



Lassen Volcanic National Park

Docket Number: 6

SUMMIT LAKE WATER SYSTEM

Preliminary Docket Information

January 12, 2015

MEMO TO FILE

In 2014, the State of California suffered the third consecutive year of extreme drought. In January 2014, the Governor declared a drought emergency. The State Water Resources Control Board issued projections for the summer of 2014 as to likely calls for curtailment in the state's major watersheds.

In response, WRB contacted all of the NPS units in California regarding the drought and offered WRB's services to assist in preparations for potential calls for curtailment. A few parks responded, and WRB prepared drought assessments for SEKI, YOSE, and LAVO, and also worked with PINN and WHIS. The drought assessments included an inventory of the park's rights and uses, an assessment of the relative seniority of the parks rights, and an estimation of the likelihood of the park's rights being called for curtailment. In spring 2014, WRB sent to SEKI, YOSE, and LAVO the drought assessments with recommendations to ensure that park water needs were protected.

In summer 2014, the Board did issue calls for curtailment of post-1914 rights in order to protect the diversions of senior rights (pre-1914 and riparian). In addition, the State legislature passed laws regarding the management of groundwater—the first legislation regarding groundwater in the State's history. As a result of these developments, WRB updated the drought assessment and provided a final hardcopy to SEKI, LAVO, and YOSE, reflecting these developments.

Given the size of the drought assessment, one hard copy was put into Docket #1 of each park. In the remaining dockets, this Memo to File has been placed, referring readers to the drought assessment located in Docket #1.

Eric Lord
Water Rights Specialist
January 2015

WATER RESOURCES/WATER RIGHT

DATE: September 7, 1977

WATER RIGHT/SOURCE DOCKET INFORMATION

REGION Western AREA Lassen Volcanic National Park
SITE Summit Lake Water System
STATE California COUNTY Shasta DOCKET NO WR #6
LOCATION Sec. 4, T³⁰~~31~~N, R5E
REGIONAL BASIN _____ LOCAL BASIN _____
ACQUIRED BY _____
APPLICATION _____ PERMIT _____ CERTIFICATE _____
ACTION DUE _____ PRIORITY _____ RESERVATION _____
QUANTITY _____ USE _____
STATUS Active SOURCE Lake

REMARKS hydrologic 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 KidderApproved by W. WerrellPage 1 of 1

06 DATA

Lassen Volcanic National Park

SUMMIT LAKE WATER SYSTEM

Supporting Hydrologic Data

Form 10-174
(Rev. 8-56)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

COMPLETION REPORT OF CONSTRUCTION PROJECT

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

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
FISCAL CLEARANCE			
PS&S COSTS			
TOTAL			26,609.85

FISCAL CLEARANCE:

SUMMARY OF EXPENDITURES

PERSONAL SERVICES	EQUIPMENT	MATERIALS AND SUPPLIES
OTHER		
Contract Payments	\$22,644.75	

ORIGINAL CONTRACT AMOUNT	FIRST	SECOND	THIRD
\$ 20,745.00	\$ 1,610.00		
FINAL CONTRACT AMOUNT	FOURTH	FIFTH	SIXTH
\$ 22,644.75			

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

SUBMITTED BY (Name and title) James T. Brooks, Highway Engineer	DATE Dec. 1958
APPROVED BY (Name and title) Richard G. Frasil, Acting Superintendent	DATE Dec. 20, 1958

(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

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

COST ANALYSIS

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

FISCAL CLEARANCE

Roland V. Johnson
 Roland V. Johnson
 Regional Finance Officer
 Date SEP 28 1959

SUMMARY OF EXPENDITURES

PERSONAL SERVICES	EQUIPMENT	MATERIALS AND SUPPLIES
OTHER	Contract Payments \$2,550.00	

ORIGINAL CONTRACT AMOUNT	CHANGE ORDERS		
	FIRST	SECOND	THIRD
\$ 2,550.00			
FINAL CONTRACT AMOUNT	FOURTH	FIFTH	SIXTH
\$ 2,550.00			

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

SUBMITTED BY (Name and title) James T. Brooks, Highway Engineer	DATE Dec. 1958
APPROVED BY (Name and title) <i>Richard G. Prasil</i> Richard G. Prasil, Acting Superintendent	DATE 12/30/58

(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."

07 OTHER

Lassen Volcanic National Park

SUMMIT LAKE WATER SYSTEM

Other Supporting Information



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

October 30, 1959

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	

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

LSS 11/2
W. J. Manley

Docket Information

Number of Documents in Docket : 8

Documents Dated from : 12-30-1958 to 01-07-2025

Docket Compiled: 1/27/2025