



WATER-RIGHT DOCKET

Death Valley National Park

Docket No: 18

WILDROSE JUNCTION SPRING #1

Preliminary Docket Information

05-04-1979: docket description ; may 04, 1979

DOCKET (FILE) TITLE		DATE: May 4, 1979
REGION	Western	ANPA Death Valley National Monument
SITE	Wildrose Junction Spring #1	
STATE	California	COUNTY Inyo DOCKET NO WR #18
LOCATION	NW 1/4 SE 1/4 Sec. 22 T19S R44E	
REGIONAL BASIN	LOCAL BASIN	
ACQUIRED BY	Reservation	
APPLICATION	PERMIT	CERTIFICATE
ACTION DUE	PRIORITY	RESERVATION March 26, 1937
QUANTITY	USE	
STATUS	Active	SOURCE Surface Water - Spring
REMARKS	Hydrologic Unit #18090204	
NARRATIVE:		
A small concrete spring well of about 500 gallon capacity collects water from the spring and a pipeline carries it to the campground at the Wildrose Road Junction. No state filings were made even though the forms were filled out; because this source is located on reserved lands a reserved right can be asserted for the use of this water.		
Compiled by T. Kern		
Approved by		

Docket 13
FILE IN DUPLICATE[For full information concerning the filling out of this form refer to
Article 4 of Rules and Regulations Pertaining to Appropriation of Water]STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES
STATE ENGINEERApplication No. _____ Filed _____ at _____ M.
(Applicant must not fill in the above blanks)

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

I, The United States of America by Conrad L. Wirth, Director, National
Park Service, for Death Valley National Monument,
of The Department of the Interior ~~xxxxxxx~~ Washington 25
Address _____~~Street~~ District of Columbia, do hereby make application for a permit to appropriate the
following described unappropriated waters of the State of California, **SUBJECT TO VESTED RIGHTS:**

Source, Amount, Use and Location of Diversion Works

1. The source of the proposed appropriation is Wildrose Junction Spring No. 1
located in Inyo County, tributary to Panamint (Dry) Lake
Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed

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 300 gallons per day ~~xxxxxxx~~
1 cubic foot per second equals 40
square meter's inches or 646,317
gallons per day
second, to be diverted from January 1 to December 31 of each year.
Beginning date Closing date(b) For diversion to be stored and later applied to beneficial use none ~~xxxxxxx~~ xxxxxxx acre-feet
1 acre-foot equals 325,851 gallons
per annum, to be collected between _____ and _____ of each season.
Beginning date Closing dateNOTE.—Answer (a) or (b) or both (a) and (b) as may be necessary. If amount under (a) is less than .025 cubic foot per second, state in
gallons per day. Neither the amount 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
Domestic, irrigation, power, municipal, mining, industrial, recreational
purposes.4. The point of diversion is to be located N-82-30 W 12, 300 feet from SW corner Sec. 19,
T 19 S, R 45 E, MDB&M
State bearing and distance or coordinate distances from section or quarter section cornerbeing within the NW 1/4 SE 1/4 of unsurveyed
State 40-acre subdivision of U. S. Government survey or projection thereof
Section 22, T. 19 S, R. 44 E, MD B. & M., in the County of Inyo
unsurveyed5. The main conduit terminates in NW 1/4 SE 1/4 of Sec. 22, T. 19 S, R. 44 E, MD 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 from _____
Sump, offset well, _____ consisting of small concrete
(b) Diversion will be by gravity, the diverting of ~~xxxxxxx~~ spring well of about 500 gallon capacity.
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 None
NameThe 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 _____
Cross out two not used
 feet; depth of water _____ feet; length _____ feet; grade _____ feet per 1,000 feet; materials
 of construction _____
Earth, rock, timber, etc.

(b) Pipe line: Diameter $\frac{3}{4}$ inches; length 8 feet; grade 20 feet per
 1,000 feet; total fall from intake to outlet negligible feet; kind galvanized iron
Riveted steel, concrete, 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 conduit or pumping plant proposed is 2 gallons per minute
State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is \$100.00
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~~ completed

Construction work will be completed ~~on or before~~ is completed

The water will be completely applied to the proposed use on or before December 31, 1960

Description of Proposed Use

11. Place of Use. Small public campground in road loop at Wildrose Road Junction

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 of all 40-acre tracts, describe area in a general way and show detail upon map.
and at adjacent roadside in central portion of SE $\frac{1}{4}$ of unsurveyed Sec. 22, T 19 N, R 44 E, MDB&M in Death Valley National Monument

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, give name and address of owner and state what arrangements have been made with him.

12. Domestic Use. Domestic use is proposed as follows: The aforesaid public campground

Describe nature of use which may include stock water and the irrigation of domestic gardens not exceeding one-half acre with each place of residence. State number and kind of stock to be watered, number of houses and people to be served.
accommodates about 6 families. The water is also used by motorists, miners and prospectors travelling the road from Trona into Death Valley.

The amount for which application is made was determined by estimated spring flow at times.
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 Closing date

The land to be irrigated has another water right or source of water supply other than that herein applied for. The nature
no other
 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 $\times$ fall $\div$ 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 the nozzle to be used is _____ inches.

The water will be returned to _____ in _____ of
will not Name stream State 40-acre subdivision

Sec. _____, Tp. _____, R. _____, B. & M

There is no normal surface spring flow beyond the spring area. Next existing lower appropriation under Application 10276 is by the claimant herein.

APPLICANT MUST NOT FILL IN BLANKS BELOW

PERMIT No. _____

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:

1. The amount of water appropriated shall be limited to the amount which can be beneficially used, and shall not exceed

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 _____ 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 _____

5. Complete application of the water to the proposed use shall be made on or before _____

6. Progress reports shall be filed promptly by permittee on forms which will be provided annually by the State Engineer 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 Department acting through the State Engineer in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water.

This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1390. A permit 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 1391. Every permit 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 permit is issued takes it subject to the conditions therein expressed.

Section 1392. Every permittee, if he accepts a permit, 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 permit 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 permittee 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 permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Witness my hand and the seal of the
Department of Public Works of the State of California
this _____ day of _____ 19____

A. D. EDMONSTON,
State Engineer

Other Supporting Information



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

September 21, 1960

Memorandum

To: Regional Director, Region Four
From: Chief, Water Resources Section
Subject: SUP-DEVA 14-60 to USGS, and Water Claims for Wildrose District
Headquarters, Docket 18, Death Valley

My memorandum of August 31 was written as a general suggestion, to prevent the issuing of needless permits to the U. S. Geological Survey. There is no objection to the permits but there would be a large number if one were issued for each gauging station installed in connection with the studies which this Service is annually requesting the Survey to make. The Survey is now installing a dozen, or more gauges in the Everglades, for an example, as part of a continuing study of surface and groundwater resources and the related influence of tides, but no permits are being issued.

As an exception, in the last paragraph, I referred to permits which have been issued for gauges at Glacier, which are purely for State and international water studies. Mr. Wosky's memorandum of September 1 to the Superintendent suggests that the gauge in the Wildrose area is of the latter type. Please refer to Drawing 6988, of which prints should be in Dockets 18, 19 and 20, the draft of application in those dockets, and my memorandum of August 30, 1954, by which they were transmitted.

The first observation is that SUP 14-60 appears to cover a gauge at the source of the water for the old Summer Headquarters, now the District Headquarters. The water from this source may, or may not be the same as that which recurs at the small campground in the road loop in the SE¹/₄ Sec. 22, and at the spring in SE¹/₄ Sec. 21 which serves the Wildrose Lodge. It may, or may not, recur near the Monument boundary, some miles further down, at the Canyon mouth.

The Superintendent was having some trouble in 1954 and before with prospectors who located mining and millsite claims on, or adjacent to the Summer Headquarters and the road loop in Section 22. Messrs. Troeger and Troster were also filing claims to waters of Jail Canyon and other sources for use near the Monument boundary (Alien Water Rights 36 and 38). The drafts of the applications which are in Dockets 18, 19 and 20, were prepared for partial protection of the Federal interests, and seem to have been shelved when the mining regulations were amended, and the Thorndyke tract, Docket 24, was acquired.

File 254 DEVA
IN REPLY REFER TO:
L54-RECEIVED
NPS REGION FOUR OFFICE
SEP 26 '60
SURNAME DATE
G. DIR.
G. CO.
G. DIVISION
G. DATE
G. TIME

SUP 14-60
has nothing
to do with
water claims
for the
District.
J.S.

With the change of Superintendents and Mr. Spaulding's reassignment, I believe that all of the above references should be followed up. The gauging station seems to be most closely related to the Monument water problems. I also believe that the applications in Dockets 18, 19 and 20 should be revised if necessary, and filed; and that the Thorndyke rights should be amended and perfected unless the NPS development can be made in conformity with riparian rights appurtenant to the patented Thorndyke tract. SUP 14-60 might also be duplicated for Docket 18 if the gauge is for use in defining the rights for the District Headquarters.



A. van V. Dunn
Chief, Water Resources Section

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



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

October 12, 1960

IN REPLY REFER TO:
L54-OBL

RECEIVED	
MPS REGION FOUR OFFICE	
OCT 13 '60	
SURNAME DATE	
REG. DIR.	
ASST. R.D.	
OPERATIONS	
ADMIN.	
RECREATION	
INTERP.	
RANGER ACT	

155 10/19
Spaulding
Whitworth
See memo 10/25/60

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: SUP No. DEVA 14-60 to USGS for Use of Land for Gauging Station, Wild Rose Canyon, Death Valley National Monument

The permit to USGS seems proper, as suggested in Mr. Wosky's memorandum of September 19 to the Superintendent, because the gauge is for State wide water resources studies and not for a Park Service study.

I am surprised by the suggestion of the amount of stream flow in Mr. Littlefield's letter of August 8, because most of the water was picked up by the Headquarters Water System when I looked at that reach of the "Canyon" and the residual "springs" between the band of the Trona Road and the source of the Lodge supply. The measurements should be of value to this Service as well as the State.

These records, together with those probably being made near the Monument boundary, will suggest whether Park Service appropriations for the Wildrose Headquarters and Lodge have any effect on the lower flows appropriated or claimed by others near the mouth of the Canyon at the Monument boundary. There is even a suggestion that the State interest has arisen from water right applications of Messrs. Troeger or Troster, of which the Park Service has protested some. We should have a check on the water developments at, or near the Monument boundary on Wildrose and Jail Canyons. See Alien Water Rights 36 and 38 for partial leads.

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

Copy to: Superintendent, Death Valley

In reply refer to:

L54-L

Office of Chief, Western Office Div. of Design and Const.
SEP 20 1954 A.M.
Supr. Architect
1- Supr. Engineer <i>Mcg/27</i>
Supr. Landscape Arch.
Safety Engineer
<i>Franklin</i>
<i>McArthur</i>
<i>B. G. G.</i>

September 14, 1954

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Water Right Docket Numbers--Death Valley National Monument

Docket No. 17 has been assigned to the assembly of records of Saratoga Springs, and the Wildrose Summer Headquarters Water System, as pointed out in your memorandum of September 8, 1954. Please change the number on folder for Wildrose Summer Headquarters System to No. 20, to follow instead of precede the Dockets 18 and 19 for the two Wildrose Springs.

In suggesting that Mr. Peterson might review the applications, in my memorandum of August 30, I had hoped he could save another field inspection by a new man because of his familiarity with the conditions. However, if Mr. Spaulding is to be the new engineer at Death Valley, he will doubtless wish to familiarize himself with the entire matter.

(SGD:) A. van V. DUNN.

A. van V. Dunn
Chief, Water Resources Section

In duplicate

Copy to: Western Office, Division of Design and Construction

In reply refer to:

154

2

September 8, 1954

Office of Chief, Western Office Div. of Design and Const.	
SEP 9 1954 A.M.	
Supv. Engineer	12/24
Supv. Landscape Arch.	
Safety Engineer	
Spaulding PSS	

Memorandum

To: Superintendent, Death Valley
From: Regional Chief of Lands, Region Four
Subject: Water Rights Applications for Wildrose Area, Death Valley

You have apparently received copy of Mr. Dunn's memorandum of August 30 on the above subject, together with folders for Dockets 17, 18, and 19.

You will have noticed that Mr. Dunn had suggested that Mr. Peterson could check and conform the technical details. Since Mr. Peterson is now, and has been for some time, residing in and assigned to the Yosemite National Park, it would not be possible for him to check these details. In this connection, it is our understanding that Mr. Spaulding will come down to Death Valley at the end of this month, and it is suggested that he look into this as soon as is reasonably convenient.

Mr. Spaulding may wish to communicate with the Design and Construction Office on the subject; however, his early comments will be appreciated. Incidentally, it is possible that one of these Docket Numbers will be changed since our files show that Saratoga Springs has already been given Docket No. 17.

E. P. Manbey
Regional Chief of Lands

Copy to: The Director
Western Office, Div. of
Design and Construction

AN

In reply refer to:

154-1

Office
Chief, Western
Div. of Design and Construction

SEP 7 1954 A.M.

Supv. Architect

Supv. Engineer

Supv. Landscape Arch.

Safety Engineer

August 30, 1954

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Water Rights Applications for Wildrose Area, Death Valley

Attached are one copy of each of the applications for the appropriation of:

1. Underground flow of Wildrose Canyon for the Summer Headquarters.
2. Wildrose Junction Spring No. 1.
3. Wildrose Junction Spring No. 2.

We also attach your folders for each of the dockets, to be numbered 17, 18 and 19. A print of the supporting map is enclosed in each folder, and similar folders are being sent directly to the Superintendent, and to the Western Office of Design and Construction, with copies of this memorandum.

It is believed that Mr. Peterson is best qualified to check and confirm the technical details. Thereafter, the application should be reviewed in all three interested offices, and returned to us with any suggested changes.

In each application, I have attempted to claim the total flow, based on past reports terminating with the memorandum of March 22 from Mr. Goodwin. This is to discourage parallel appropriations by prospectors, and to establish Federal title to the water they may also use under future permits.

The memorandum of March 22 indicates that the Summer Headquarters Water System diverts, or can divert, more water than the pipeline can deliver to the existing reservoir. It is also possible that there may be a future demand for more water from the system than can be delivered to those tanks, even though the Summer

7
1/10

Headquarters seems to be scheduled for reduced future occupancy. Accordingly, I have provided for enlargement within about 5 years, and we can obtain an extension of time when necessary. Apparently the full use could be made by providing storage of a days ground water yield at the source, placing a float valve on the existing tanks, and drawing from both regulatory storage capacities. The pipe seems to have ample capacity to the 4-way tee at the lower end of the Headquarters area, and full use is not now possible only because the demand is not uniform throughout the day.

The copies of the applications for the dockets will be distributed after they are accepted by the State Engineer and the permits are granted.

SIGNED

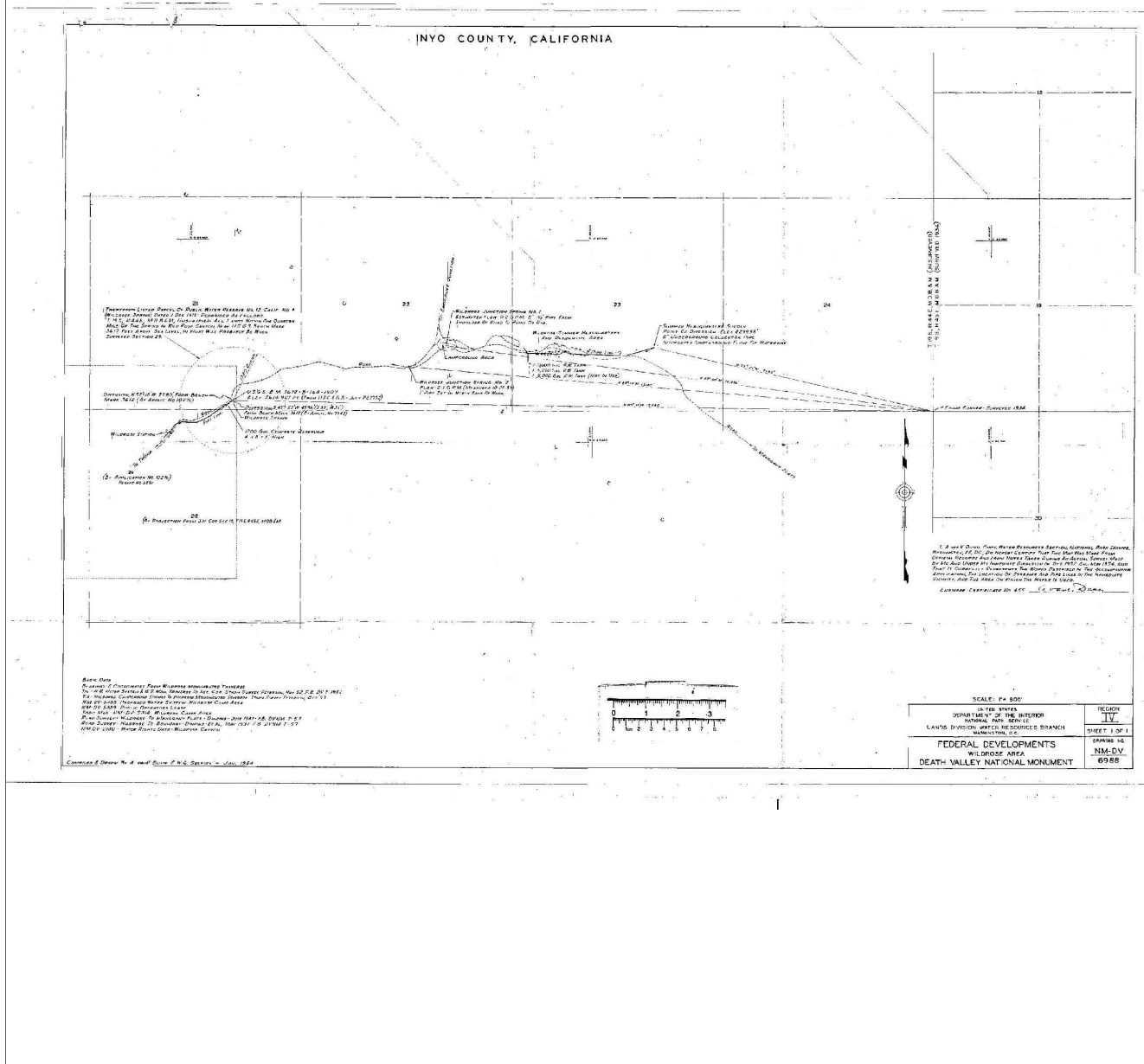
A. van V. Dunn
Chief, Water Resources Section

Attachments 6

Copy to: Superintendent, Death Valley with copy of attachment
Western Office of Design and Construction with copy of attachment

7

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Docket Information

Number of Documents in Docket 14

Documents Dated from 1/15/1954 to 5/4/1979

Docket Compiled: 2/16/2011