

Summary

Alternative Compliance Plan for Water Right (S020529)

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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) *

Lookout Ranch and Lod

(2) Email Address *

[REDACTED]

(3) Phone Number *

[REDACTED]

(4) Mailing Address Line 1 *

[REDACTED]

(5) Mailing Address Line 2:

(6) City *

Lookout

(7) State *

CA

(8) Zip Code *

96054



(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 less than 100 acre-feet per year)

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): *

Seth Hammack, Ranch M

(2) Phone Number: *

[REDACTED]

(3) Email Address: *

[REDACTED]

(4) Mailing Address Line 1: *

[REDACTED]

(5) Mailing Address Line 2:

(6) City: *

Lookout

(7) State: *

CA

(8) Zip Code: *

96054

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

- ☐ Water Right Owner
- ☒ Agent
- ☐ Designated Contact

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="Susan Goodwin"/>
(2) Phone Number: *	<input type="text" value=""/>
(3) Email Address: *	<input type="text" value=""/>
(4) Mailing Address Line 1: *	<input type="text" value=""/>
(5) Mailing Address Line 2:	<input type="text" value=""/>
(6) City: *	<input type="text" value="Redding"/>
(7) State: *	<input type="text" value="CA"/>
(8) Zip Code: *	<input type="text" value="96002"/>
(9) The qualifications of the individual certifying the Alternative Compliance Plan are: *	<p><input checked="" 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 type="radio"/> Person trained and experienced in water measurement (for diversions of less than 100 acre-feet per year)</p>
(10) Qualifying Individual's PE or Contractor license number, if applicable:	<input type="text" value="C61687"/>

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: *

The Oilar ditch weir and board system at Lookout dam is included in Court Decree 6395, which took effect in 1959. At this site, the Decree provides 15 cfs for use as a first priority class, 1.66 cfs as second priority class right, and 9.68 cfs as a third priority class right. The allotments in the Decree are for continuous use from April 1 to September 30, inclusive, for allotments other than first priority class. First priority class allotment is for year-round use. The private Pit River watermaster monitors diversion at the site. The watermaster raises and lowers boards at the existing weir and board system to regulate diversion. When the river is low water is pumped from the river to the Oilar ditch, bypassing the weir and board system. The watermaster also oversees the ranch's single share of Roberts Reservoir water allotted by Court Decree 6395, which is delivered through the weir and board system. The water master uses a staff gage and flow meter to measure diversion. Lookout Ranch does not use the full adjudicated flow. Priority class water diverted at this site is typically used in April, May, and June. The ranch uses approximately 5 acre-feet per month during these months. The Roberts Reservoir share is typically used in July. The number of acre-feet delivered from Roberts Reservoir varies from year to year. Unused water passing through the weir and board system is returned to the Pit River downstream. The existing weir and board system is frequently inundated by spring flood water, as is the bypass pump system. The site is inaccessible during flooding. Freezing conditions and ice buildup during winter months could damage monitoring equipment at the site if permanently installed.

(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 existing weir and board system is frequently inundated by spring flood water, as is the bypass pump system. The site is inaccessible during flooding. Freezing conditions and ice buildup during winter months could damage monitoring equipment at the site if permanently installed. Alternative compliance is being pursued for this site because strict compliance is not feasible. The site has highly variable flow rates and is frequently submerged by flood water during spring months when the site becomes inaccessible. During spring months the site is frequently under water. During dry months the river level is too low to flow through the weir and a bypass pump is used to move river water into the Oilar ditch. The private Pit River watermaster monitors diversion at the site. The watermaster raises and lowers the boards at the diversion and measures flow with a staff gage and flow meter. The measuring and monitoring method is used whether water flows through the weir and board system or is pumped through the bypass pump into the Oilar ditch. This Alternative Compliance Plan proposes the private Pit River watermaster continue monitoring diversion at the site. Based on infrequent use of diversion at this location, low-volume water use (approximately 5 ac-ft per month, three months per year), site conditions (flooding and inaccessibility, freezing temperatures and potential for ice damage, seasonally low river level), the two separate methods of diversion (weir and board system, bypass pump), and the existing monitoring method (private watermaster, staff gage and flow meter), no further monitoring is proposed at this time. A permanent staff gage will be installed at a convenient location on the weir to help facilitate the watermaster's continued monitoring.

(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: *

The existing weir and board system is frequently inundated by spring flood water, as is the bypass pump system. The site is inaccessible during flooding. Freezing conditions and ice buildup during winter months could damage monitoring equipment at the site if permanently installed. Alternative compliance is being pursued for this site because strict compliance is not feasible. The Oilar ditch weir and board system at Lookout dam is included in Court Decree 6395, which took effect in 1959. At this site, the Decree provides 15 cfs for use as a first priority class, 1.66 cfs as second priority class right, and 9.68 cfs as a third priority class right. The allotments in the Decree are for continuous use from April 1 to September 30, inclusive, for allotments other than first priority class. First priority class allotment is for year-round use. The private Pit River watermaster monitors diversion at the site. The watermaster raises and lowers boards at the existing weir and board system to regulate diversion. When the river is low water is pumped from the river to the Oilar ditch, bypassing the weir and board system. The watermaster also oversees the ranch's single share of Roberts Reservoir water allotted by Court Decree 6395, which is delivered through the weir and board system. The water master uses a staff gage and flow meter to measure diversion. Lookout Ranch does not use the full adjudicated flow. Priority class water diverted at this site is typically used in April, May, and June. The ranch uses approximately 5 acre-feet per month during these months. The Roberts Reservoir share is typically used in July. The number of acre-feet delivered from Roberts Reservoir varies from year to year. Unused water passing through the weir and board system is returned to the Pit River downstream. The site has highly variable flow rates and is frequently submerged by flood water during spring months when the site becomes inaccessible. During spring months the site is frequently under water. During dry months the river level is too low to flow through the weir and a bypass pump is used to move river water into the Oilar ditch. The private Pit River watermaster monitors diversion at the site. The watermaster raises and lowers the boards at the diversion and measures flow with a staff gage and flow meter. The measuring and monitoring method is used whether water flows through the weir and board system or is pumped through the bypass pump into the Oilar ditch. This Alternative Compliance Plan proposes the private Pit River watermaster continue monitoring diversion at the site. Based on infrequent use of diversion at this location, low-volume water use (approximately 5 ac-ft per month, three months per year), site conditions (flooding and inaccessibility, freezing temperatures and potential for ice damage, seasonally low river level), the two separate methods of diversion (weir and board system, bypass pump), and the existing monitoring method (private watermaster, staff gage and flow meter), no further monitoring is proposed at this time. A permanent staff gage will be installed at a convenient location on the weir to help facilitate the watermaster's continued monitoring.

(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. *

The private Pit River watermaster monitors diversion at the site. The watermaster raises and lowers the boards at the diversion and measures flow with a staff gage and flow meter. The measuring and monitoring method is used whether water flows through the weir and board system or is pumped through the bypass pump into the Oilar ditch. This Alternative Compliance Plan proposes the private Pit River watermaster continue monitoring diversion at the site. Based on infrequent use of diversion at this location, low-volume water use (approximately 5 ac-ft per month, three months per year), site conditions (flooding and inaccessibility, freezing temperatures and potential for ice damage, seasonally low river level), the two separate methods of diversion (weir and board system, bypass pump), and the existing monitoring method (private watermaster, staff gage and flow meter), no further monitoring is proposed at this time. A permanent staff gage will be installed at a convenient location on the weir to help facilitate the watermaster's continued monitoring.

(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. *

The weir and board system diverts water from the Pit River into the Oilar ditch on Lookout Ranch. Water moving through the Oilar ditch is commingled with water from Taylor Reservoir at the highline canal. The water diverted at this site provides pivot and other irrigation to 180 acres of mixed crops, and Wetland Reserve Program land. Unused water is returned to the Pit River after leaving the Lookout Ranch property at the south side of Section 28.

(5000 character max.)

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

The diversion works consists of the existing weir and board system and the bypass pump system at the Lookout dam. The weir is approximately 145 inches wide at the boards. A 53 inch concrete inlet berm channels flow to the boards and directs flow for approximately 141 inches past the boards. The weir has a concrete bottom and sides are approximately 7 feet tall. The boards are stacked to reach the 7 foot height to eliminate flow into the Oilar ditch, and are removed to let water flow into the ditch. See attached photos.

(5000 character max.)

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

Irrigation of 180 acres of mixed crops, 300 acres of Wetland Reserve Program lands, and wildlife enhancement.

(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. *

Water is measured by the private Pit River watermaster using a staff gauge and flow meter at the existing weir and board system. This method is used whether water flows through the weir and board system or through the bypass pump system.

(5000 character max.)

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

The watermaster estimates accuracy based on flow meter manufacturer's specifications and knowledge of historic flows at the point of diversion.

(5000 character max.)

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

The watermaster estimates accuracy based on flow meter manufacturer's specifications and knowledge of historic flows at the point of diversion.

(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:

This Alternative Compliance Plan proposes the private Pit River watermaster continue monitoring diversion at the site. Based on infrequent use of diversion at this location, low-volume water use (approximately 5 ac-ft per month, three months per year), site conditions (flooding and inaccessibility, freezing temperatures and potential for ice damage, seasonally low river level), the two separate methods of diversion (weir and board system, bypass pump), and the existing monitoring method (private watermaster, staff gage and flow meter), no further monitoring is proposed at this time. A permanent staff gage will be installed at a convenient location on the weir to help facilitate the watermaster's continued monitoring.

(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.

No other permits are required at the time of this submission.

(5000 character max.)

SECTION I - ATTACHMENTS



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

Choose File

No file selected

Upload

(Uploaded files:)

[Lookout Ranch General Site Location.pdf](#)
[71724_S020529_PlaceofUse.pdf](#)
[S020529 photo looking upstream at Lookout, CA.pdf](#)
[S020529 Alternative Compliance Plan Table 1 071217.pdf](#)

0%

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

Attached please find the photo of the Oilar weir and board system and associated bypass pump housing and piping. Also attached, please find the General Site Location map and Place of Use Map. Table 1 summarizes the statement number, the area of use APNs, and the owner of the water right.

(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 *

Seth Hammack, Ranch M

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.