



Lassen Volcanic National Park

Docket Number: 7

MANZANITA CREEK

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 RIGHT/SOURCE DOCKET INFORMATION

REGION Western AREA Lassen Volcanic National Park
SITE Manzanita Creek
STATE California COUNTY Shasta DOCKET NO WR #7
LOCATION SE $\frac{1}{4}$, SW $\frac{1}{4}$, sec. 17, T31N, R4E
REGIONAL BASIN _____ LOCAL BASIN _____
ACQUIRED BY _____
APPLICATION _____ PERMIT _____ CERTIFICATE _____
ACTION DUE _____ PRIORITY _____ RESERVATION _____
QUANTITY _____ USE Domestic
STATUS Active SOURCE Manzanita Creek
REMARKS hydrologic unit # 18020006

NARRATIVE: A dam and 8 inch pipeline served the Manzanita Lake area prior to 1958. In that year, the Park Service awarded a contract to completely replace the existing system. Work commenced on July 15, 1958, and was completed by October 14, 1958. A new dam was constructed, with an intake, chlorination building, and a 100,000 gallon steel tank. This system was located on Manzanita Creek, about $\frac{1}{2}$ mile upstream from Reflection Lake. The system was rehabilitated in 1974 and now serves the present facilities, which consist of a campground located to the south of Manzanita Lake.

In 1970, a U.S. Geological Survey report indicated that a portion of the Manzanita Lake facilities were located in an area of possible geologic hazard (rockfall or avalanche, triggered by earthquake or volcanic eruption). As a result of this report, the Service closed all of the facilities for about two years, from 1973 to 1975. Since 1975, the campground has been reopened and extended further to the south. The U.S.G.S. report indicated less hazardous conditions in this area due to the ridge along the west of Manzanita Creek.

There have been no filings with the State Water Resources Control Board for this water system.

Compiled by Kevin Kidder

Approved by W. Werrell

Page 1 of 1

06 DATA

Lassen Volcanic National Park

MANZANITA CREEK

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 Supply Line Extension			PCP NO. U-58-3
LOCATION IN AREA Manzanita Lake		MASTER PLAN NO. NP-LV-2129	BUILDING NO.
WORKING DRAWING NO. AND TITLE NP-LV-3119-A, Water Supply Line Extension			WORK ORDER NO. 332.9
APPROPRIATION TITLE AND SYMBOL		DATE WORK COMPLETED October 14, 1958	
CONTRACT NO. 14-10-434-275		DATE WORK STARTED July 15, 1958	NAME OF CONTRACTOR Fogle Plumbing and Underground Construction Co.
		ADDRESS 6969 Eastside Road, Redding, Calif.	

COST ANALYSIS

CONSTRUCTION ITEMS	QTY.	UNIT COST IN PLACE	TOTAL COST IN PLACE
1. 8" C. I. Pipe	332 L.F.	\$ 6.00	\$ 1,992.00
2. 6" C.I. Pipe	980.1 "	5.00	4,900.50
3. 4" C.I. Pipe	80 "	4.50	360.00
4. 2" G.S. Pipe	36 "	2.50	90.00
5. 8" Gate Valve	2	175.00	350.00
6. 6" Gate Valve	1	125.00	125.00
7. 4" Gate Valve	1	100.00	100.00
8. 2" Gate Valve	1	60.00	60.00
9. Dam with 36" pipe & gate	1		7,775.00
10. Settling Tank with screens	1		1,200.00
11. Chlorination Building	1		2,450.00
12. 100,000 gallon reservoir	1		13,700.00
13. 18" Dia. B.C.C.M.C. pipe (eliminated)			0.00
No. 1 Change Order			
Insulate pipes			225.00
FISCAL CLEARANCE			
CONTRACT AMOUNT			\$33,327.50
PS&S COSTS			5,835.65
FISCAL CLEARANCE:			
TOTAL			39,163.15

SUMMARY OF EXPENDITURES

PERSONAL SERVICES	EQUIPMENT	MATERIALS AND SUPPLIES
OTHER		
Contract Payments	33,327.50	

CHANGE ORDERS			
ORIGINAL CONTRACT AMOUNT	FIRST	SECOND	THIRD
\$ 33,385.00	\$225.00		
FINAL CONTRACT AMOUNT	FOURTH	FIFTH	SIXTH
\$ 33,327.50			

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. Prasil, Acting Superintendent	DATE Dec. 30, 1958

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

NARRATIVE STATEMENT

Construction of water supply line extension for Manzanita Lake Area, Lassen Volcanic National Park.

DESCRIPTION. This project called for the construction of an extension to the existing 8" water pipe line at Manzanita Lake, a 100,000-gallon steel tank, a chlorination building, a screening box, an intake, and a dam.

Plans and supervision of construction were by WODC.

WORK ACCOMPLISHED. The work included in the contract was extending the 8" C.I. pipe, constructing a 100,000-gallon tank, a chlorination building, a screening box, an intake, and a dam.

PROJECT ACTIVITIES. The contractor began work in July and completed the project in October.

CHANGE ORDER NO. 1. The change order was issued to provide insulation on the water pipe attached in exposed locations on the tank. The work resulted in a usable facility.

The 8" pipe has been disconnected from the old dam and inlet; however, the original 4" connection is still in operable condition. This old intake should be watched and if water leaks from it, the 4" pipe should be cut and plugged.

The inlet still lets a lot of debris enter the screening box.

It is recommended that an open end cylinder-shaped screen be placed over the end of the inlet and let extend down in front of the 36" gate.



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BRANCH OF LAND ACQUISITION AND REGULATION
SAN FRANCISCO, CALIF.

MANZANITA CREEK
WATER RIGHT STUDIES
LASSEN VOLCANIC NATIONAL PARK
APPROX. SCALE: 1" = 3000'

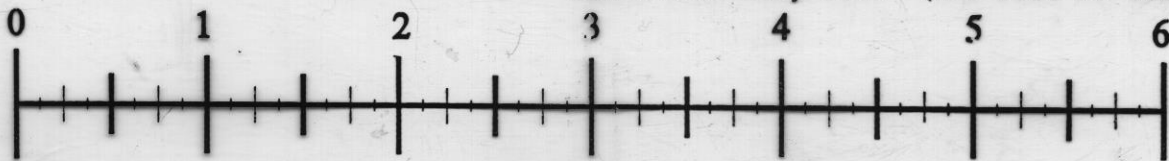
REGION
IV

SHEET 1 OF 4

DRAWING NO.

NP-LV
6976

Scale Made July 1998 (Not Part of Image)



INCHES

-
- Slots at bottom of pipe
See Detail No. 1
- Threaded ends capped
- 18" Dia. Perforated steel pipe
- 10'
- 30'
- 6" x 18" Reducer
- 1'2"
- Capped
- Reinforced Concrete Dam
- 6" Dia. Unperforated steel pipe
- Direction of Flow
- To Sedimentary manhole
- Steel Ring bolted to Dam
- 6" Gate Valve
- Removable 2" or 4" dia. standpipe
- DETAIL NO. 1
- SLOTS:
1/4" wide, 2" long
2" apart longitudinally
2" apart horizontally in bet. longitudinal lines

07 OTHER

Lassen Volcanic National Park

MANZANITA CREEK

Other Supporting Information

L1425
(WR)RP

February 26, 1979

Witucki (later)
Adams
Kilgore
Patton
Davis
Reg. Dir.

Memorandum

To: Manager, Denver Service Center
Attention: Assistant Manager, Pacific Northwest/Western Team

From: ACTING Regional Director, Western Region

Subject: Proposed subdivision near Manzanita Chutes area, Lassen
Volcanic National Park

Enclosed is a map and copy of a memorandum from Superintendent Stephenson concerning the above subject.

This is provided for information purposes only. Perhaps the Superintendent will have more information on the proposal and we can discuss it briefly during the Manzanita Chutes presentation here on March 5.

(SGD) JOHN H. DAVIS

Enclosures 2

cc: Supt, LAVO

JAdams/jl



IN REPLY REFER TO:

L1425

United States Department of the Interior

NATIONAL PARK SERVICE
 LASSEN VOLCANIC NATIONAL PARK
 MINERAL, CALIFORNIA 96063

February 20, 1979

Memorandum

To: Regional Director, Western Region
 From: Superintendent, Lassen Volcanic
 Subject: Proposed Subdivision

The Shasta County Planning Department has asked us to review and comment on a proposed subdivision on private land that lies immediately west of Section 13, Manzanita Lake area. The enclosed map will give you its location.

As far as we know now this will be strictly a residential subdivision with no commercial facilities, but that could change. We are concerned about this development for a number of reasons. First of all it will be very close to Section 13 where our major development for the Manzanita Lake area will be constructed. The sewage disposal system for our area will be located toward the western side of Section 13 and therefore quite close to the proposed subdivision. Downwind odors could be a problem. We plan to use Manzanita Creek in the landscape plan for our new development. Manzanita Creek also crosses this subdivision. Will this present a water rights problem?

Though we have no control over what is constructed on this subdivision, commercial facilities such as a motel, store and restaurant could have an effect on what we plan to provide in the way of visitor services on Section 13.

We will keep you informed of future developments.

W. Stephenson
 W. Stephenson

Enclosure

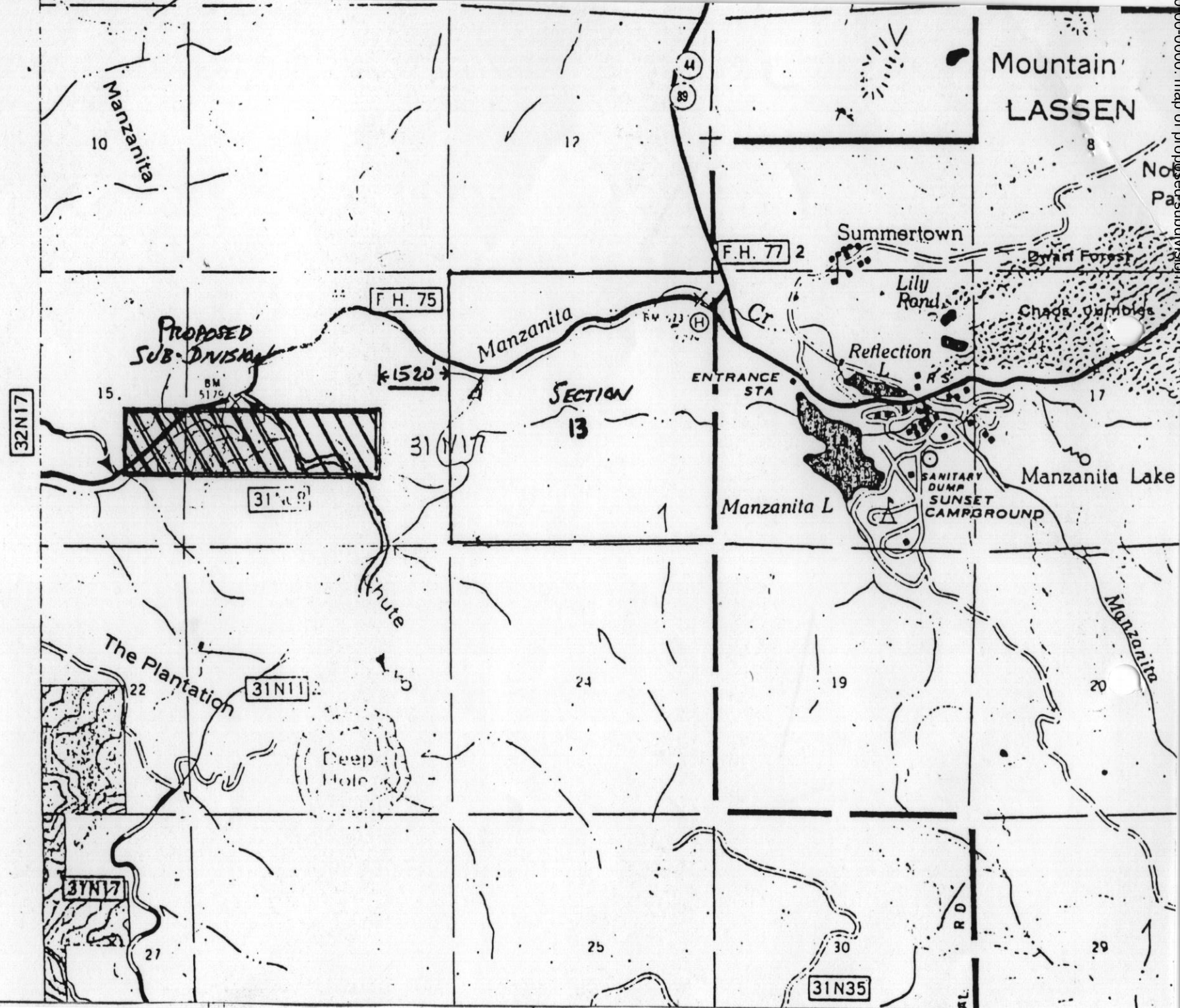
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RECEIVED	
Western Regional Office	
FEB 21 '79	
☒	Regional Director
☒	Dep. Regional Dir.
☐	Administration
☐	Operations
☒	Res. Mgmt. Plan
☒	Adams
☒	W. Tuck
☐	EEO
☐	Public Affairs
Action T. on	
ment: 2/26/79	

→ Copies sent to D.S. on Feb. 23, 1979

Encl 2

Mountain
LASSEN



April 21



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

January 18, 1960

IN REPLY REFER TO:

L54-OBL

RECEIVED
NPS REGION FOUR OF

JAN 20 '60

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Transmittal Water Right Docket 7, Manzanita Creek, Lassen
Volcanic National Park

SURNAME	
REG. DIR.	
ASST. R.D.	
OPERATIONS	
ADMIN.	
RECREATION	
RANGER ACTI	

Attached is your folder of the subject docket which now contains a copy of completion report, dated December 30, 1958, and copy of sheet 1 of Drawing NP-LV-6976. The drawing is a part of a report on Manzanita Creek water rights, which I compiled in 1938, which was distributed to you, the Regional Engineer and Associate Engineer Reed on October 10, 1938, and to the Superintendent on September 8, 1938.

My memorandum of October 30, 1959, explains the need for the assembly of records of water development.

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

*not found
LSS 1/20/60*

*X Spaulding
LSS 1/20*

Docket Information

Number of Documents in Docket : 11

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

Docket Compiled: 1/27/2025