Docket Number: 18

JUNIPER WELL

Preliminary Docket Information

DOCKET INFORMATION

Compiled by: Joseph Chafey Date: 8/15/2022

Initial Docket Information Form ☒ Amendment # _____ (2,3,4 ...)

Park Unit: LAVO **Docket #:** _____ **Docket Title** Juniper Well

Docket Type:

Select all applicable: ☐ PC/V (pre-code/vested) ☐ APP (appropriative) ☐ RIP (riparian)
☒ FRR (federal reserved right) ☐ PWR (public water reserve) ☐ ACQ (acquired)
☐ GW (groundwater) ☐ Own (ownership) ☐ Other _____

Region:

☐ NER & NCR ☐ IMR
☐ SER ☐ MWR
☐ IMR ☒ PWR
☐ AKR

Source:

☐ Groundwater ☐ Spring (When recognized by the State as separate from groundwater and surface water)
☒ Surface Water
☐ Direct Diversion ☒ Diversion to Storage ☐ Instream Flow
Name: Juniper Lake tributary to Warner Creek

State: CA
County: Tehama

Owner: United States National Park Service - Lassen Volcanic National Park (As listed by the State)

Application #: N/A **Date:** N/A

Permit #: N/A **Date Issued:** N/A

License / Certificate #: N/A **Priority Date:** N/A

Ruling/Order/Decree #: N/A **Date Issued:** N/A

Quantity: Rate: 25 Duty: _____

Units: ☐ cfs ☒ gpm ☐ afy ☐ other _____ Units: ☐ cfs ☐ gpm ☐ afy ☐ other _____

Use(s): ☒ Domestic ☐ Livestock ☐ Irrigation ☐ Municipal ☐ Industrial/Commercial ☐ Wildlife ☐ Instream ☒ other Stock-watering

POD Name / Location: Juniper Lake ☐ Multiple PODs (see water right)

Qtr: NW Qtr: NW Sec: 22 T: 30 N R: 3 E PM: Mount Diablo

Latitude: _____ Longitude: _____

UTM _____ , _____ Datum: _____

POU Name / Location: Ranger station, horse corral ☐ Multiple POUs (see water right)

Qtr: _____ Qtr: _____ Sec: _____ T: _____ R: _____ PM: _____

Latitude: _____ Longitude: _____

UTM _____ , _____ Datum: _____

Narrative / Remarks: Enter short narrative in the space below, attach additional page(s) as needed.

- 1905 - Federal reserve rights for National Forest purposes established when the Lassen Peak Forest Preserve was formed.
- 1916 - Federal reserve rights for National Park purposes established with the creation of Lassen Volcanic National Park.
- Initial Statement of Water Diversion and Use was prepared, but not submitted.
- Water used at ranger station and horse corral.

☐ Additional Page(s) Attached

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:

March 12, 2015

MEMORANDUM

To: Acting Superintendent, Lassen Volcanic National Park

From: Chief, Water Rights Branch-Water Resources Division Wm. R. Hanson

Re: Updated Final Drought Assessment

Please find enclosed an updated Final Drought Assessment prepared by our Branch; this updates the assessment the Park received by email on May 7, 2014. The updates reflect: the calls for curtailment issued by the State Water Resources Control Board, the groundwater legislation enacted in September 2014, and changes to our understanding regarding the Board's ability to call out riparian rights.

We would like to thank Dave Worthington, Mike Magnuson, Graham Dobson, and Elizabeth Hale (and probably a few others we're not aware of) of the Park for their help.

If you choose to implement the recommendations, please contact Eric Lord at (970) 225-3526.

Cc: Forrest Harvey (w/ attachment)
Jay Goldsmith (w/ attachment)

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

02 STATE

Lassen Volcanic National Park

JUNIPER WELL

State Water Rights Documentation

State Water Resources Control Board

DIVISION OF WATER RIGHTS

INITIAL STATEMENT OF WATER DIVERSION AND USE

A STATEMENT SHALL NOT ESTABLISH OR CONSTITUTE EVIDENCE OF A WATER RIGHT

READ THE ATTACHED INFORMATION AND INSTRUCTION SHEET BEFORE COMPLETING THIS FORM

FURTHER INFORMATION CAN BE FOUND IN WATER CODE, SECTIONS 5100-5107

DIVERTER NAME: United States National Park Service-Lassen Volcanic National Park

SOURCE/TRIBUTARY: Juniper Lake

DIVERSION WORKS NAME: Juniper Well

A. Diverter Information

Diverter Name(s): United States National Park Service-Lassen Volcanic National Park			
Mailing Address: P.O. Box 100	City: Mineral	State: CA	Zip: 96063
Phone Number: 530 595-4480	Email Address (if available):		
Person Filing Statement (If Different From Diverter): Eric Lord			
Mailing Address: 1201 Oak Ridge Drive Ste 250	City: Fort Collins	State: CO	Zip: 80525
Phone Number: 970 225-3526	Email Address (if available): eric_lord@nps.gov		
Land Owner Name: United States			
Mailing Address: P.O. Box 100	City: Mineral	State: CA	Zip: 96063

Mail Receiver ○ **Diverter** ◉ **Person Filing**

B. Signature and Important Information

DATE: _____

SIGNATURE: _____

PRINTED NAME: _____
(first name) (middle name) (last name)

I declare that the information in this report is true to the best of my knowledge and belief. **Submit Form Electronically**

THE STATE WATER RESOURCES CONTROL BOARD MAY RELY ON THE NAMES AND ADDRESSES ON THIS DOCUMENT FOR MAILING NOTICES REGARDING PROCEEDINGS BEFORE THE BOARD. (Wat. Code, § 5106, subd. (b)(1).)

SUPPLEMENTAL STATEMENTS OF WATER DIVERSION AND USE MUST BE FILED AT THREE-YEAR INTERVALS OR IF THERE IS A CHANGE IN THE NAME OR ADDRESS OF THE DIVERTER. (Wat. Code, § 5104.)

THE MAKING OF A WILLFUL MISSTATEMENT ON A STATEMENT OF WATER DIVERSION AND USE IS A MISDEMEANOR PUNISHABLE BY A FINE NOT EXCEEDING $1,000 OR BY IMPRISONMENT IN THE COUNTY JAIL FOR UP TO SIX MONTHS, OR BOTH. THE BOARD MAY IMPOSE CIVIL LIABILITY UPON A PERSON WHO KNOWINGLY MAKES A MATERIAL MISSTATEMENT ON THIS FORM. (Wat. Code, § 5107.)

UPON COMPLETION OF THIS STATEMENT, ATTACH ALL SUPPORTING DOCUMENTATION AND MAPS AND MAIL TO:

State Water Resources Control Board
Division of Water Rights
PO Box 2000
Sacramento, CA 95812-2000

Additional copies of this form, instructions on how to complete this form and water right information can be obtained at http://www.waterboards.ca.gov/waterrights/water_issues/programs/diversion_use/. Revised January 2014.

State Water Resources Control Board

DIVISION OF WATER RIGHTS

INITIAL STATEMENT OF WATER DIVERSION AND USE

A STATEMENT SHALL NOT ESTABLISH OR CONSTITUTE EVIDENCE OF A WATER RIGHT

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FURTHER INFORMATION CAN BE FOUND IN WATER CODE, SECTIONS 5100-5107

PAGE 2 OF 3: INITIAL STATEMENT OF WATER DIVERSION AND USE

DIVERTER NAME United States National Park Service-Lassen Volcanic National Park

SOURCE/TRIBUTARY Juniper Lake

DIVERSION WORKS NAME Juniper Well

1. Type of Claim

Check the box(s) which describe the type of claim(s) under which you are diverting water.

☑ Riparian ☐ Pre-1914 ☐ Court Decree ☐ Pending Appropriative Application ☐ Pueblo ☑ Other: Federal Reserved Right

If you checked yes for Court Decree, Pending Appropriative Application or other, list the decree number, application ID or explanation:

Reserved right based on reservation of federal land for national forest and national park purposes

2. Water Course Description

Water Course Name at the point of diversion	Water Course is tributary to
Juniper Lake	Warner Creek

3. Legal Land Description

Provide the location of the Point of Diversion using one of the following methods (check one box and enter coordinates, if applicable)

☐ Latitude/Longitude Measurements: _____

☐ California Coordinate System (NAD 1983): _____

☑ USGS Topographic Map with point of diversion labeled on map (if checked yes, please attach map)

Assessor's Parcel Number(s), if assigned:	County
	Lassen

Provide Public Land Description to nearest 40 acres (if assigned)

NW ¼ of the NW ¼ of Section 22, Township 30, Range 6E, B&M Mount Diablo

4. Place of Use Description

Provide a general description of the area in which the water was used

Lassen Volcanic National Park-ranger station and horse corral.

Identify the location of the place of use on a specific United States Geological Survey (USGS) topographic map and on any other maps with identifiable landmarks. If assigned, provide the public land description to the nearest 40-acre subdivision and the assessor's parcel number. (check box indicating each map attached)

☑ USGS Topographic Map ☐ County Assessor's parcel map

5. Purpose of Use Description (Please select all that apply below)

☐ Irrigation Number of Acres :	☑ Domestic Persons Served :	☑ Stock watering Number of stock and type:	☐ Other Please Explain:
NA	5	60 Horses/yr.	

6. Diversion Works Description

Name of Diversion Works, if named	Year in which diversion commenced (or specify nearest known year)
Juniper Lake System	Record from 1979, but with uses prior to then.

List any related existing water rights, if applicable (for example, an appropriative right using the same diversion works)

No appropriative rights

Type of Diversion Facility (select one)

☐ Gravity ☐ Water Course Pump ☑ Well Pump ☐ Other (please specify) _____

Do you directly divert water?	Capacity of Direct Diversion Works (specify unit and amount) 25	Do you divert water to storage?
☑ Yes ☐ No	☐ Cubic feet per second ☑ Gallons per minute ☐ Gallons per day	☐ On-stream storage (Complete Section B) ☑ Off-stream storage (Complete Sections A & B)

A. Capacity of Storage Diversion Works (specify unit and amount) 36,000	B. Capacity of Storage Tank or Reservoir (specify unit and amount) 1200
☐ Cubic feet per second ☐ Gallons per minute ☑ Gallons per day	☑ Gallons ☐ Acre-feet

7. Quantity of Water Diverted Note; Measurements must be made using best available technologies and best professional practices as listed in Section 8a unless documentation is provided to the State Water Resources Control Board that the implementation of those practices is not locally cost effective.

Provide the quantity of water diverted each month in the table below as a measured in (check one box) ☑ Gallons ☐ Acre-feet

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2008						.003	.002	.003					.008

CONTINUE TO PAGE 2

DIVERTER NAME United States National Park Service-Lassen Volcanic National Park

SOURCE/TRIBUTARY Juniper Lake

DIVERSION WORKS NAME Juniper Well

8. Measurement Device Description

Method used to measure water diverted (select one)

- (●) Water directly diverted and/or diverted to storage was measured with a measuring device. (if checked, proceed to section 8a and skip section 8b)
- ( ) Direct measurement using a device listed in Section 8a is not locally cost effective for water directly diverted and/or diverted to storage. (If checked, skip section 8a and proceed to section 8b).

8a. Measuring Device

Indicate the types of measuring devices used (check all that apply):

- [ ] Propeller Meter
- [ ] Sluice/Slide Gate
- [ ] Acoustic Meter
- [ ] Weir
- [ ] Staff gage and storage capacity curve
- [ ] Staff gage and floodable acreage
- [ ] Pressure transducer and storage capacity curve
- [x] Other: Pump Rate Timer

Indicate any additional technology used (check all that apply and explain below):

- [ ] Flow totalizer
- [ ] Data Logger
- [ ] Telemetry
- [ ] Other:

Indicate who installed your measuring device(s) (check all that apply):

- [ ] Representative using manufacturer's recommendations
- [ ] Representative who is American Water Works Association (AWWA)-certified
- [ ] Representative using United States Geological Survey (USGS) techniques
- [ ] Licensed Civil or Agricultural Engineer
- [ ] Hydrographer
- [x] Other/Unknown: Licensed Well Driller

List the make, model number, and last calibration date of your measuring device(s), if available:

8b. Explanation of why use of a measuring device is "not locally cost effective"

Indicate why you concluded that direct measurement using a device listed in Section 8a is not locally cost effective (check all that apply)

- [ ] Diversion is small or minimal in size
- [ ] No power at diversion point
- [ ] Diversions are infrequent
- [ ] Other:
- [ ] Ungauged Siphon

Indicate method(s) used as an alternative to direct measurement in order to complete this report (check all that apply)

- [ ] Electricity records dedicated to the pump
- [ ] Engine fuel use or hour meter records
- [ ] Power generation estimates
- [ ] Modeled/estimated flows
- [ ] Pipe/trajectory method
- [ ] Float and stopwatch
- [ ] Total facility electricity records minus estimated non-pump electricity
- [ ] Crop duty estimates/consumptive use estimates
- [ ] Other water duty estimates other than for crops
- [ ] Remote satellite imaging
- [ ] Bucket and stopwatch
- [ ] Other:

Explain your measurement alternatives:

9. Maximum Rate of Diversion (if available)

Provide the maximum rate of diversion achieved in each month as measured in (check one box) [ ] cfs [ ] gpm [x] gpd

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2008						.0002	.0006	.0001				

10. Recent Water Use

Provide the annual water use in recent years:	Maximum .003	[x] Gallons	[ ] Acre Feet
	Minimum .002	[x] Gallons	[ ] Acre Feet

11. Water Conservation Efforts (answer only sections applicable to your diversion)

Water Conservation: Are you currently employing any methods of water conservation? [x] Yes [ ] No

If yes, describe any water conservation efforts in use:

Ranger Station is Closed

Water Quality and Wastewater Reclamation: 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 that unreasonably affects such water for other beneficial uses? [ ] Yes [x] No

Conjunctive use of surface water and groundwater: Are you using groundwater in lieu of surface water? [ ] Yes [x] No

END OF INITIAL STATEMENT FORM

Sign and Submit Form | Save Form (submit later)

03 HISTORY

Lassen Volcanic National Park

JUNIPER WELL

Land History

National Park Service
U. S. Department of the Interior
Natural Resource Stewardship & Science
Water Resources Division

1201 Oakridge Dr., Ste. 250
Fort Collins, CO 80525
970-225-3548 phone
970-225-9965 fax

Water Rights Branch

Note to File

Date: August 10, 2022
From: Joseph Chafey, WRB Water Rights
File: LAVO Docket Juniper Well
Subject: Land History
Little Gem of the Cascades: An Administrative History of Lassen Volcanic National Park

Krahe, Diane L. and Theodore Catton. Little Gem of the Cascades: An Administrative History of Lassen Volcanic National Park. 422 p., University of Montana, September 2010.

http://npshistory.com/publications/lavo/adhi.pdf

Also available at National Park Service (NPS) Integrated Resource Management Applications (IRMA) Data Store Reference Code: 2294137

https://irma.nps.gov/DataStore/Reference/Profile/2294137

The purpose of this report is to describe how the park was conceived and established and how it has been managed to the present day. Its primary audience is park managers and staff, but it is also directed to the interested public. The report aims to be as comprehensive as possible while emphasizing management issues of ongoing concern. It is essentially a chronological narrative with the selection of topics and the amount of detail weighted somewhat more heavily toward the recent past. While the administrative history covers many diverse management issues, its core objective is to distinguish those historical themes that most ably explain this national park's unique character and course of development.

242 NW 2

LASSEN VOLCANIC N.P. D. 12

Deed #12

70,964.84 acres.

An Act To establish the Lassen Volcanic National Park in the Sierra Nevada Mountains in the State of California, and for other purposes, approved August 9, 1916 (39 Stat. 442)

BE IT ENACTED BY THE SENATE AND HOUSE OF REPRESENTATIVES OF THE UNITED STATES OF AMERICA IN CONGRESS ASSEMBLED, That all those certain tracts, pieces, or parcels of land lying and being situate in the State of California and within the boundaries particularly described as follows, to wit: Beginning at the northeast corner of section three, township thirty-one, range six east, Mount Diablo meridian, California; thence southerlyto the southeast corner of said section; thence easterly to the northeast corner of the northwest quarter of section eleven, said township; thence southerly to the southeast corner of the southwest quarter of section fourteen, said township; thence easterly to the northeast corner of the northwest quarter of section twenty-four, said township; thence southerly to the southeast corner of the southwest quarter of section twenty-five, said township; thence westerly to the southwest corner of section twenty-six, said township; thence southerly to the southeast corner of section thirty-four, said township; thence westerly along the sixth standard parallel north, allowing for the proper offsets, to the northeast corner of section three, township thirty north, range six east; thence southerly to the southeast corner of section twenty-seven, said township; thence westerly to the southwest corner of the southeast quarter of section twenty-eight, said township; thence northerly to the northwest corner of the southeast quarter of said section; thence westerly to the southwest corner of the northwest quarter of said section; thence northerly to the northwest corner of said section; thence westerly to the southwest corner of the southeast quarter of section twenty, said township; thence northerly to the northwest corner of the southeast quarter of said section; thence westerly to the range line between ranges five and six east; thence southerly along said range line to the southeast corner of township thirty north, range five east; thence westerly along the township line between townships twenty-nine and thirty north to the southwest corner of section thirty-three, township thirty north, range five east; thence northerly to the northwest corner of said section; thence westerly to the southwest corner of the southeast quarter of section twenty-nine, said township; thence northerly to the northwest corner of the southeast quarter of said section; thence westerly to the southwest corner of the northwest quarter of said section; thence northerly to the northwest corner of said section; thence westerly to the southwest corner of the southeast quarter of section twenty, township thirty north, range four east; thence northerly to the northwest corner of the southeast quarter of section eight, said township;thence easterly to the northeast corner of the southwest quarter of section nine, said township; thence northerly to the township line between townships thirty and thirty-one north; thence easterly along the sixth standard parallel north, allowing for the proper offsets, to the southwest corner of section thirty-three, township thirty-one north, range four east; thence northerly to the northwest corner of section twenty-one, said township; thence easterly to the range line between ranges four and five east; thence northerly along said range line to the northwest corner of fractional section eighteen, township thirty-one north, range five east; thence easterly to the southwest corner of section twelve, said township; thence northerly to the northwest corner of section one, said township; thence easterly along the township line between townships thirty-one and thirty-two north to the northeast corner of section three, township thirty-one north, range six east, the place of beginning.

06 DATA

Lassen Volcanic National Park

JUNIPER WELL

Supporting Hydrologic Data

Docket Information

Number of Documents in Docket : 6

Documents Dated from : 08-09-1916 to 08-15-2022

Docket Compiled: 2/2/2023