



# WATER-RIGHT DOCKET

## Lassen Volcanic National Park

Docket No: 6

### SUMMIT LAKE WATER SYSTEM

#### Preliminary Docket Information

00-00-0000: water right/source docket information

|                                              |                                              |                         |                               |
|----------------------------------------------|----------------------------------------------|-------------------------|-------------------------------|
| WATER RESOURCES/WATER RIGHT                  |                                              | DATE: September 7, 1977 |                               |
| <u>WATER RIGHT/SOURCE DOCKET INFORMATION</u> |                                              |                         |                               |
| REGION                                       | Western                                      | AREA                    | Lassen Volcanic National Park |
| SITE                                         | Summit Lake Water System                     |                         |                               |
| STATE                                        | California                                   | COUNTY                  | Shasta                        |
|                                              |                                              | DOCKET NO               | WR #6                         |
| LOCATION                                     | Sec. 4, T <sup>30</sup> <sub>11N</sub> , R5E |                         |                               |
| REGIONAL BASIN                               |                                              | LOCAL BASIN             |                               |
| ACQUIRED BY                                  |                                              |                         |                               |
| APPLICATION                                  | PERMIT                                       | CERTIFICATE             |                               |
| ACTION DUE                                   | PRIORITY                                     | RESERVATION             |                               |
| QUANTITY                                     | USE                                          |                         |                               |
| STATUS                                       | Active                                       | SOURCE                  | Lake                          |
| REMARKS                                      | hydrology unit #18020003                     |                         |                               |

**NARRATIVE:** The National Park Service improved the water system at Summit Lake in 1958. The project involved replacing a surface intake on Summit Lake with a small dam and a sand inlet. Tile pipe laid in the sand inlet led to the new water distribution system, which consisted of 4 inch pipelines, drains, and campground and fire hydrants. A sewage system, comprised of a septic tank and effluent field, was also installed. The water system at Summit Lake apparently had been used for some years prior to 1958. There is no record of any State filing in the docket.

Compiled by Kevin Kidder

Approved by W. Werrell

Page 1 of 1

12-30-1958  
(Rev. 8-58)

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE

COMPLETION REPORT OF CONSTRUCTION PROJECT

|                                                                                |                                              |                                                       |                                             |
|--------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------|---------------------------------------------|
| REGION<br><b>Four</b>                                                          | AREA<br><b>Lassen Volcanic National Park</b> | COUNTY<br><b>Shasta</b>                               | STATE<br><b>California</b>                  |
| PROJECT OR JOB TITLE<br><b>Construction of Water and Sewer</b>                 |                                              |                                                       | PCP NO.<br><b>U-78-2</b>                    |
| LOCATION IN AREA<br><b>Summit Lake</b>                                         |                                              | MASTER PLAN NO.<br><b>NP-LV-2102-F</b>                | BUILDING NO.                                |
| WORKING DRAWING NO. AND TITLE<br><b>NP-LV-3120-A, Water and Sewer</b>          |                                              |                                                       |                                             |
| APPROPRIATION TITLE AND SYMBOL                                                 |                                              |                                                       | WORK ORDER NO.<br><b>B-2</b>                |
| CONTRACT NO.<br><b>14-10-434-277</b>                                           |                                              | DATE WORK STARTED<br><b>Aug. 4, 1958</b>              | DATE WORK COMPLETED<br><b>Oct. 13, 1958</b> |
| NAME OF CONTRACTOR<br><b>Fogle Plumbing &amp; Underground Construction Co.</b> |                                              | ADDRESS<br><b>6969 Eastside Road, Redding, Calif.</b> |                                             |

COST ANALYSIS

| CONSTRUCTION ITEMS          | QTY.         | UNIT COST IN PLACE | TOTAL COST IN PLACE |
|-----------------------------|--------------|--------------------|---------------------|
| <u>Water</u>                |              |                    |                     |
| 1. 4" C.I. Pipe             | 2,414.5 L.F. | 5.00               | 12,072.50           |
| 2. 2" G. S. Pipe            | 373.5 L.F.   | 2.50               | 933.75              |
| 3. 1" G. S. Pipe            | 26 L.F.      | 1.75               | 45.50               |
| 4. 3/4" G. S. Pipe          | 30 "         | 1.50               | 45.00               |
| 5. 4" Gate Valve            | 2 ea.        | 100.00             | 200.00              |
| 6. 2" Gate Valve            | 2 ea.        | 60.00              | 120.00              |
| 7. 3/4" campground hydrants | 3 ea.        | 30.00              | 90.00               |
| 8. 1 1/2" fire hydrant      | 1 ea.        | 70.00              | 70.00               |
| <u>Sewer</u>                |              |                    |                     |
| 1. Septic tank              | 2 ea.        | 1,800.00           | 3,600.00            |
| 2. Effluent field           | 2 ea.        | 1,750.00           | 3,500.00            |
| 3. 4" V.C. Pipe             | 78.5 L.F.    | 3.00               | 235.50              |
| 4. 4" C.I. Pipe             | 35 L.F.      | 3.50               | 122.50              |
| Change Order No. 1          |              |                    |                     |
| 8" G. S. Pipe               | 260 L.F.     | 4.00               | 1,040.00            |
| Gravel                      | 30 c.y.      | 15.00              | 570.00              |
| <b>FISCAL CLEARANCE</b>     |              |                    | <b>3,965.10</b>     |
| <b>FISCAL CLEARANCE:</b>    |              | <b>TOTAL</b>       | <b>26,609.85</b>    |

SUMMARY OF EXPENDITURES

|                                               |                      |                        |       |
|-----------------------------------------------|----------------------|------------------------|-------|
| PERSONAL SERVICES                             | EQUIPMENT            | MATERIALS AND SUPPLIES |       |
| OTHER<br><b>Contract Payments \$22,644.75</b> |                      |                        |       |
| CHANGE ORDERS                                 |                      |                        |       |
| ORIGINAL CONTRACT AMOUNT<br>\$ 20,745.00      | FIRST<br>\$ 1,610.00 | SECOND                 | THIRD |
| FINAL CONTRACT AMOUNT<br>\$ 22,644.75         | FOURTH               | FIFTH                  | SIXTH |

THIS PROJECT OR JOB HAS BEEN COMPLETED IN ACCORDANCE WITH  
APPROVED DRAWINGS, SPECIFICATIONS, AUTHORIZED CHANGES

|                                                                                 |                              |
|---------------------------------------------------------------------------------|------------------------------|
| SUBMITTED BY (Name and title)<br><b>James T. Brooks, Highway Engineer</b>       | DATE<br><b>Dec. 1958</b>     |
| APPROVED BY (Name and title)<br><b>Richard G. Brasil, Acting Superintendent</b> | DATE<br><b>Dec. 20, 1958</b> |

(ATTACH NARRATIVE STATEMENT, PHOTOGRAPHS, AND "AS BUILT" DRAWINGS TO THIS FORM)

NARRATIVE STATEMENT

Construction of water and sewer at Summit Lake, Lassen Volcanic National Park.

DESCRIPTION. This project called for replacing a 2" pipe line with a 4" pipe and constructing campground hydrants, drains, fire hydrants, and making connections and providing a sewer system for two new comfort stations in Summit Lake campgrounds.

Plans and supervision of construction were by WODC.

WORK ACCOMPLISHED. The work included in the contract was to build approximately 2500 feet of 4" C.I. pipe mains, approximately 400 feet of 2" pipe line, valves, drains, and hydrants, and to construct septic tanks and leaching fields for two comfort stations.

PROJECT ACTIVITIES. The contractor began work in August and completed the contract in October.

Change Order No. 1 was to provide a perforated pipe drain near the sewer leaching field south campground so as to lower the ground water table thus permitting the leaching field to work.

The work resulted in a usable facility; however, schedules II and III must be constructed to make adequate water available in the campground. Schedules II and III should be constructed next summer as the pipe is to be placed in the campground roadways. These roadways are rough graded and surfacing them is being delayed until these pipes are laid.

NOTE: This project was part of the contract for "Construction of Water and Sewer and Water System Intake."

Form 10-174  
(Rev. 8-56)

UNITED STATES DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE  
**COMPLETION REPORT OF CONSTRUCTION PROJECT**

|                                                                                |                                              |                                                           |                                             |
|--------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------|---------------------------------------------|
| SECTION<br><b>Four</b>                                                         | AREA<br><b>Lassen Volcanic National Park</b> | COUNTY<br><b>Shasta</b>                                   | STATE<br><b>California</b>                  |
| PROJECT OR JOB TITLE<br><b>Construction of Water System Intake</b>             |                                              |                                                           | PCP NO.<br><b>U-89-1</b>                    |
| LOCATION IN AREA<br><b>Summit Lake</b>                                         |                                              | MASTER PLAN NO.<br><b>NP-LV-2102-E</b>                    | BUILDING NO.                                |
| WORKING DRAWING NO. AND TITLE<br><b>NP-LV-3118-A, Water System Intake</b>      |                                              |                                                           | WORK ORDER NO.<br><b>B-1</b>                |
| APPROPRIATION TITLE AND SYMBOL                                                 |                                              |                                                           |                                             |
| CONTRACT NO.<br><b>14-10-434-277</b>                                           |                                              | DATE WORK STARTED<br><b>Aug. 4, 1958</b>                  | DATE WORK COMPLETED<br><b>Oct. 13, 1958</b> |
| NAME OF CONTRACTOR<br><b>Fogle Plumbing &amp; Underground Construction Co.</b> |                                              | ADDRESS<br><b>6969 Eastside Road, Redding, California</b> |                                             |

**COST ANALYSIS**

| CONSTRUCTION ITEMS               | QTY. | UNIT COST<br>IN PLACE | TOTAL COST<br>IN PLACE |
|----------------------------------|------|-----------------------|------------------------|
| <u>Alternate "A" of Contract</u> |      |                       |                        |
| Dam and Intake                   | 1    | L.S.                  | 2,550.00               |
| FS&S Cost                        |      |                       | 446.51                 |
| FISCAL CLEARANCE: _____          |      |                       | 2,996.51               |
| TOTAL                            |      |                       | <del>2,550.00</del>    |

**SUMMARY OF EXPENDITURES**

|                                         |           |                        |
|-----------------------------------------|-----------|------------------------|
| PERSONAL SERVICES                       | EQUIPMENT | MATERIALS AND SUPPLIES |
| OTHER<br>Contract Payments \$2,550.00   |           |                        |
| ORIGINAL CONTRACT AMOUNT<br>\$ 2,550.00 | FIRST     | SECOND                 |
| FINAL CONTRACT AMOUNT<br>\$ 2,550.00    | FOURTH    | FIFTH                  |
|                                         |           | SIXTH                  |

THIS PROJECT OR JOB HAS BEEN COMPLETED IN ACCORDANCE WITH  
APPROVED DRAWINGS, SPECIFICATIONS, AUTHORIZED CHANGES

|                                                                           |                          |
|---------------------------------------------------------------------------|--------------------------|
| SUBMITTED BY (Name and title)<br><b>James T. Brooks, Highway Engineer</b> | DATE<br><b>Dec. 1958</b> |
| APPROVED BY (Name and title)<br><b>Richard G. Brasil</b>                  | DATE<br><b>12/30/58</b>  |

(ATTACH NARRATIVE STATEMENT, PHOTOGRAPHS, AND "AS BUILT" DRAWINGS TO THIS FORM)

NARRATIVE STATEMENT

Construction of water system intake at Summit Lake, Lassen Volcanic National Park.

DESCRIPTION. This project called for replacing an existing surface inlet with a sand filter inlet.

Plans and supervision of construction were by WODC.

WORK ACCOMPLISHED. The work included in the contract was to build a small dam, lay tile pipe in the sand filter and connect with the existing system.

PROJECT ACTIVITIES. The contractor began work in August and completed the contract in October.

The work resulted in a usable facility.

NOTE: This project was part of the contract for "Construction of Water and Sewer and Water System Intake."

Other Supporting Information



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

October 30, 1959

Site LAVO Docket 6

IN REPLY REFER TO:

L54-OBL

| RECEIVED               |      |
|------------------------|------|
| NPS REGION FOUR OFFICE |      |
| NOV - 2 '59            |      |
| SURNAME                | DATE |
| REG. DIR.              |      |
| ASST. R.D.             |      |
| OPERATIONS             |      |
| ADMIN.                 |      |
| RECREATION             |      |
| INTERP.                |      |
| RANGER ACT             |      |

*L54 11/2*  
*for man by*

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Transmittal of Docket 6, Summit Lake Water System, Lassen  
Volcanic N.P.

Attached is your copy of the subject docket which now contains only completion reports dated December 20, 1958, and December 30, 1958. The report covers reconstruction of a water system which has been in use for many years. The docket folder is being provided for assembly of records of water development and use from their first initiation to the ultimate stage when the public use of the particular area will become reasonably static. The completed assembly will be one of those to define the Federal water claims for the California parks. Although the folder provides space for recording application, permit, and license, the form of record to be filed with the State will be determined later.

A map of the water system should be prepared, showing the system covered by the completion report, and also older systems replaced or enlarged, and distributed for inclusion in the docket. Memoranda, or other forms of historical statements should also be prepared to describe progressive stages of the water development and the use of older wells, springs, or other water sources, with dates, and included as a part of the historical background of the water claims.

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

Attachment

Copy to: Superintendent, Lassen, w/identical docket assembly  
Chief, WODC (2), w/identical docket assembly

Docket Information

Number of Documents in Docket 6

Documents Dated from 12/30/1958 to 10/30/1959

Docket Compiled: 4/26/2011