

Summary

Alternative Compliance Plan for Water Right (S021541)

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[Return to Dashboard](#)

INTRODUCTION

See [Information and Instruction Sheet](#) for assistance in completing this form. The form shall be completed by the water right owner, their agent, or for an Alternative Compliance Plan filed for a group, the designated contact. The vast majority of water right owners should be able to meet the measurement requirements. Participation in an Alternative Compliance Plan does not relieve the participant of the independent obligation to file an online annual Report of Water Diversion and Use.

All sections of the form below must be completed. An incomplete form does not excuse non-compliance with the regulation or release you from the obligation to measure. The Alternative Compliance Plan may not be used to avoid measurement and monitoring, but should be used to describe an alternative method of measurement and monitoring which will provide the information required by the Regulation. Estimated diversion records may not meet the Regulation's accuracy requirements without supporting documentation.

Note: The large text boxes in the form have a character limit of 2,000 characters. Responses requiring more than 2,000 characters for a particular text box should be submitted as an attachment in Section I of this form. Additional information should be attached in Section I.

SECTION A - WATER RIGHT OWNER INFORMATION

This section of the form describes the information that is required for each water right or claimed right covered under the Alternative Compliance Plan.

In Section I, attach a table (in Microsoft Excel .xlsx, comma-separated .csv, or tab-separated .txt format) containing the Application or Statement Number for each water right covered under the Alternative Compliance Plan. For your water right, answer the questions below.

(1) Owner Name(s) *

Ron Keown, Scharsch IV

(2) Email Address *

[REDACTED]

(3) Phone Number *

[REDACTED]

(4) Mailing Address Line 1 *

[REDACTED]

(5) Mailing Address Line 2:

(6) City *

Shingletown

(7) State *

Ca

(8) Zip Code *

96088

(9) Is the Water Right Owner also the Primary Contact? *

☒ Yes

☐ No

On questions 10 through 13, please tell us what you understand the requirements of the regulation to be for this water right to be.

(9) Installation Deadline *

☒ January 1, 2017

- ☐ July 1, 2017
- ☐ January 1, 2018

(10) Measurement Accuracy *

- ☐ 10%
- ☐ 15%
- ☒ Other, as specified in the Alternative Compliance Plan (if submitted)

(11) Required Monitoring Frequency *

- ☒ Hourly
- ☐ Daily
- ☐ Weekly
- ☐ Monthly

(12) Qualifications of the Individual Installing/Certifying *

- ☐ A California Licensed Professional Engineer (PE), a person working under the supervision of a California PE, a California-licensed contractor authorized by the State License Board for C- 57 well drilling or C- 61 Limited Specialty/D-21 Machinery and Pumps, or a Hydrologist or Engineer employed by a Federal Agency
- ☒ A person trained and experienced in water measurement (for diversions of less than 100 acre-feet per year - no specific training is required; the person using any equipment and reporting the information must know how to use the equipment and submit correct information)

SECTION B - INFORMATION ON PRIMARY CONTACT

This section of the form includes the contact information for the primary contact associated with the Alternative Compliance Plan.

(1) Name(s): *

(2) Phone Number: *

(3) Email Address: *

(4) Mailing Address Line 1: *

(5) Mailing Address Line 2:

(6) City: *

(7) State: *

(8) Zip Code: *

(8) The Alternative Compliance Plan Primary Contact is a(n): *

- ☐ Water Right Owner
- ☐ Agent

SECTION C - INFORMATION ON QUALIFIED INDIVIDUAL

This section of the form includes the contact information for the Qualified Individual certifying the Alternative Compliance Plan.

(1) Name(s): *	<input type="text" value="Ron Keown"/>
(2) Phone Number: *	<input type="text" value="REDACTED"/>
(3) Email Address: *	<input type="text" value="REDACTED"/>
(4) Mailing Address Line 1: *	<input type="text" value="REDACTED"/>
(5) Mailing Address Line 2:	<input type="text"/>
(6) City: *	<input type="text" value="Shingletown"/>
(7) State: *	<input type="text" value="Ca"/>
(8) Zip Code: *	<input type="text" value="96088"/>
(9) The qualifications of the individual certifying the Alternative Compliance Plan are: *	<div><p><input type="radio"/> California Licensed Professional Engineer (PE)</p><p><input type="radio"/> Person working under the supervision of a California Professional Engineer</p><p><input type="radio"/> California-licensed contractor authorized by the State License Board for C- 57 well drilling or C-61 Limited Specialty/D-21 Machinery and Pumps</p><p><input type="radio"/> Hydrologist or Engineer employed by a Federal Agency</p><p><input checked="" type="radio"/> Person trained and experienced in water measurement (for diversions of less than 100 acre-feet per year - no specific training is required; the person using any equipment and reporting the information must know how to use the equipment and submit correct information)</p></div>
(10) Qualifying Individual's PE or Contractor license number, if applicable:	<input type="text"/>

SECTION D - REQUEST FOR ALTERNATIVE COMPLIANCE

Water right holders who divert more than 10 acre-feet of water per year are required to measure the water they divert. A diverter may choose any measuring device, or combination of devices, that meet the measurement and monitoring requirements of the regulation. The measurement requirements are summarized on the [Reporting and Measurement Webpage](#) .

For each box checked in questions 1a through 3 below, submit a detailed explanation and attach substantiating documentation.

(1a) Diverter is seeking alternative compliance from the requirement(s) checked below. *

- ☐ Measuring Device Location
- ☒ Required Accuracy
- ☐ Certification of Accuracy
- ☒ Installation and Maintenance
- ☒ Monitoring Frequency
- ☐ Telemetry
- ☐ Other (describe in Section 1b)

(1b) Provide additional information for each of the reasons selected in question 1a: *

In 2009 our diversion required annual reporting instead of tri-annual reporting. I reported what our water right (claim) of 400 miners inches (8 cfs) was for each year's total (date I began the diversion to the date it was suspended). Reporting was based on an estimation of the volume of seasonal stream allowances from Bailey Creek. In 2009 we were required to install a "measuring device" and report the exact amount of our diversion. I received a 12" Parshall Flume with a foot gauge, installed it per specifications (level front to back and side by side, with a drop at the tail and sealed with concrete beneath and on both sides). In using the flume I found we were diverting slightly more water than claimed. I set the diversion at 1.58' to now divert our maximum as needed due to soil moisture conditions. I monitor the gauge daily and adjust as necessary. I am now required to install it with an engineer and have it monitored hourly? New regulations have been a moving target and impossible to comply with.

(5000 character max.)

?

(2a) Alternative compliance is being pursued because strict compliance with one or more of the requirements for measuring and monitoring (check all that apply): *

- ☒ Is not feasible.
- ☐ Would unreasonably affect public trust resources.*
- ☒ Is unreasonably expensive.**
- ☐ Would result in the waste or unreasonable use of water.

* Including fish, wildlife, recreation, navigation, and aesthetic values.

** Plans claiming that strict compliance is unreasonably expensive shall be accompanied by an attached supporting cost analysis. The cost analysis should compare the cost of the proposed alternate measuring devices to the cost of the measurement devices required by the Regulation. All Plans shall include a budget and shall identify sources of financing. The budget should provide sufficient detail to show the cost of the proposed alternate measuring devices, the cost of obtaining any necessary permits, and the cost of installation.

(2b) Provide additional information for each justification selected in question 2a: *

The measuring device has already been installed per regulations in 2009 and its accuracy is within 2017 standards. It is unfeasible to remove and replace it to current regulations since it was installed per specifications. There is no power source for electronic monitoring devices. To bring in electrical power would cost thousands of dollars on top of purchasing monitoring equipment. The location is isolated and impossible to keep secure from vandalism.

(5000 character max.)

?

(3a) Alternative compliance is requested under the following categories (check all that apply): *

- ☒ Highly variable flow rate at point of diversion.
- ☒ Point of diversion is inaccessible a portion of the year due to weather or other on-site conditions.
- ☐ Point of diversion is under tidal influence
- ☒ There is an existing measuring device or measurement method in use.
- ☐ Water is corrosive to measurement equipment.
- ☐ The diversion is measured by another entity (identify entity and method of measurement used).
- ☒ Other (provide complete description in section 3b)

(3b) Provide additional information for each of the categories selected in question 3a: *

Seasonal flows are very high in the early summer from local snowmelt. Our diversion is set at

1.58' on the flume as needed per soil moisture needs. Often it is set lower and recorded accordingly. Later in the summer months Bailey Creek does not support diversion maximums and I record the actual diversion gauge reading. The diversion is shut down when Bailey Creek flows are extremely low or early fall weather precipitation commences. In the winter the diversion is inaccessible due to snow and freezing hazard to electronic monitoring devices. As stated before the device was installed per 2012 regulations

(5000 character max.)



(4) Alternative Compliance Plans shall include alternative, objective measurement and performance standards that achieve the closest attainable compliance. Describe the measurement or alternative to measurement that will be used at each point of diversion in the plan to achieve closest attainable compliance. *

This diversion serves several local landowners in Scharsch Meadows. We irrigate approximately 300 acres of native pasture seasonally grazed by approximately 150 pair of cattle owned by several separate individuals. The system has been in existence prior to 1914 and has a cultural nature to its use. Some parcels are less than one acre and several are 34 acres with one being 210 acres. The system is comprised of several ditches that flow throughout Scharsch Meadows from one parcel and through another, eventually returning to Bailey Creek through tail ditches and/or percolation when the soil is saturated. I purchased 34 acres here with a house and barn in 1997 and assisted the person responsible for past compliance. I began as the "water overseer" when I was elected in 2002 by the property owners and took on the responsibility of complying with both State Water Resource Diversion rights as well as recent Irrigated Lands Regulatory Program requirements, also a very dynamic and constantly changing program. I strongly believe that our current measuring system is adequate and meets accuracy in reporting within 10%. Also of note, I am a Shasta Tehama Water Education Coalition Board member (currently vice-president) that represents approximately 900 members and 85,000 acres in complying with ILRP regulation. It has been extremely difficult and very expensive to be an irrigator in today's regulatory world especially here in California. Will there come a day when enough regulation is enough?.

(5000 character max.)

SECTION E - AREA COVERED BY THE ALTERNATIVE COMPLIANCE PLAN

Summarize the following for each water right covered by the Alternative Compliance Plan. In Section I, attach maps, aerial photographs, or other renderings showing the area covered by the Alternative Compliance Plan and delineating the acreage of each place of use served. For the area covered by the Alternative Compliance Plan, include a list of assessor's parcel numbers and the current owner of each parcel.

(1) Provide a general description of the area covered by the Alternative Compliance Plan. *

see previous item 4 AP 701-1700-20 Ron Keown 34 acres AP 701-1700-21 John Ford 60 acres AP 701-1700-26 Hazel Brown 30 acres AP 701-1700-17 Williams 32 acres AP 701-1700-32, 14, 16, 33 Dan Neimier approx. 25 acres AP 701-1700-7 Asher 12 acres AP 701-1700-29 Perkins 8 acres AP 701-1700-3 Fargo 12 acres AP 701-1700-13 Rogers 8 acres APs 701-1700-22,23,24,25,4,5,8,9,14,16,18,19,12,30 Various owners under 1 acre Unknown AP to the south of Keown parcel: AP 701-1900? Dela Montana 200 acres

(5000 character max.)

(2) Describe all diversion and conveyance works covered by the Alternative Compliance Plan. *

Bailey Creek, small dam with splashboards, ditch to fish screen (installed 2012) 100' to Parshall flume, ditch splits, through various properties to tail ditch,

(5000 character max.)

(3) Describe the type(s) of Beneficial Use(s). *

Cattle grazing: Native permanent pastureland. Fire danger reduction: summer green meadow provides a safe zone for residents, firefighters, livestock and travelers. Aesthetics: Large green meadow with timbered edges and spectacular views of Lassen Volcanic National Park and snow covered mountains.

(5000 character max.)

(4) Have you attached a list of assessor's parcel numbers and the current owner of each parcel covered by the Alternative Compliance Plan? (Attachments may be made under Section I of this form.) *

☒ Yes | ☐ No

SECTION F - MEASUREMENT AND MONITORING

(1) For each Point of Diversion listed in the Alternative Compliance Plan, describe how the water is measured. *

Diversion 1 at Bailey Creek Dam: Parshall flume with foot gauge monitored daily.

(5000 character max.)

(2) Identify the measurement accuracy associated with the measurement devices. *

The gauge reading is recorded and I use a 12" Parshall Flume conversion chart which dictates the CFS for the specific reading and acre feet per day. Example: Gauge reads 1.5' = 7.4 cfs = 14.64 acre feet per day for 10 days = 146.5 acre feet for the period. Example: August 2017, gauge was constant for 31 days at 0.5' = 1.35cfs = 2.68af/day = 80.1af for the month I keep records on a spread sheet of daily, monthly and yearly totals.

(5000 character max.)

(3) Describe how the accuracy of the Alternative Compliance Plan was calculated. *

See above. Accuracy could vary slightly by creek depth at the diversion when diurnal fluctuations occur. I rarely notice gauge differentials from this effect so consider accuracy within 10%

(5000 character max.)

SECTION G - IMPLEMENTATION SCHEDULE (IF NECESSARY)

(1) If applicable, describe the implementation schedule for the Alternative Compliance Plan, including objective milestones from date of filing through final implementation. Milestones should include date of completion for construction and testing, expected dates of issuance of required permits, and expected date for compliance with the California Environmental Quality Act:

NA System is in place and has been in use for 6 years

(5000 character max.)

An Alternative Compliance Plan shall be submitted and implemented by the established regulatory deadlines (see form instructions for additional information) unless a Request for Additional Time has been granted.

SECTION H - OTHER PERMITS

(1) Describe any other permits required to implement the Alternative Compliance Plan. Include information on the agency that will issue the permit, and the expected date of issuance.

NA

(5000 character max.)

SECTION I - ATTACHMENTS



(1) Attach documents that support the Alternative Compliance Plan.

Choose File

No file selected

Upload

(Uploaded files:)

(2) Provide a brief description of the attached documents.

I attempted to upload my measuring history document but was unable to.

(5000 character max.)

SECTION J - IMPORTANT INFORMATION AND SIGNATURES

Each participant in an Alternative Compliance Plan (Plan) must sign this form or an "opt-in" form that must be retained by the Plan manager. Attach a listing of participants, as needed, in Microsoft Excel .xlsx, comma-separated .csv, or tab-separated .txt format. By signing this form or the Plan's "opt-in" form, each Plan participant acknowledges that the Plan will be timely implemented and that the measurement of diversions will substantially comply with the Measurement Regulation. Further, each Plan participant acknowledges that the water rights covered by the Plan will not be exercised outside the scope of the Plan. Each Plan participant is responsible for promptly informing the Division of Water Rights or Delta Watermaster, as appropriate, if the participant withdraws from the Plan. The Plan manager is responsible for promptly informing the Division of Water Rights or the Delta Watermaster, as appropriate, if the Plan is modified or abandoned or if the Implementation Schedule is adjusted.

I hereby certify that the information in this Alternative Compliance Plan is true to the best of my knowledge and belief and that the Alternative Compliance Plan is in compliance with the requirements of Title 23, Division 3, Chapter 2.8, Section 931 through 938 of the California Code of Regulations. *

☒ Yes | ☐ No

Printed Name *

Ron Keown

Division of Water Rights and Delta Watermaster staff may or may not evaluate the contents of an Alternative Compliance Plan at the time of receipt. Staff will initially determine if all the information has been filled out, and accept the Alternative Compliance Plan as complete or return it as incomplete. An Alternative Compliance Plan may be reviewed for compliance purposes at any time or as part of a systematic audit.