In the first place Mr. Spencer has returned a copy of our 1955 report under Application 9509, of which we have a copy, and has returned no duplicate of the report on Application 9510, which we lack. It will be appreciated if you, the Superintendent and WODC will check their respective assemblies of Dockets 1 for the 1955 report we lack, and Docket 2 for a lack of the report which seems to have been missent to the State. The Superintendent and WODC should reply through you, and if no 1955 report on Application 9510 can be found, we shall appreciate a photostat copy of both sides of your copy.

The pending license on Application 9510 will authorize the domestic and irrigation use of 0.446 sec.ft. of Cow Creek water at the old Headquarters area. There has been no application to use the rest of that flow and the U.S. now has only the riparian rights of use on the formerly patented Novares tract. For all practical purposes these rights are both safe for two years after the date of the license under Application 9510. During that time we should obtain plans for the new system to serve the new Headquarters, and file amended and supplemental applications as needed.

Further extensions under Application 9509 for the power use may be hard to obtain unless there is evidence of completing the system. The alternative is to make proof on the water use now made through existing hydroelectric units, or amend the application if supplemental power is to be developed along the conduit which appears to be planned, or even under construction, to convey Cow Creek water to the new Headquarters area. The ultimate plans for power should be supplied during the summer so that we may decide what water right action to take.

42
KN

Another extension of time under Applications 10,001; 10,002; 10,118; and 10,119 can probably be justified on the basis of work done during 1957 and the first two months of 1958 F.Y. However, we should obtain plans of the new system from Cow Creek, Texas Spring (PCBCo. tunnel) and Furnace Creek or the test well to be drilled shortly, by about mid-August, with indications of approximate parts to be completed by about mid-September. The accomplished work should include the site of test well, and alternative points of diversion in Furnace Creek drainage if they have been selected by then. The well or alternative points of diversion should be tied to some corner shown on the two sheet of Drawing NM-BB-6967 which supported the grant of easements to the Borax Company. Accomplishments should also include reference to issued invitations for bids, bids, and contracts awarded for construction which has not started. Particular emphasis should be given to construction or planning for the supply line from Furnace Creek or the test well, but we should also have information on the storage and distribution system.

It is assumed that plans will not be sufficiently advanced to permit completion of amended applications and file them by the October 1 deadline. For that reason the requested plans can be photostats of working drawings. Ideally, a single sheet key drawing with elevations, and brief descriptions of reservoir elevations and locations, pipe sizes, pump and motor capacities, will suffice if they permit us to describe the project.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachment

Copy to: Superintendent, Death Valley, w/c attachment
Chief, WODC, w/c attachment

42

12-06-1956: memorandum to regional director, region four from chief, water resources section regarding amendment of water right

Docket #6

154-1

WESTERN DESIGN & CONSTR.
DEC 10 '956
CHIEF
ADMIN.ASSIST.
PERSONNEL
PLANS & PROG.
SAFETY
ARCHITECT
ENGINEER
LAND. ARCH.
ACTION TAKEN

December 6, 1956

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Amendment of Water Rights, Application 10001, 10002, 10118 and 10119, Death Valley

The memorandum of inquiry to you of November 29 from Mr. Simmonds was partially answered in my memorandum of November 27 transmitting prints of Drawings D-978 and 979, but some further explanation seems desirable.

Mr. Simmonds refers to amended Application 10001 but all the designated applications are involved. In addition, some of the related problems concerning interests of the Borax Company in water rights in reference to Alien Water Right No. 42, by exchange, [illegible] rights of the Borax Company [illegible] would be helpful if you have a copy.

At the time Application 10001 and Application 10002 were filed on September 1?, 1940, the Borax Company was using only a part of the water from Furnace Creek Wash and its tributaries, under various dates of first use. Applications 10001 and 10002 were filed to claim 1.50 sec.ft. of the apparent unused flow under that priority. The Borax Company agreed to accept the appropriation after some discussion with this Service. The designated point of diversion was a well reported to have been drilled for test purposes. The well has now become useless and the applications only record the date of a Federal claim to water at a point which must be changed.

The applications and permits have been kept in good standing to the extent that we have obtained extensions of time in which to "complete" construction from the State Engineer. They have become progressively more subject to protest by conflicting claimants during the 16 years in which the United States has neglected to prosecute construction with proper diligence. The potential protestant is the Borax Company which has continued to use increasing amounts of the water.

During 1954 and 1955 the Grant of Utility line easements to the Borax Company was consummated. By mutual agreement, that instrument, which was dated July 1, 1955, and of which copies are filed in Part I of Alien Water Right No. 42, does not relate to water rights. However, the grant of easement reserves Federal rights to make diversions on any [illegible] and at any source used by the Borax Company.

41
KN

One of my main reasons for sponsoring the water resources study which Mr. Kunkel of the Geological Survey is now making, was to determine which sources are not fully diverted by the Borax Company, the quantity of water which is and is not diverted at each source, if possible, and the probable total quantity of undiverted water which probably passes the Borax Company well and goes to waste beyond Furnace Creek Inn. From these data, Mr. Kunkel and NPS engineers should determine where the best Federal water supply can be obtained with the minimum of damage to Borax Company interests.

Assuming that the United States will obtain less polluted water at the sources than in the bottom of the wash, some consideration should be given to Federal reconstruction of some diversion works of the Borax Company, in order to recover water which now goes to waste, and perhaps to obtain head for a gravity system. The next question would be whether the United States should share quite a number of the improved diversion works with the Company, or arrange to take over exclusive control of one or two, and give the Company exclusive control over the additional water which the United States may recover at others.

During the study and planning, an attempt should be made to arrive at a plan that will be agreeable to the Borax Company so that it will not protest the amendment of the water rights to cover the selected point of diversion. One of the first questions for Mr. Kunkel to determine is how much undeveloped water there is and how to obtain it.

If the Borax Company does not agree to such procedure, or if Mr. Kunkel finds that the Company is diverting most of the water, it may then be necessary to define the relative rights of the United States and the Borax Company. One step will be to determine the extent to which diverted water may be in excess of beneficial needs. It might also be necessary to condemn or adjudicate water rights.

We are in a vulnerable spot through failure to construct the water system within a shorter period after 1940, but we may have prevented complete loss of rights through terms in the Grant of Easements. We are also at a disadvantage through failure to obtain Mr. Kunkel's study further in advance of present water system construction schedule.

Regardless of the outcome, I believe that the Borax Company should be fully advised of our intents, and of the value they may derive from Mr. Kunkel's study. This matter should be referred to the Regional and Field Solicitors, but I believe that the United States and the Company are both going to have to cooperate to resolve both of their water right problems. The Company is using a great deal of water which is not covered by county filings which should have been made since 1878 and appropriative applications which should have been filed with the State Engineer since December 19, 1914.

[redacted]

A. van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Death Valley
Western Office of Design and Construction
Field Solicitor McClellan (2)

41

03-19-1956: subject: extension of time in which to complete water system at death valley ; march 19, 1956

In reply refer to:
L 54

March 19, 1956

WESTERN OFFICE
DESIGN & CONSTRUCTION
MAR 22 1956 A.M
CHIEF
ADMIN.ASSIST.
PERSONNEL
PLANS & PROG.
SAFETY
ARCHITECT
ENGINEER
LAND. ARCH.
ACTION TAKEN—DATE

Memorandum

To: Regional Director, Region Four

From: Superintendent, Death Valley

Subject: Extension of Time in Which to Complete Water System at Death Valley

The suggestions in Mr. Dunn's memorandum of February 14 of steps which should be taken to provide further extension of use in connection with the Texas Springs water system, Application 10119, Death Valley Docket No. 6, have been noted and we have taken steps to comply with them.

Some 300 tamerisk cuttings are now being rooted and will be ready to plant in the Texas Springs campground about the middle of April. Some work has already been accomplished to more clearly delineate camping sites, particularly in the trailer campground, but additional work will not be accomplished until next fall.

A chart has been prepared of campground use which shows a very considerable increase in camping over the past 10 years. For example, November 1946 has only 769 visitor days compared with 12,577 for 1955. January - the month of least use during the winter season, increased from 584 in 1946 to 2,247 in 1955. Other months are comparable.

We will also make an attempt to show more use in the Indian Village through irrigation and sprinkling to settle dust. We have a plan to enlarge Texas Spring campground to nearly double its present capacity, and it is included in the 1958 program. Studies are currently being made to improve the water system at Wildrose Station, and a 500 gallon tank was installed temporarily last summer to provide a more dependable supply until a reservoir of adequate size may be constructed. There will be a considerable increase in the use of water from the Cow Creek system, Application 9509, within the near future since the new housing program is to start next year which will require additional water for cooling purposes.

Prospects for obtaining commercial power are decidedly unfavorable at present and the hydraulic plants will have to continue in use for some time.

There are also definite plans for increasing the area of lawns around the residences.

Part of the new water system for the Cow Creek area will be constructed next year which will include a 100,000 gallon reservoir. enclosing the springs on the Nevares property, and construction of approximately 4600 feet of 8" pipeline.

We trust that this information will be enough to convince the State Engineer of our need for, and use of the water so that the final licenses will be approved.

Fred W. Binnewies
Superintendent

Copy to: Chief, WODC

File left side DEVA Docket 6

IN REPLY REFER TO:
L54-L

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

RECEIVED
NPS, REGION FOUR OFFICE
FEB 20 1956

February 14, 1956

	SURNAME	DATE
REG. DIR.		
ASST. R.D.		
OPERATIONS		
ADMIN.		
INTERP.		
LEGAL		

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Requests to State Engineer for Extensions of Time in Which to Complete Water Systems at Death Valley and Yosemite

Copies of the attached letter of February 1 from Assistant State Engineer Jopson are being sent directly to the Superintendents of Death Valley and Yosemite, and to the Western Office of Design and Construction with copies of this memorandum. From our records of the status of developments, and the results of one past inspection, the letter should be a warning to take such steps as are possible to have systems in working order as soon as weather conditions permit.

Mr. Goodwin reported completion in 1944, and State Engineer inspected the Texas Springs water system, Application 10119, Death Valley Docket No. 6, for proof for final license. There were not enough facilities and evidence of use, and the State Engineer's representative deferred action "without prejudice". On my subsequent periodic inspections I have observed that the shrubbery to support irrigation claims had died for lack of water by the time of inspection, and has never been replaced. There are also insufficient marking of camp units, and inadequate fireplaces and camp tables to suggest the heavy usage which has been reported for Easter and some other days of peak visitor use. The authorized use of 0.078 sec.ft. (50,413 gpd) is not enough to justify an irrigation ditch until supplemental water is provided from Furnace Creek. It is adequate for the following, using State Engineer's units:

1. To irrigate between 5.5 and 8.0 acres of lawn, gardens, orchards, or grounds, depending on whether the water is applied by ditch or hose.

2. To sprinkle to allay dust on 11.5 to 15.5 acres.

3. To serve about 2,000 overnight campers who are within reach of the comfort stations.

4. To serve about 6,000 campers who pack water to remote campsites but use the comfort stations.

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5. To serve about 12,000 picnickers.

6. To serve an Indian Village population of between 1,000 and 1,500.

I suggest that some planting within hose irrigation reach of spigots, at once, and orderly arrangement of available camping facilities would help. Mr. Binnewies should also induce the Indian population to clean up their sanitary facilities to suggest more use than has been suggested, and to irrigate such vegetation as there is in their village. Mr. Binnewies should also assemble records of campground use to support maximum water use, with dates which may show some increase on peak days of recent years over peak days of a decade ago.

The only progress to show on Furnace Creek development under Applications 10001, 10002, and 10118, Death Valley Dockets 3, 4 and 5, will be case history. The designated point of diversion at old well is definitely subject to change. The plan to locate museum at Cow Creek, and probable abandonment of plan to irrigate pasture for saddle stock of Borax Company or a concessioner, can be acknowledged as basis for possible future reduction in water claim. On the other hand a larger Texas Spring Campground with irrigated windbreaks and shade may be desired at Texas Spring, and at new airport. We should have at least an up-to-date preliminary plan of development for Texas Spring Campground, Indian Village, and Airport; the records of right-of-utility-way grant to Borax Company, of which copies are now in Water Right No. 42; records of our proposed groundwater study and estimates by Geological Survey; and Mr. Binnewies should be prepared to explain how we are to work out sources of supply based on recognition of relative priorities of Federal and Borax Company claims, in accordance with MISSION 66 estimates. (By a separate memorandum, I am outlining the consolidation of Alien Water Rights 1, 40 and 42.)

The Wildrose Spring System, Application 10276, Death Valley Docket 7, needs storage equal to one or more days of flow, such that one day's flow can be distributed as needed during the day, and replenished during 24 hours through pipe from spring to adequate storage at the lodge. Only 0.02 s.f. (12,926 gpd) are authorized, and spring flow may be less. There should be a 13,000 gallon tank on hill behind lodge, with adequate distribution system to lodge, cottages and comfort stations. We cannot boost visitor use, but should stress the fact that concessioner has recently added bathrooms to all cottages, and that guest capacity will grow with needs.

The Cow Creek Water System, Application 9509, Death Valley Docket 2, is for the use of 0.446 sec.ft. of water for power from one hydroelectric plant. We have two "temporary" smaller, unauthorized units, and there has been a suggestion that commercial power would become available. More water is now available through acquisition of

the Nevares property. Mr. Binnewies can only stress the need for increasing power, including that for the Museum if it is to be open at night or have lighted exhibits, and explain the progress of negotiations for commercial power and potential needs under MISSION 66 plans.

No mention is made of the domestic rights to 0.446 sec.ft. of Cow Creek waters under Application 9510, Death Valley Docket 1, in the letter from Mr. Jopson, but we assume he will inspect it for final license in accordance with the 1954 progress report and forwarding letter of November 17, 1954. The main thing is to see that the irrigation is evident wherever practical, and to have records of employee population, number of homes, number and type of air conditioners and a description of utility area water uses of which car washing may be the greatest.

There will probably be some questioning as to why no supplemental application for the appropriation of the rest of the Cow Creek water has been filed since November 1954, unless such application is filed between now and the time of inspection. The present answer is largely that we have received no plan for the new system with tie to the point of diversion or outline of the expanded area of use to include the Museum. There may even be some complication over licensing the existing rights if water is not still diverted along the boundary of the Nevares Tract. There has been the suggestion that Geological Survey might pin-point a diversion, but I am inclined to believe that we should pick low points in the spring areas determined by T. W. Robinson and show collecting laterals through each spring area, then construct the upper spring area development first, and see whether any lower spring areas dry up as a result. The only complication will be that the lowest diversion will fix maximum elevation for reservoir and power head, and such plan details will have to wait.

The Raynor Creek Water System, Application 6729, Yosemite Docket 1, for the Mariposa Area probably diverts 2.0 sec.ft., but only part of the water is piped directly to facilities while much is released to streams serving headgates of older, independent systems. I have not even been in the Mariposa Area since the new lodge was constructed, and cannot evaluate the use. It would be desirable to make a reproduction of Drawing NP-YOS-6975, now in docket, with existing water systems if they differ from those shown, and with irrigated areas, if any; and for Mr. Preston to supply a tabulation of permanent summer and winter population, and peak season visitors using each area. The information on the lodge should include maximum guest capacity, maximum overnight guests, and maximum transits who obtain meals or soda fountain service. The lodge may also have refrigeration, air conditioning, laundry, heat, and car washing at gas station to support more than normal per capita water use. We are ordering a reproducible print of Drawing 6975 and will send it or the tracing for your purposes in a few days.

My fear is that water releases to Rattlesnake or Big Tree Creeks will be considered wasteful by the State Engineer, and that there

may not be demand for much of the 2.0 sec.ft. of water although it is being diverted without adequate headgate or measuring device. It would help, therefore, if Mr. Preston could supply the suggested data for evaluation and suggestions as to points to stress to State Engineer's representative, as soon as possible.

It is not expected that any extensive construction or rehabilitation can be done with funds available in next few months, but a little judicious "maintenance", and orderly notes for discussion with state representative, may be highly worth while. All state water right officials are now challenging the validity of water right permits which have not been licensed since before the war.

A. van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Death Valley, w/c incoming correspondence
Superintendent, Yosemite, w/c incoming correspondence
WODC, w/c incoming correspondence

In reply refer to:
L54-L

Office of
Chief, Western Office
Div. of Design and Const.
NOV 22 1954 A M
Supv. Architect
Supv. Engineer
pv. Landscape Arch.
fety Engineer

November 17, 1954

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Annual Reports on Water Rights (Dockets 1, 2, 3, 4, 5, 6, 7 and 9) Death Valley

Attached are the copies of annual reports for insertion in the indicated dockets at your office and Death Valley

By reference to the letter transmitting the originals to the State Engineer, copy of which is attached, of which copies are also being distributed, you will note that I have invited a field inspection of the Cow Creek Domestic and Lower Emigrant Spring water systems with a view to possible proof for final licenses. Mr. Binnewies can supply the details of water use at Cow Creek from past correspondence when the representative of the State Engineer calls. I am more doubtful that satisfactory proof can be made on the Emigrant Spring diversion, but it will do no harm to have the matter considered. In both cases, Mr. Binnewies should tell the State representative that we do not want proof at this time if such proof would be for less than the authorized quantity of water.

In connection with the use of water from Emigrant Spring, the ranger residence should require about 250 gpd. A flush toilet uses 3-5 gallons at a time. I guess that a car with a boiling radiator may have from ½ gallon to full tank used, depending on conditions. Barrels and water bags have standard capacities. It seems quite possible that the required 4,300 gallons per day may have been used at the Easter season of most years when the spring flow was adequate.

It is hoped that no serious inspection of Furnace Creek be made. If such is necessary, Mr. Binnewies should be prepared to explain that we are working out water claims of the U. S. and Company in a friendly manner, one step has been the clarification of rights-of-way for the Borax Company during the past year. He can also point out, if necessary, that the Company recognizes a Federal claim to water based on the test well and filings, but

ultimate point of diversion and respective water claims have not been worked out. He might also explain that the Company is getting rights-of-way subject to reservation of Federal rights to divert at same sources, and that both parties have agreed that related water rights are not to be settled or affected by the grant of easements to which no riparian rights shall attach.

(SGD.) A. VAN V. DUNN

A. van V. Dunn
Chief, Water Resources Section

In duplicate

Attachments

Copy to: Western Office of Design and Construction

D.O. 660-04

FILE

Waterhouse
Hill
Maier

January 12, 1953

Memorandum

To: Superintendent, Death Valley NM

From: Acting Regional Director, Region Four

Subject: 1954 F.Y. Construction Program dated December 1, 1952

In the subject program appears an additional item, Water System, Texas Spring U-32, $16,500.

It is hoped that this project will be included in the final approved program.

Herbert Maier
Acting Regional Director

RDWaterhouse:sm

CONFIRMATION

33 LA SF /I-NPS/

SAN FRANCISCO 9-18-51 337P

SUPT

DEATH VALLEY NATL MONUMENT DEATH VALLEY CALIF

FINAL 1952 CONSTRUCTION PROGRAM DATED AUGUST 31, 1951, BASED ON INTERIOR DEPARTMENT APPROPRIATION ACT, DELETES DEATH VALLEY PROJECT U-32 TEXAS SPRING CAMP GROUND WATER SYSTEM $15,200. COPY OF FINAL 1952 PROGRAM BEING MAILED

MERRIAM REGL DIR NPS

1952 31 1951 U-32 DQEJWPP 1952

JHK 400P

09-14-1951: subject: texas springs water system, death valley ; september 14, 1951

FILE COPY

D.V. 660-05 Texas Springs

PETERSON

HOWARD

CHANEY

HILL

Region Four
180 New Montgomery Street
San Francisco 5, California

September 14, 1951

Memorandum

To: Superintendent, Death Valley

From: Assistant Regional Director

Subject: Texas Springs Water System, Death Valley

In your memorandum of September 10 on the above subject, you stated there should be an engineering survey made at an early date so an accurate bill of materials could be determined to prepare bid data for a contract.

The intention of this office is for Engineer Peterson to visit Death Valley in October to do this work, plus a small amount of revision work that must be done on the boundary survey for the airport.

(SGD) SANFORD HILL

Sanford Hill
Assistant Regional Director

LTPeterson:rw

P.S. We may not be able to carry out above schedule if this project is not restored in program.
S.H.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Death Valley National Monument
Box 4, Trona, California

September 10, 1951

Memorandum

To: Regional Director

From: Superintendent, Death Valley

Subject: Texas Springs Water System, Death Valley

Replying to telegram of September 7 regarding Texas Springs Water System, presumably included in the 1952 construction appropriations, we have taken no steps to start this work pending decision whether it should be by contract or force account.

This job will require additional labor and supervision beyond our present strength and, as we are at the limit of housing, it would be a great advantage to contract the job provided a bid could be secured within the allotted amount.

There should be an engineering survey at an early date so that an accurate bill of materials can be determined to prepare bid data.

T. R. Goodwin
Superintendent

RECEIVED
SEP 1 1 1951
REGIONAL FOUR OFFICE

DV-
160-05
Texas

San Francisco, Calif.

UNITED STATES National Park Service

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

MEW
~~Walliser~~
~~Hohl~~
~~Hill~~

PBS Teletype September 7, 1951

Superintendent
Death Valley National Monument
Trona, California

Washington Office tt dated September 4 advises not to obligate any funds Texas Spring Water System pending issuance final 1952 program.

Hill
Assistant Regional Director

Addressee confirmation
Files
Yellows

Message telephoned 1:10 pm 9/7a

MEWalliser:fa

FILE COPY

31

Death Valley

WR #V

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

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

OCT 14 1946
ROUTING | DATE
Mr. Clelland 10-15
FILE 10-5

October 10, 1946.

(10-15-46 cc made for Pinnacles, & for Reg. & Office Pinnacles files.)

(cc 7 memos + reports to Supt, Death Valley 10-15-46) WJC

MEMORANDUM for the Regional Director, Region Four.

The enclosed progress reports, in duplicate, should be attached to the assemblies of Pinnacles Deed 4, and Death Valley Deeds 5, 6, 7, 8, 9, and 11, in your files and those of the respective areas.

These complete the annual reports for areas in California except for a report on the Texas Spring Water Right Application No. 10119, Death Valley Deed No. 10. That water right seems to be considered in a different status now that the attempted proof for license failed. If we do not receive the report form by December, we shall request an explanation from the State Engineer.

A. Edward Dana
Chief, Water Rights Division.

Enclosure 443.
In duplicate.
cc: Regional Director, Region Four (Mammoth Cave).



13

DR 66-16 Texas Spgs

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION FOUR
SAN [illegible] Building, CALIFORNIA

August 28, 1945.

MEMORANDUM for the Director.

We have Mr. Van V. Dunn's memorandum of August 11 concerning irrigation use at Texas Springs Campground, Death Valley National Monument, and note his reference to the irrigating of athel-tamarisk concerning which Forester Thede has commented:

"Do not believe that athel-tamarisk needs as much water as willow. Have observed many such trees growing in the desert at abandoned ranches without any irrigation."

Forester Sanford comments:

"I agree with Thede's comments but have not seen the condition of the plantation for several years."

Field Naturalist Dixon comments:

"The tamarisk tree is not native to Death Valley, therefore, has no standing in court. The mesquite is the native at Texas Springs and requirements should be based on its needs rather than on tamarisk."

Herbert Maier,
Acting Regional Director.

HM:jt
cc: Supt., Death Valley w/enc.



30

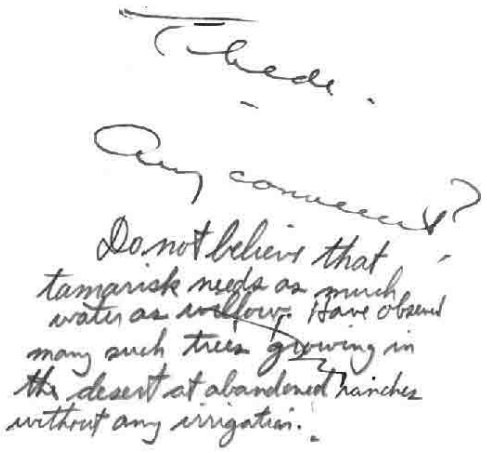
no action
required at
this time.
CC should go to
Goodwin
R

Dick

Any comments?

1. Tamarisk tree is not native to Death Valley therefore has no standing in court.
2. The ~~Mesquite~~ is the native at ~~Texas~~ Spring and requirements should be based on its needs rather than ~~on~~ Tamarisk Joe.


Any comments?
I agree with Hedi's
comments but have not
seen the conditions of
the plantation for
several years


Tamarisk.
Any comments?
Do not believe that tamarisk needs as much water as willows. Have observed many such trees growing in the desert at abandoned ranches without any irrigation.

08-03-1945: two copies of a letter of august 3 from senior hydraulic engineer m. s. edson of the california ; august 11, 1945

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

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

20 45
Office | Date
Maier 8-21
Sanford 8-21
Frontier
Watertown
Regional Office 8-21-45
FILE

August 11, 1945.

MEMORANDUM for the Regional Director, Region Four.

Two copies of a letter of August 3 from Senior Hydraulic Engineer M. S. Edson of the California Division of Water Resources are enclosed for your information. This letter is in reply to my request for a report on the irrigation use at Texas Springs Campground in Death Valley National Monument in order to obtain some idea of the method to follow in converting the gross area to an equivalent area of concentrated development.

Of the gross area (12 acres reported by Mr. Goodwin) it is evident that the Division of Water Resources recognizes 50% or better in roads, camp sites and other non-agricultural use. This bears out my own estimate. It is next evident that Mr. Edson considers the duty of water for athel-tamarisk to be low, while I was informed by fairly reliable sources that it was high (7 or 8 acre-feet per acre per annum, as for willow). I shall try to obtain more information on that point before another proof is needed.

Finally, it will be noted that Mr. Edson stresses the poor condition of the trees. Before any further areas of irrigation are considered for final proof of water use, we should be sure that the vegetation is healthy and sufficiently advanced to demand a maximum of water. That is one place where our Branch of Forestry can assist in the perfection of water rights.

R. Conrad Dunn
Chief, Water Rights Division.

Enclosure 281.
In duplicate.

?



59

D.C. Texas Springs

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Death Valley National Monument

Death Valley, California

L 1945

ROUTING | Date

RDW | 7/14

Crowley Hrs | 7/16

Maier Hrs | 7/16

co Director Hrs | 7/16

July 11, 1945.

Watchouse

MEMORANDUM for the Regional Director, Region Four.

Reference is made to Acting Director Tolson's memorandum of June 28, 1945, on the subject of the recent inspection by the Division of Water Rights, State of California, of the water use from Texas Springs, Furnace Creek area, Death Valley National Monument.

The quotation from our memorandum of May 17, 1944, supplying use data for this area, was in error as respects the date on which this use was based. At the request of Engineer Van Dunn dated May 5, 1944, requesting date of maximum use, we checked the records and found it to be April 9, 1941, and the information supplied was all based on this period, although in transcribing this information a typographical error was made and the year was written as 1944 instead of 1941. This error was not discovered until we checked the records at the time Inspector Kibbey was here, and our representations to Mr. Kibbey were based on this peak date of 1941.

While it is regrettable that we asked for license at that time, no harm was done as Mr. Kibbey understood perfectly the change in conditions due to restrictions on war time traffic and advised our waiting until normal resumption of travel, stating that the existing permit was sufficient protection under present conditions. His visit also was of material benefit as he familiarized himself with our needs and the existing supplies and we can expect full and intelligent cooperation from the State Engineer in our future plans.

As regards irrigation use referred to by Mr. Tolson, in the early days of this administration when Mr. French Gilman was in charge of the nursery he propogated a large number of mesquite seedlings for use in the campground to augment the old mesquite which were native to the area. A considerable number of young mesquite trees were set out by Mr. Gilman and regularly irrigated, the young planting requiring frequent irrigation until deeply rooted. At the time the Pacific Coast Borax Co. accidentally cut off our water supply in constructing their new tunnel it was a critical hot period of the year and a great percentage of the young trees were lost from lack of available water. Those that survived have become deeply rooted and are in the underflow water, as were the original trees, and are doing nicely without artificial watering.

When conditions change and we are able to secure the services of an experienced horticulturist new seedlings will be propogated and set out and

27

COPY

Edward Hyatt, State Engineer
Chief of Division

Earl Warren
Governer of California

C. H. Purcell
Director

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO (5)

Division of Water Resources
401 Public Works Building

August 3, 1945

Application 10119

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

Dear Mr. Tolson:

Referring to your letter of June 28th, concerning the Texas Springs water system in Death Valley National Monument, we will be pleased to postpone license action on this project until after the termination of the war as we are now doing with your other filings.

As you suggest, use of water in irrigating the tamarisk trees on the camp grounds could properly supplement or for the present supplant normal domestic consumption. However, at the time of inspection the trees were seen to be very small and badly stripped by deer and rodents. On the basis of results, the extent of the beneficial use of water was therefore rather questionable and it was thought best to await more favorable developments.

As estimated there were around 5 acres net in plantings under the irrigation system. We have no definite figures on the consumptive requirement of tamarisk trees under extreme desert conditions but from general observations we judge it to be relatively low - say 6000 g.p.d. per acre. Of course that would vary considerably with spacing, root and branch spread, type and depth of soil, windage as affecting ground evaporation and leaf transpiration, but we believe that under average conditions application of the amount stated should produce a reasonably rapid growth.

Very truly yours,

EDWARD HYATT, STATE ENGINEER

By (Sgd.) M. S. Edson
M. S. Edson
Senior Hydraulic Engineer

28

the irrigation needs will again become imperative.

There has been no neglect, as suggested by Mr. Tolson, nor an intentionally erroneous statement - only the regrettable error on dates which caused the misunderstanding.

D.V. Texas Springs

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

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

54

5 1945
ROUTING | Date
7/16
7/6
7-5
7/6

June 28, 1945.

MEMORANDUM for the Regional Director, Region Four.

Reference is made to Mr. Goodwin's memorandum of April 10 to you with regard to final proof for license under Water Right Application 10119, Permit 5755, for the diversion and use of the waters of the Texas Springs in Death Valley National Monument. It is unfortunate that this Service asked the State Engineer to take the time and incur the expense of a field inspection. A review of the files indicates that the action was instigated on data which has since been found erroneous.

The request for the final inspection and proof was made on the basis of a memorandum of May 17, 1944, from Mr. Goodwin to Mr. Dunn, of which two copies are attached. As item 1, it was reported that there were 2,162 people using the Texas Springs Campground on April 9, 1944. By memorandum of May 22 for Mr. Goodwin, Mr. Dunn suggested that 300 of these people may have spent the night and used 35 gallons per capita, while 1,862 merely dropped in to picnic and used 15 gallons per capita. To this Mr. Goodwin replied on May 27 as follows:

> "You are considerably off on your estimate of campground use. There are comparatively few day picnics. Nearly all of the peak load referred to were overnight campers, and at that time large groups from San Jose State, Stockton Teachers College of the Pacific, Boy Scouts and several other school groups were in the campground and remained several nights.
>
> "The reservoir would not begin to furnish supply for so large a number were it not for the fact that 35 g.p.m. were running in constantly."

We now find from the Superintendent's travel report for April 1944 that there were only 2,374 visitors to the Monument during the entire month, staying an average of 2.54 days each to give 6,129 visitor days of use. The same report shows only 113 visitors to all campgrounds in the monument during the month.

At 25 gallons per capita, the 2,162 visitors reported by memoranda would have required all available water. The 213 visitors shown in the travel report, even if all congregated at the Texas Springs Campground for one night, could not have used the water unless they used 257 gallons per capita, which would be preposterous.



26

The attached memorandum of May 17, 1944, also shows 12.25 acres of irrigated land. Mr. Dunn's analysis of May 22, 1944, considered only a small amount of sprinkling by hose, but in his memorandum of May 27 Mr. Goodwin implied considerably more, as follows:

"Irrigation of the Texas Spring Campground is from 2" diameter outlets from the campground mains."

Since the facilities were there, the only remaining question was whether there was enough planted area to justify beneficial use when the water was applied. Tamarisk, like willow, requires so much water that to irrigate a 2.34-acre grove would require all water covered by the water right. There would have to be 5.5 acres of lawn and the more usual types of shrubs to create a beneficial demand for the same quantity. The indications were that even if Mr. Goodwin had quoted gross acreage the water demand was satisfied by approximately 25% vegetation. The fact that Mr. Kibbey could not even recommend a license on the basis of irrigation indicates that there was either a decided neglect of the vegetation between April 1944 and April 1945 or an erroneous statement of the irrigation use a year ago.

To prevent another incident of this type, we suggest that, in the future, field data pertaining to use of water be thoroughly checked by regional technicians before they are transmitted to this Office.

Henry A. Dolson
Acting Director.

Enclosure 254.
In duplicate.

Believe ck to Goodwin all that is necessary — he'll "come back" then.

26

06-22-1945: my dear mr. zander: reference is made to your letter of june 22 in regard to mr. kibbey's inspection of the texas spring

DV Texas Spring

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

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

54

cc sent Goodhue 7/16/45 HZ

June 28, 1945.

Mr. Gordon Zander,
Supervising Hydraulic Engineer,
Department of Public Works,
Sacramento 5, California.

My dear Mr. Zander:

Reference is made to your letter of June 22 in regard to Mr. Kibbey's inspection of the Texas Springs Water System at Death Valley National Monument on April 9 in connection with proof for license under Water Right Application No. 10119, Permit 5755. The request for that inspection was based on some erroneous records of campground use for the spring of 1944, and we regret that we did not discover the fact in time to save Mr. Kibbey the trip.

The remainder of our permits for water use in California are in a suspended status for the duration of the war in accordance with Mr. Conkling's letter of September 16, 1942, to Hydraulic Engineer A. van V. Dunn of this Service. We request that this right be restored to the same status if possible.

Since Mr. Kibbey has made the inspection, we should also appreciate a brief report from him in regard to the irrigation use which he found. Our request was based on reports which implied that full beneficial use could be proved seasonally either for domestic or irrigation purposes. The irrigation of parts of 12.25 acres was supposed to be involved and the tamarisk in the campground is supposed to require about the same duty of water as willow. The problem is to convert the scattered planting of diversified vegetation to a unit for which the duty of water can be stated. If Mr. Kibbey considered this matter, we should like to know what conclusions he reached.

Sincerely yours,

(SGD) HILLORY A. TOLSON

Hillory A. Tolson,
Acting Director.

FOR VICTORY BUY UNITED STATES WAR BONDS AND STAMPS

cc: Regional Director, Region Four (2),
with copy of Mr. Zander's letter of June 22.

25

04-09-1945: dear sir: on april 9th last an inspection was made of construction work and use of the water of texas springs ; june 22,

C O P Y

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
SACRAMENTO (5)

Division of Water Resources
401 Public Works Building

June 22, 1945

Application 10119

The Director
National Park Service
Chicago 54, Illinois

Dear Sir:

On April 9th last an inspection was made of construction work and use of the water of Texas Springs near Furnace Creek Inn in Death Valley. It was found that while there had been a considerable use of water through 1941, thereafter consumption declined rapidly by reason of war conditions and, by comparison, is now more or less nominal.

Confirmation of rights by license has been requested. However, we doubt that under the existing setup your interests would be best served by license action at this time and we would like to hear further from you before proceeding. The reason lies in the provisions of Section 1241 of the California Water Code, which we quote:

"When the person entitled to the use of water fails to beneficially use all or any part of the water claimed by him, for which a right of use has vested, for the purpose for which it was appropriated or adjudicated, for a period of three years, such unused water reverts to the public and shall be regarded as unappropriated public water."

It is considered that as long as an appropriation remains in permit form, for good cause fluctuations in use of water may occur without prejudice to the rights initiated, but that once rights are definitely fixed by license the above provisions apply. In other words, if action in this case is suspended until the use made in 1940 or 1941 is resumed, license could then be issued for the full amount beneficially consumed, not exceeding of course the 50,000 g.p.d. of the permit, but if license is issued now on maximum use of the past 3 years it would be for a smaller amount and doubtless rights to much of that would lapse before Death Valley National Monument is again in full operation. Insofar as this office is concerned there is no particular urgency in the matter under prevailing conditions.

Very truly yours,

EDWARD HYATT, STATE ENGINEER

By (Sgd) Gordon Zander
Gordon Zander
Supervising Hydraulic Engineer

cc: T. R. Goodwin, Supt.
Death Valley Nat'l Monument
Death Valley, Calif.

25

Miss

See no action required as Goodwin appears to have sent Dunn a copy

HM
4/16/45

Texas

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Death Valley National Monument
Death Valley, California

APR 14 1945
ROUTING | Date
Gow Lee 4/16
FILE

April 10, 1945.

MEMORANDUM for the Regional Director, Region Four.

Mr. Kibbey, of the State Engineer's office, made a thorough inspection of the Texas Spring water diversion from the Pacific Coast Borax Company tunnel, the spring formerly used by this Service, the Indian Village, museum site, proposed pasture, and the public camp ground, for the purpose of determining whether or not the state would grant a license to supersede the present permit under which we are obtaining water for these utilities.

Mr. Kibbey was very friendly towards our Service and our needs and gave advice freely and frankly. In his opinion we should reconsider action to secure license during present low-ebb of visitor travel and before the improvements proposed are actually constructed, and continue to operate under permit until we can establish a greater use of water than at present.

He calls to our attention that a license can only be granted for actual amount of water used during the past three years and not on earlier or future use. In this particular case he estimated a higher use in the camp ground than we had submitted due to the two comfort stations not shown in our presentation of this case. On the other hand, he called to our attention that no water had been used for the museum or irrigation of the proposed pasture. If the state were to issue a license at this time he would be obliged to reduce the amounts which we claim.

On the other hand, if we defer request for license until travel conditions are normal and proposed improvements made, we can show actual use of the entire amount claimed. He also disregarded the springs formerly in use which were dried up by the P.C.B.Co. tunnel and confined our diversion to the tunnel itself.

He stated his office would take no final action until further advised by this Service.

T. R. Goodwin,
Superintendent.

cc: Hydraulic Engineer A. Van V. Dunn.

24

D.P. Texas Springs

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

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

April 2, 1945.

AIRMAIL

MEMORANDUM for the Regional Director, Region Four.

Word has just been received that Mr. Biscoe Kibbey, Route 6, Box 8428, Sacramento, of the Division of Water Resources, will inspect the Texas Springs Water System at Death Valley at approximately 11:00 a.m. April 9, calling at the Superintendent's Office first. A notice was also sent to the Superintendent.

It is assumed that Mr. Goodwin or some one on his staff who is thoroughly familiar with the system will be available. If not, other arrangements should be made with Mr. Kibbey, marking the envelope to be held if he is not at his address when it is delivered.

Our interest is to prove full use of 0.078 second-foot of water, and another extension of time should be requested if Mr. Kibbey does not accept the evidence offered. Suggestions on proof were offered in my memoranda of May 22 and June 1, 1944, and Mr. Goodwin's memorandum of May 27, 1944, should be reviewed ahead of time. Mr. Kibbey will be interested in actual dates and population at the campground and Indian Village, and stress must be placed on the irrigation to cover the difference between domestic demand and the full quantity. It will also be desirable to have a good explanation of the arrangements with the Pacific Coast Borax Company, since it tapped the source of the original springs, in order to show the Federal title to water from the Company tunnel.

Please see that the final license and reports are sent to this Office for duplication.

A. Ward Dana
Chief, Water Rights Division.

In duplicate.

cc: Supt., Death Valley, by airmail.



03-08-1945: reference is made to memorandum dated march 8, 1945 ; march 17, 1945

DR

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Death Valley National Monument

Death Valley, California

cc Director HE 3/21

March 17, 1945.

lmm 3/21

MEMORANDUM for the Regional Director, Region Four.

Reference is made to memorandum dated March 8, 1945, of Chief, Water Rights Division Dunn requesting information as to whether field inspection has been made by State Engineer on our application for water rights Application 10119, Permit 5755.

No inspection has been made up to this time.

T. R. Goodwin,
Superintendent.

19

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

cc Death Valley 3/13



March 8, 1945.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

lmsby 3/13

MEMORANDUM for the Regional Director, Region Four.

Please advise whether the State Engineer has made any field inspection in connection with final licensing under Water Right Application 10119, Permit 5755, for diversions from the Texas Springs at Death Valley National Monument. There is probably no reason to press the State Engineer for such action, but we wish to know as soon as final action is taken, or if he does not feel justified in awarding the full quantity of water under the claim.

R. and Dam

Chief, Water Rights Division.

In duplicate.

Superintendent Goodwin: Please advise this Office so we can keep our records current. We will forward a copy of your communication to the Director.

(SGD.) H. MAIER
H. Maier,
Associate Regional Director.

DA Texas Springs

Waterhouse RDW

601 Sheldon Building

June 27, 1944.

MEMORANDUM for the Director.

The following information is for the use of Mr. Dunn in preparing water rights documents for Death Valley National Monument.

At Texas Springs campground the irrigation is by ditch. Approximately 55 acres are so irrigated by about 1500 feet of ditch. The vegetation is of course very sparse but requires much more water than in other areas. Mesquite athel (Tamarisk) cactus, creosote bush and other desert vegetation native to the area. There is no grass such as in the city but there is a coarse variety of desert grass on about three or four acres.

RDW:era

Herbert Maier,
Acting Regional Director.

FILE COPY

17

6-2-44

Dear Bob:

That Plymouth is ~~without~~ a tire and wrench so you had better get me before you ~~start~~ for Death Valley. I was going to tell you before you left but you were not here when I remembered it so there you are.

Wendle wants to get rid of one car and Plymouth looks best unless you have a real love for it which I doubt. Sanford might rather have it than his older (in miles) Chevrolet but think he would want a sedan to haul men.

Hope its not too hot.

Sincerely

Homer Pace

- when you get to Death Valley, please drop in at Texas Springs Campground and see whether irrigation of the area is by ditches or bore. Would also like to know pretty closely the acreage planted and irrigated in terms of equivalent commercial garden. Also, what is the vegetation - athel, grass or what?

Ans 6/27

16

DIT 660-05 113 mar

Region Four.

MAY 28 1944

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
WATER RIGHTS SECTION

SAN FRANCISCO, CALIF.
601 Sheldon Building

May 22, 1944.

MEMORANDUM for the Superintendent,
Death Valley National Monument.

From your memorandum of May 17 it is quite evident that we can prove up for license under Water Right Application 10119, Permit 5755 (Deed 10) provided you actually use ditches or have adequate hose for the irrigation of the Texas Spring Campground. On this basis I have written to the State Engineer for the necessary forms and will forward them for your signature during the next two weeks.

In addition to the question of type and quantity of irrigation conduit there is some uncertainty as to the number of campground users who spent only a few hours and those who spent the night. However, from the master plan I offer the following tentative analysis of water use on April 9, 1944, and request your criticism and suggestions:

54 people in Indian Village at 35 gpc.....	1,750	gallons
3 people at Ranger Station at 50 gpc.....	150	"
1/4 acre irrigated at 1 sec. ft. to 70 acres (1 hose about 10 hours).....	2,300	"
300 people over night in campground at 35 gpc.....	10,500	"
1,862 people picnicking at campground at 15 gpc.....	27,930	"
10 acres irrigated with remainder of flow covered by permit (2 hoses running for about 18 hours or 4 hoses for about 9 hours each).....	7,850	"
Total right to be licensed.....	50,480	gpd

This operation would probably have taxed the 20,000 gallon reservoir capacity pretty much. Hence, for my own information, if no other, I should like more details on the number of over night and part time campers, whether the picnickers were all there at noon or whether a large group came at supper time to compete with the water demand of the over night guests; and more details as to the hours of irrigation, type and number of conduits.

(SGD.) A. VAN V. DUNN

A. van V. Dunn,
Hydraulic Engineer.

cc: Region Four.

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D.C
66-05

5/20
5/23

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Death Valley National Monument

May 17, 1944.

MEMORANDUM for Hydraulic Engineer A. van V. Dunn,
Regional Four Office.

Reference is made to your memorandum of May 5, 1944 regarding established use of water from mains at Texas Springs Camp Grounds, which water is at present supplied by Pacific Coast Borax Company from their Texas Hill tunnel since their operations on this tunnel practically dried up our own water diversion at that point.

1. On April 9, 1944 there were 2162 persons using the Texas Springs Camp Grounds. At that time we were also irrigating approximately 10 acres of shade trees and shrubs at that place. There were two public comfort stations.

2. 10 acres at Texas Springs Camp Grounds,
1/4 acre at ranger residence,
2 acres at Indian Village

3. At that time 54 persons were living in the Indian Village. There was a comfort station in use, with 4 showers, 4 toilets, 4 lavatories, and 10 domestic use faucets in the 10 houses.

4. The Furnace Creek Ranger Station had three occupants. There are in that house 1 toilet, 1 shower, 1 lavatory, 2 kitchen faucets, 2 outside hose bibbs for irrigation of 1/4 acre of grass and shade trees.

The foregoing information should be sufficient to establish whether or not we can perfect this filing in question.

(SGD.) T. R. GOODWIN

T. R. Goodwin,
Superintendent.

14

R on four.

MAY 6 1944

ROUTING | Date

FILE

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WATER RIGHTS SECTION
601 Sheldon Building
San Francisco 5, California

May 5, 1944.

MEMORANDUM for the Superintendent,
Death Valley National Monument.

Reference is made to your memorandum of March 25 regarding the construction of the portion of the pipe line from Texas Springs Campground to the Indian Village under Water Right Application 10,119 (Deed No. 10).

Since this right is only for the diversion and use of 35 gpm (50,400 gpd), and is the sole source of supply for the campground and Indian Village, it seems to me that we may be in a position to prove past full use and obtain the final license. If we were to file our notice of complete application of water this summer we would be ready for the State Engineer's inspection by fall when the weather is again suitable.

You report the completion of the Indian Village extension in March 1937 and you were attempting to establish a tamarisk grove in the campground with irrigation about 1939 or 1940. Will you, therefore, please give me the following information to analyze past water use.

1. Pick the date, or several days when the campground had maximum attendance while you were irrigating the campground and give me those dates and the number of overnight campers and picnickers, respectively. (These dates should also be after flush toilets were provided.)

2. Give the approximate area of the tamarisk groves being irrigated.

3. Verify the claim in the application that the population of the Indian Village was about 40, and advise of the extent to which they were provided with flush toilets and baths. Also, since I am not familiar with Indian habits, give your idea of their per capita water use per day. (We allow 35 gpc for overnight white campers, 15 gpc for picnickers, and about 85 gpc for whites in normal residences, as a guide. Of course, with no flush toilets 5 gpc would be about the limit at a campground or the Indian Village.

13

03-25-1944: reference is made to your memo of march 25 regarding construction of the portion of the pipe line from texas springs

4. Advise whether the ranger station at the corner of the Furnace Creek Ranch was served by this system on that date and if so give number of occupants and number and type of fixtures connected.

This idea of perfecting the right is only a possibility. We do not wish to attempt it unless we are sure we can prove beneficial use of the whole 50,400 gpd. Hence any further opinion you may have will be appreciated.

(SGD.) A. VAN V. DUNN
A. van V. Dunn,
Hydraulic Engineer.

cc: Region Four.

13

D.O. 666-85

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Death Valley National Monument

MAR 29 1944

March 25, 1944.

MEMORANDUM for the Regional Director, Region Four.

Referring to recent memorandum from Mr. van Dunn asking for information regarding the pipe line between Texas Springs Campground and the Indian Village.

The material for this CCC project was put out on bids and purchased by the Indian Service and we have never had the cost figures. We took the matter up with the Indian Service at Carson and asked them for their costs on this pipe and have just received a reply to the effect they cannot locate the information desired. However, we do have the job completion on the CCC project which shows that there were 6500 ft. of 3" asphalt-dipped and wrapped steel pipe and that the work was completed in March, 1937, and the completion record approved by Perry Gage on August 6, 1937. Apparently the total number of man days used were 160.

You can no doubt obtain an approximate estimate of cost of this size pipe with Dayton couplings and use a later figure for the man days, which will furnish the valuation for the line desired by Mr. van Dunn.

T. R. Goodwin,
Superintendent.

DT
660-05
Eric

Region Four.
FEB 16 1944

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

WATER RIGHTS SECTION
601 Sheldon Building
San Francisco 5, California

February 16, 1944.
FILE

MEMORANDUM for the Superintendent,
Death Valley National Monument.

Reference is made to your memorandum of January 11, 1944, with regard to the Project Control Program, in which you advise that the Texas Springs pipe line has been extended to the Indian village with 3" pipe with funds of the Indian Service. This is an important item to state in the annual progress report to show diligence in perfection of the water right, but because of the present deferred status of the claim it may be well to hold it a year or two, particularly if the rest of the development is not included in the post war construction. For use when needed, will you please advise as to the year of construction and its cost.



cc: Director.
Region Four.

A. van V. Dunn,
Hydraulic Engineer.

10-08-1943: reference is made to your letter to the state engineer of october 8, 1943 ; october 18, 1943

D.O. 660-08

Region Four.

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
WATER RIGHTS SECTION
SAN FRANCISCO
601 Sheldon Building

OCT 20 1943
ROUTING | Date
Key
Conkling Sheldon

October 18, 1943.

MEMORANDUM for the Superintendent,
Death Valley National Monument.

Reference is made to your letter to the State Engineer of October 8, 1943, with regard to the progress reports for the Cow Creek water system at Death Valley under Applications 9509 and 9510.

From Mr. Conkling's letter of September 16, 1943, of which you have a copy, we believe that he wishes an annual progress report for each application which he can place in each file to show our continuing interest in the system. We enclose a copy for your file, of the reports which we have just sent in connection with the two applications in question.

There will be similar reports to cover the other applications listed on the reverse of the report. As I am leaving for Chicago in a few days, to be gone until after all reports must be in on December 1, 1943, I enclose the other reports for your signature and transmittal at this time. The originals only are enclosed, a copy of each report being retained here until we get additional blanks from the State Engineer. Will you please advise us as to who signs the reports and the date in order that we may make this notation on the copies that we will prepare for the various Park Service offices.

As you receive the blank forms from the State Engineer, covering these same reports, will you please forward them to us for future use as duplicates next year.

(SGD.) A VAN V. DUNN

A. van V. Dunn,
Hydraulic Engineer.

Enclosure 338.

cc: Director
Region Four
Supt., Yosemite)with similar reports for their
Supt., Lassen)areas to be executed in the
Custodian, Pinnacles)same manner.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

February 28, 1941.

MEMORANDUM for the Regional Director, Region IV:

A telegram was sent by Director Drury to you yesterday, reading as follows:

> "In meeting today with Jenifer and Albright a clear cut statement made of respective purposes of Borax Company and Service precluding necessity of developing cooperatively master plan suggested in Washington Office conference with you. Copy of statement being mailed to you."

There is enclosed a copy of the joint statement resulting from the conference on February 27. It is largely self-explanatory, and it removes the apprehension of this Service that we should be obliged to meet a protest against the pending applications for the appropriation of water from Furnace Creek Wash in Death Valley National Monument. It also removes the apprehension of the Pacific Coast Borax Company that it would be obliged to submit its claims to some kind of adjudication by reason of our filings. It therefore appears that there will be no contest at this time, and our plans for putting to beneficial use the water to be appropriated under the pending applications may proceed without further hindrance. Neither party intends to waive any claims which it may choose to advance in the future. That is, the Borax Company will be free to object later if our diversion interferes with a vested right claimed by it, and this Service will be free to take an adverse position with regard to such claims. If there is ample water in Furnace Creek Wash, there need be no contest within the foreseeable future. The Borax Company will remain free to consider its present claims as vested rights on any basis it chooses.

The third numbered paragraph in the statement is intended to leave open the possibility of changing the location of the diversion point specified in the pending applications, should later amendments for that purpose appear desirable.

(SGD) A. E. DEMARAY

Enclosure 2662489

Acting Director.

cc: Supt., Death Valley Natl. Monument (with copy of enclosure).
Associate Attorney Johnsen - " " " "
Regional Attorney Taylor - " " " "
Chief of Engineering.
Chief of Planning.
Mr. Barton.

Handing fine by ALJ 6/23/41

7

Mr. Taylor
Mr. Vint

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

Surnamed by Moskey, Demaray

Mr. Barton MB

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

February 27, 1941.

MEMORANDUM Re:

Conference held at the suggestion of Director Drury in his office on February 27, 1941, for the purpose of clarifying the positions of the National Park Service and the Pacific Coast Borax Company with regard to the pending applications for the appropriation of water from Furnace Creek Wash in Death Valley National Monument.

The conference was attended by Mr. F. M. Jenifer, President of the Pacific Coast Borax Company, Horace M. Albright, Director Drury, Associate Director Demaray, Chief Counsel Moskey, and Attorney Barton of the National Park Service.

It appears that each party had misunderstood the purposes and intentions of the other; the Park Service being under the impression that the Borax Company intended to protest its application for water and in turn the Borax Company believing from certain correspondence and statements made that the application contemplated an adjudication of all water rights at Furnace Creek and vicinity.

In order to clarify the situation:

1. The National Park Service stated that the application and amendments did not contemplate the diversion and use of more than approximately 1.5 second feet, including the 35 gallons per minute applied for from Texas Springs; that the application does not contemplate an adjudication of the waters of Furnace Creek and vicinity.

2. The Company stated that it did not propose to contest the granting of the National Park Service applications.

4

3. In the event that the Park Service Engineer concludes that some more feasible or economical plan than that referred to in the applications is possible, the Company stated that it would be very glad to discuss and consider such a plan with a view to cooperating with the National Park Service.

Newton B. Drury
Director, National Park Service.

F. M. Smith
President, Pacific Coast Borax Co.

10-25-1940: the superintendent had a long conference on october 25, 1940 ; october 28, 1940

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Death Valley National Monument
California

Air Mail October 28, 1940.

Memorandum to the Director, National Park Service:

The Superintendent had a long conference on October 25, 1940 with Mr. F. M. Jennifer, Vice President and General Manager of the Pacific Coast Borax Company and Harry P. Gower, General Superintendent for that company at Death Valley.

Two important matters were discussed quite freely and frankly, the first concerning the water situation and the second the question of lower cost accommodations in Death Valley National Monument.

WATER SITUATION:

First, regarding the cutting off of the Monument water supply at Texas Springs. This was entirely accidental and unexpected during their tunneling operation on the other side of the Texas Spring hill. A connection has been provided to their junction box, and we are authorized to connect our Texas Spring main to this connection. They will supply without charge 35 gallons per minute, the maximum amount we had developed previous to the interruption.

Regarding our pending water application in Furnace Creek, they expressed concern over this at the present time for the following reasons: their intake from the Furnace Creek source has not been completed as the present flow is only siphoned from the surface of the underground flow. A tunnel has been started to tap this flow at a greater depth. Fear was expressed that our appropriation, being higher up the wash, might reduce their present flow or at least prevent their securing any greater quantity than at present and make the work done on the lower intake wasted time and money.

Mr. Jennifer believes as we do that there is considerably more water in Furnace Creek than is being used, probably sufficient for all their anticipated needs and our own as well, but of course this is a surmise and no facts exist to support it.

He was frank to express thefact that rapid expansion of the Furnace Creek area will require more water for the Service as well as his company and proposed that we connect with their mains rather attempt a second development. When questioned as to whether they would oppose our application, he stated he doubted if they would consider such a step advisable even if we persisted in going ahead with the appropriation, but that they had asked for a 30-day delay in hopes that a plan could be worked out for joint development rather than rivalry.

He expects to go to Washington within a couple of weeks and discuss the matter, probably requesting us to postpone or delay our

application until such time as they can further explore the water possibilities of the underground flow.

I agreed to submit these views without comment as while I fully appreciate the large amounts of money they are spending to provide increased facilities for Monument visitors and their need of additional water, I feel strongly that some agreement should be reached to protect our own future needs in the area if we do not go ahead with a parallel water development.

LOW COST HOUSING:

For several years past the Superintendent has viewed with increased concern the fact that most of the developments of the Pacific Coast Borax Company have been toward higher standards of housing and feeding; and while they have at the same time revised prices downward, there exists no provision for the visitor of the lower income brackets or the large family traveling on a limited budget. This matter has in the past been a subject of frequent conversations between the Superintendent and Mr. Jennifer without tangible results.

At the meeting of October 25, 1940, Mr. Jennifer was in a much more receptive mood and instructed Superintendent Gower to obtain costs on erection of tent or portable houses which could be rented at prices below the present minimum of $2.00 per night. He also made the statement that they proposed to construct in the near future a considerable number of modern stucco cabins; and when this was done, the present galvanized iron cabins would be moved into a different area and rented at lower prices.

These substantial proposals are gratifying, if carried out, as it has always been the opinion of the writer that continued educational efforts would sooner or later have their effect and obviate the possible necessity for ruinous competition to obtain the desires results. The Pacific Coast Borax Company are in a strong position with an investment of more than two million dollars in their Death Valley utilities. A Service sponsored competitor would find it very difficult to compete should they see fit to drive him out by price cutting, which they could well afford to do to obtain a clear field, and eventually they would again be in control of the situation. If they can be induced to cooperate more fully as time goes on, it would serve our purposes and policies, and a spirit of harmony and agreement would be far more desirable than continual antagonism.

Undoubtedly Mr. Jennifer will be in Washington early in November to discuss these matters with the Director.

(Sgd. T. R. Goodwin
Superintendent

cc: Regional Director, Region IV

(COPY)

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June 5, 1940

Mr Harry F. Gower, Superintendent
Pacific Coast Borax Company
Death Valley Jct; California

My dear Mr. Gower:

We are seriously concerned over the almost complete loss of water from the main spring above the Texas Springs Campground which has occurred since your tunneling operations on the other side of the hill from which this water originates.

For about six years this spring has averaged approximately 25 gallons per minute which supplied the Texas Springs Campground, the ranger residence at Furnace Creek Ranch and the entire Indian Village.

At the beginning of your tunneling opeations, this and the other small springs above the campground all showed increased flow but later began to fall off and recently the main sping gradually dwindled until at present there is only between three and four gallons per minute.

We dug out the intake to make sure there was no obstruction but the water is gone and apparently your operations have closed the rock crevice through which it flows or else it has been unwittingly diverted into your own supply.

The situation even now is very bad as, although the campground will not be occupied until Fall, there is not sufficient water for our ranger station and the Indian village.

You will recollect that four years ago I put a crew on these springs to develop them as fully as possible and at your request shut down this work as you were afraid it might reduce your own supply.

It appears now that the opposite situation has occurred and you have cut off ours.

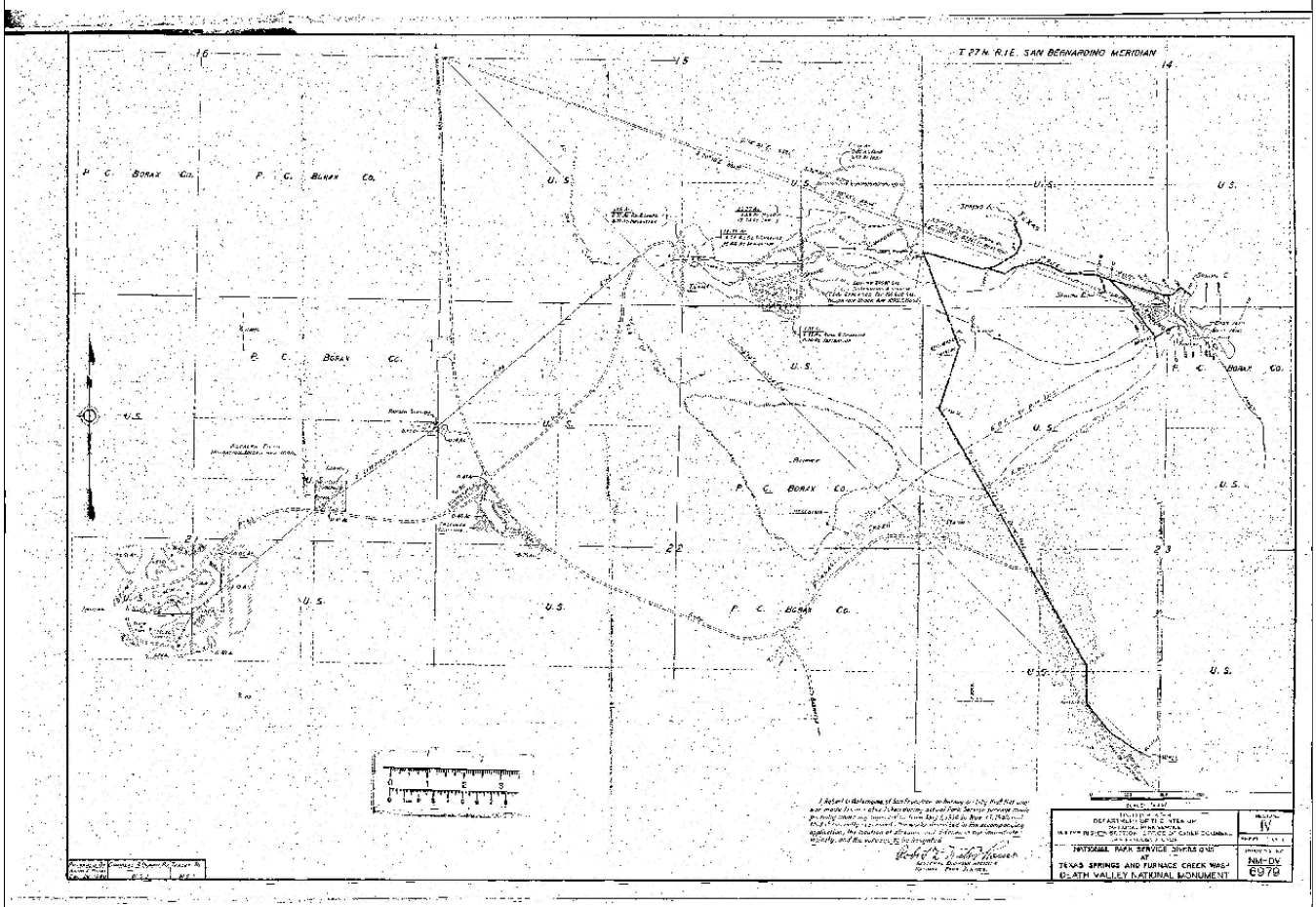
Sincerely

CC- Regional Attorney Jos. E. Taylor

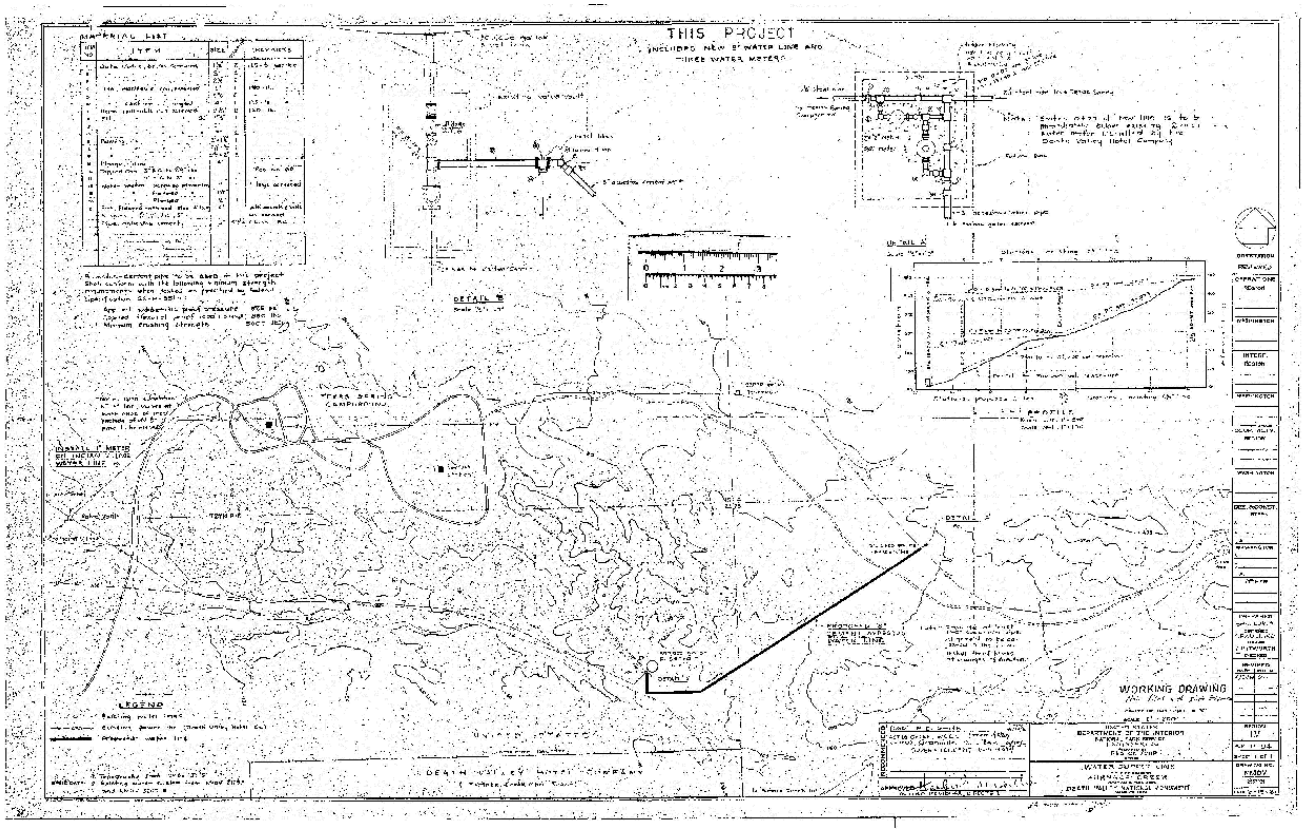
T. R. Goodwin
Superintendent

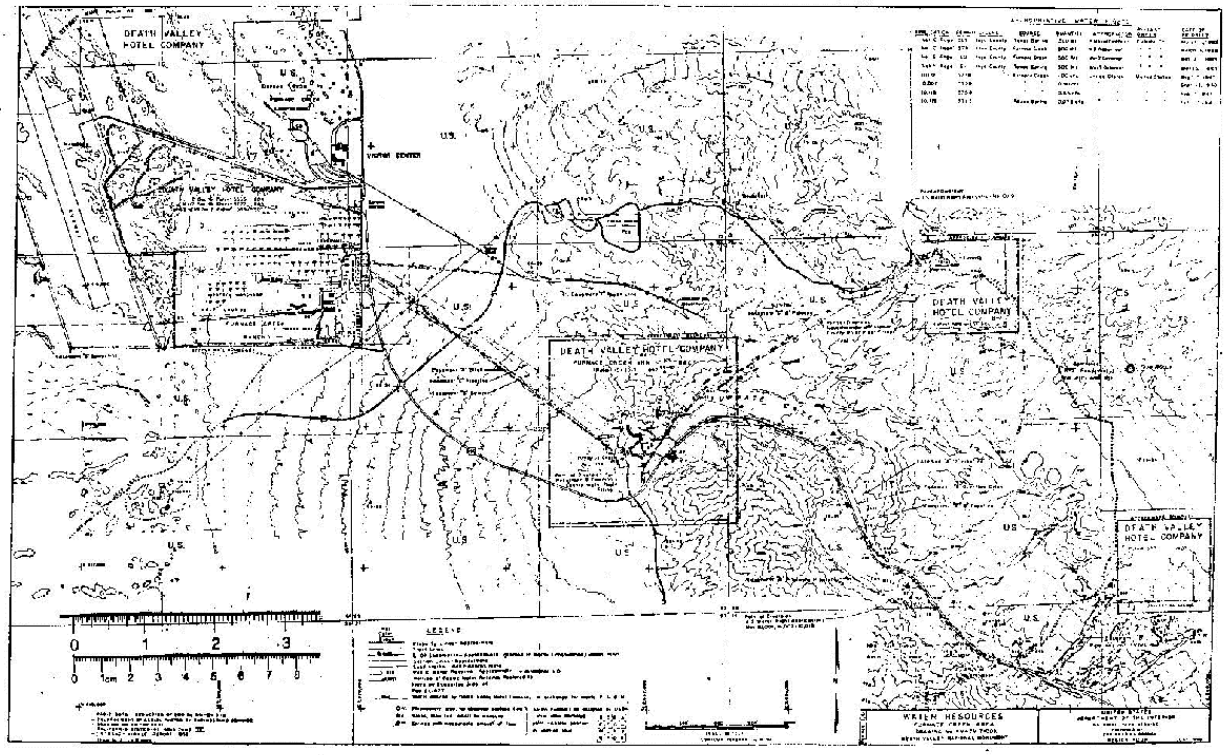
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T. 27 N. R. 1 E. SAN BERNARDINO MERIDIAN
P. C. BORAX CO.
U. S.
NATIONAL PARK SERVICE DRAWING
TEXAS SPRINGS AND FURNACE CREEK WASH
DEATH VALLEY NATIONAL MONUMENT
NM-DV
6979

06-15-1961: working drawing - water supply line





Docket Information

Number of Documents in Docket 258

Documents Dated from 6/5/1940 to 7/10/2012

Docket Compiled: 7/11/2012