

Please indicate County where your project is located here:

Mendocino

MAIL FORM AND ATTACHMENTS TO:
State Water Resources Control Board
DIVISION OF WATER RIGHTS
P.O. Box 2000, Sacramento, CA 95812-2000
Tel: (916) 341-5300 Fax: (916) 341-5400
http://www.waterboards.ca.gov/waterrights

PETITION FOR CHANGE

Separate petitions are required for each water right. Mark all areas that apply to your proposed change(s). Incomplete forms may not be accepted. Location and area information must be provided on maps in accordance with established requirements. (Cal. Code Regs., tit. 23, § 715 et seq.) Provide attachments if necessary.

- Point of Diversion, Point of Rediversion, Place of Use, Purpose of Use, Distribution of Storage, Temporary Urgency, Instream Flow Dedication, Waste Water, Split, Terms or Conditions, Other

Application 12919B Permit 12947B License Statement

I (we) hereby petition for change(s) noted above and described as follows:

Point of Diversion or Rediversion - Provide source name and identify points using both Public Land Survey System descriptions to 1/4-1/4 level and California Coordinate System (NAD 83).

Present: Proposed:

Place of Use - Identify area using Public Land Survey System descriptions to 1/4-1/4 level; for irrigation, list number of acres irrigated.

Present: See Attachment 2 Proposed: See Attachment 2

Purpose of Use

Present: Proposed:

Split

Provide the names, addresses, and phone numbers for all proposed water right holders.

[Empty box for names, addresses, and phone numbers]

In addition, provide a separate sheet with a table describing how the water right will be split between the water right holders: for each party list amount by direct diversion and/or storage, season of diversion, maximum annual amount, maximum diversion to offstream storage, point(s) of diversion, place(s) of use, and purpose(s) of use. Maps showing the point(s) of diversion and place of use for each party should be provided.

Distribution of Storage

Present: Proposed:

Temporary Urgency

This temporary urgency change will be effective from to

Include an attachment that describes the urgent need that is the basis of the temporary urgency change and whether the change will result in injury to any lawful user of water or have unreasonable effects on fish, wildlife or instream uses.

Instream Flow Dedication – Provide source name and identify points using both Public Land Survey System descriptions to ¼-¼ level and California Coordinate System (NAD 83).

Upstream Location:

Downstream Location:

List the quantities dedicated to instream flow in either: cubic feet per second or gallons per day:

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<input type="text"/>											

Will the dedicated flow be diverted for consumptive use at a downstream location? Yes No
 If yes, provide the source name, location coordinates, and the quantities of flow that will be diverted from the stream.

Waste Water

If applicable, provide the reduction in amount of treated waste water discharged in cubic feet per second.

Will this change involve water provided by a water service contract which prohibits your exclusive right to this treated waste water? Yes No

Will any legal user of the treated waste water discharged be affected? Yes No

General Information – For all Petitions, provide the following information, if applicable to your proposed change(s).

Will any current Point of Diversion, Point of Storage, or Place of Use be abandoned? Yes No

I (we) have access to the proposed point of diversion or control the proposed place of use by virtue of:
 ownership lease verbal agreement written agreement

If by lease or agreement, state name and address of person(s) from whom access has been obtained.

Give name and address of any person(s) taking water from the stream between the present point of diversion or rediversion and the proposed point of diversion or rediversion, as well as any other person(s) known to you who may be affected by the proposed change.

All Right Holders Must Sign This Form: I (we) declare under penalty of perjury that this change does not involve an increase in the amount of the appropriation or the season of diversion, and that the above is true and correct to the best of my (our) knowledge and belief. Dated at


Right Holder or Authorized Agent Signature


Right Holder or Authorized Agent Signature

NOTE: All petitions must be accompanied by:

- (1) the form Environmental Information for Petitions, including required attachments, available at: http://www.waterboards.ca.gov/waterrights/publications_forms/forms/docs/pet_info.pdf
- (2) Division of Water Rights fee, per the Water Rights Fee Schedule, available at: http://www.waterboards.ca.gov/waterrights/water_issues/programs/fees/
- (3) Department of Fish and Wildlife fee of \$850 (Pub. Resources Code, § 10005)

**Attachment 1 to
TEMPORARY URGENCY PETITION FOR CHANGE**

Permit 12947B

Mendocino County Russian River Flood Control & Water Conservation Improvement District

District hereby requests that Permit 12947B be amended (1) only upon approval of the SCWA TUCP, and (2) only during the term of the SCWA TUCP, as follows:

1. Provisions for Real Time Forecasts of Diversions.

District is currently implementing real time metering of customer diversions. Although the District currently does not have the ability to forecast all diversions by its customers in real time, the District shall work with its customers to develop a real-time forecasting plan that will assist SCWA in managing releases of water from Lake Mendocino storage to meet minimum instream flow requirements with as small of an operational buffer as possible while the State Water Board's orders on the District's and SCWA's TUCP's are in effect.

To develop this plan, the District shall hold a meeting of all of its customers within seven (7) days after the date of the State Water Board's approval of the District's TUCP, and using the input from its customers that the District receives during this meeting, the District shall prepare a plan for providing real time one-day and three-day forward forecasts of its customers' diversions to SCWA. The goal of this plan shall be to provide these forecasts of diversions by District customers from the Russian River or its underflow with at least three-fourths of the total amount of water that is subject to District contracts.

The District shall file this plan with the State Water Board, and submit a copy of this plan to SCWA, within fourteen (14) days of the date of the State Water Board's approval of the District's TUCP. The District shall begin to implement this plan immediately after the District files it with the State Water Board. The District shall continue to implement this plan while the State Water Board's order on the District's TUCP is in effect.

2. Plan for Reductions in Diversions.

District has currently imposed a mandatory 25% reduction in contract deliveries. While the majority of the District's customers have supplemental sources of supply, in 2014 the majority of those customers have had those supplies curtailed by the State Water Board, so the 25% mandatory conservation has resulted in corresponding amounts of actual demand reduction. A table depicting demand reductions achieved to date is attached as **Exhibit A**, and will be updated with additional information as received.

- District shall hold a meeting of its customers within 7 days after the date of the State Water Board's order approving the District's TUCP, and, during that meeting and through written correspondence, provide its customers with information about the drought emergency and the District's TUCP, and request sufficient reductions in its customers' diversions to achieve at least 20% reductions in their diversions (using the baseline defined in term U) while the State Water Board's order on the District's TUCP is in effect.
- District shall implement the requirements imposed by State Water Board Standard Permit Term U in accordance with a Water Demand Reduction Plan that the District will prepare and

file with the Deputy Director for Water Rights within 14 days after the State Water Board's order approving the District's TUCP, for review and approval by the Deputy Director. The Plan shall be designed to ensure that all parties that beneficially use water diverted or stored under the District's water-right Permit 12947B will implement actions to meet reductions in all of their diversions of at least 20% of their baseline water demands (as defined in Term U).

3. Long-Term Drought Contingency Plan.

District shall develop a long-term drought contingency plan in cooperation with SCWA. This plan will contain the following provisions: (a) protocols for real-time one-day and three-day advance forecasts of total diversions by all District customers under all bases of right, to facilitate SCWA's operations with releases of Lake Mendocino stored water with minimal operational buffers; (b) protocols for achieving reductions in the total diversions by each District contractor during future droughts; and (c) annual reporting to the State Water Board of the total monthly amounts water diverted by each District contractor under its contract with the District (with the report for each year to be filed by June 30 of the following year). The District shall file this plan with the State Water Board within six months after the date of the State Water Board's order approving the District's TUCP.

4. Standard Permit Term U will be added to the District's Permit 12947B for the duration of the temporary change, as follows:

The temporary change(s) authorized by this Order are not effective unless right holder is operating in accordance with a Water Demand Reduction Plan (Plan) satisfactory to the Deputy Director for Water Rights. The Plan shall be designed to ensure that all parties that beneficially use water diverted and/or stored under this right implement actions to meet a water demand reduction of a minimum of 20% of the baseline water demand. The Plan shall define baseline water demand as appropriate for the right holder's situation based on considerations such as weather, economy, wholesale supplier allocations or other relevant information. For the purpose of compliance with this term, if the Plan does not define baseline water demand, it is assumed to be the average water demand for Use during 2013.

The Plan shall include, at a minimum, the following components:

1. All parties that beneficially use water diverted and/or stored under this right and/or parties otherwise subject to the temporary change(s) authorized by this Order;
2. Baseline water demand for all parties included in (1) above;
3. Existing actions and additional actions planned by each party included in (1) above to reduce water use in order to meet the water demand reduction required by this term, including a description of how such actions can be expected to meet the demand reduction. The Plan shall also identify additional actions to be implemented, in the event that the right holder does not attain the amount of water use demand reduction relative to baseline water demand.;

For right holders with municipal or domestic use: Additional actions to be considered include, at a minimum, those recommended in any applicable Governor's Drought Proclamation as applicable to the right holders operations, and determine if implementation of such action(s) may increase conservation of their water supply. If so, the right holder will either implement the recommendation(s) or provide documentation as to why such action is not reasonable for the right holders' situation. Actions to evaluate include, but are not limited to, 1) Avoid using water to

clean sidewalks, driveways, parking lots and other hardscapes; 2) Turn off fountains and other decorative water features unless recycled or grey water is used for those water features, 3) Limit vehicle washing at home by patronizing local carwashes that use recycled water; 4) Limit outdoor watering of lawns and landscaping to no more than two times a week; 5) Recreational facilities, such as city parks and golf courses, and large institutional complexes, such as schools, business parks and campuses, should immediately implement water reduction plans to reduce the use of potable water for outdoor irrigation; 6) Commercial establishments such as hotel and restaurants should take steps to reduce water usage and increase public awareness of the drought through measures such as offering drinking water only upon request and providing customers with options to avoid daily washing of towels or sheets; 7) Professional sports facilities, such as basketball arenas, football, soccer, and baseball stadiums, and hockey rinks should reduce water usage and increase public awareness of the drought by reducing the use of potable water for outdoor irrigation and encouraging conservation by spectators.;

For right holders with irrigation use for commercial agriculture: Additional actions to be considered include, but are not limited to, those associated with on farm conservation, such as irrigation scheduling, tailwater recovery systems, and irrigation system improvements, and irrigation district system improvements, such as canal lining, canal structure improvements, and remote measurement, monitoring and control. Right holder shall determine if implementation of such action(s) may increase conservation of water supply. The right holder will either implement action(s) or provide documentation as to why such action is not reasonable for the right holders' situation.

4. For parties included in (1) above over which the right holder has the authority or other ability to impose the listed water demand reduction actions, a list of such parties and a description of such authority or other ability over each party;

5. For parties included in (1) above over which the right holder does not have the authority or other ability to impose the listed water demand reduction actions, a list of such parties, a description of the efforts of the right holder to coordinate with each of the listed parties to ensure that each party take appropriate action to reduce water demand, and a description of such actions for each party;

6. A detailed schedule with planned completion dates for key events. Right holder shall submit to the Deputy Director for Water Rights a written report within 15 days of the end of each month (monthly status update) that provides a summary of compliance with this term. The monthly status update shall, at a minimum, include a description of the right holder's actions to date to comply with the requirements of this term and the results of such actions, including but not limited to the amount of water demand reduction relative to baseline water demand. The data submitted for the amount of water demand reduction shall include both monthly and aggregate annual to date information and shall be compared to baseline water demand. When the monthly status update reflects that the right holder is not achieving the minimum water demand reduction of this term, the right holder shall also include additional actions the right holder has adopted and/or implemented to meet the demand reduction and identify the date when such additional actions will be fully implemented as part of the monthly status update.

Failure to achieve demand reduction may result in modification of this Order to limit the extent of the approved action, at the discretion of the Deputy Director for Water Rights.

Attachment 2 to
TEMPORARY URGENCY PETITION FOR CHANGE
Permit 12947B

Mendocino County Russian River Flood Control & Water Conservation Improvement District

Proposed Change in Place of Use

Present: Within the place of use authorized under Permit 12947B:
 At Lake Mendocino and within southern Mendocino County from Coyote Valley Reservoir to the county line in the Russian River Valley. Approximately 4,096 acres will be irrigated within a gross area of 12,100 acres.

 Within the place of use authorized pursuant to Order WR 79-15;
 Irrigation use of 3,500 acres within Redwood Valley County Water District.

Proposed: Within the place of use authorized under Permit 12947B:
 At Lake Mendocino and within southern Mendocino County from Coyote Valley Reservoir to the county line in the Russian River Valley. Approximately 4,196 acres will be irrigated within a gross area of 16,505 acres as shown on map entitled Proposed Change in Place of Use for Irrigation dated December 2013 (*attached*).

 Within the place of use authorized pursuant to Order WR 79-15;
 Irrigation use of 3,500 acres within Redwood Valley County Water District as shown on map dated April 11, 1976, filed with the State Water Board and superseded by map entitled Place of Use dated December 2013 (*attached*).

**Attachment 3 to
TEMPORARY URGENCY PETITION FOR CHANGE
Permit 12947B**

Mendocino County Russian River Flood Control & Water Conservation Improvement District

PETITION

Mendocino County Russian River Flood Control & Water Conservation Improvement District (**District**) requests that the State Water Resources Control Board (**State Water Board**) approve a Petition for Temporary Urgency Change for Permit 12947B pursuant to Water Code section 1435. District requests the following temporary urgency changes requested to Permit 12947B:

1. **Addition of temporary drought emergency terms conditions to Permit 12947B as set forth on Attachment 1. These terms and conditions will coordinate with the Temporary Urgency Petition for change simultaneously being filed by Sonoma County Water Agency to change instream flows from Lake Mendocino to preserve storage.**

These terms and conditions are being temporarily added to Permit 12947B to support a Temporary Urgency Change Petition filed by Sonoma County Water Agency (**SCWA**) asking for temporary reductions in the upper Russian River instream-flow requirements from 75 to 50 cfs and in the lower Russian River requirements from 85 to 60 cfs (**SCWA TUCP**). The District also supports the request to be made in the SCWA TUCP that the State Water Board impose 20% reductions in diversions under the 10,000 af/yr reservation for junior appropriators in the Russian River Valley that was created by term 18 on page 13 of the State Water Board Order WR 74-30. The SCWA TUCP will allow desperately needed water to be retained in Lake Mendocino; the goal of the SCWA TUCP is to have the instream flows amended to achieve additional real retained water storage in the reservoir through both water retention and actual demand reduction in the next 60 days.

2. **A temporary urgency change to the place of use for the Permit to reflect the actual service area of the district, and a temporary change to increase the net acreage to be irrigated within the place of use from 4,096 acres to 4,196 acres.**

The place of use will remain within the existing district boundaries; however, the district's current place of use imposes a limit of 4,096 acres within a gross area of 12,100 acres. The district has a long-term Petition for Change pending to change the gross place of use from 12,100 acres to 16,505 acres to correspond to the district's existing boundaries, while retaining the net restriction on irrigable acres of 4,096. The district is asking for a temporary increase to add 100 acres to the net irrigable acres so it can provide irrigation water to vineyards that have no other source of water; without a source of supply the vines located on that acreage will die. The water will not be used for conversion of any land, but will be limited to continued historical uses on land that has been historically placed to agricultural use and irrigated within the boundaries of the district. The temporary increase in irrigable acres will not require more than 20 acre feet of water for the duration of the temporary urgency change. By imposing 25% mandatory conservation on its customers since May of 2014, the district has already achieved a savings of over 1,100 acre feet over use in 2013. See **Exhibit A** attached hereto. The increase in potential use for emergency use on vineyards is de minimus compared with the water that has already been conserved by the district.

There will be no other changes to the project - no construction activity, no structures to be built, no area to be graded or excavated, and no increase in water diverted or authorized under the permit. There will be no land use changes caused by the requested temporary urgency change. All diversions would be made via existing diversions on the Russian River, and all water would be diverted for existing uses.

WATER RIGHTS OF DISTRICT

District holds Permit 12947B in the Russian River watershed. Permit 12947B (Application 12920B) allows direct diversion of 53 cfs and shared storage of 122,500 acre feet annually, with combined direct diversion and rediversion of stored water limited to 8,000 acre feet annually. The season of diversion is year round, and the purposes of use are Recreation, Municipal, Industrial, Domestic and Irrigation. District provides water for municipal, industrial and irrigation within its boundaries pursuant to Permit 12947B. In addition, water users within District boundaries also divert water pursuant to individual rights.

CURRENT CONDITIONS

As of July 15, 2014, the volume of water stored in Lake Mendocino was approximately 42,326 acre feet, which is less than 39% of capacity. Water year 2013 was the driest year ever recorded in the district. In the face of extreme drought it is essential to preserve the existing water in Lake Mendocino. In addition, releases are being made from the reservoir pursuant to a dry, and not critical, year instream flow schedule of approximately 75 cfs. At current rates of use and releases, Lake Mendocino will have less than 20,000 acre feet of storage by November 1, 2014. The District supports the SCWA TUCP asking for temporary reductions in the upper Russian River instream-flow requirements from 75 to 50 cfs and in the lower Russian River requirements from 85 to 60 cfs. The change will allow SCWA and District to retain valuable surface water in storage for the remainder of 2014.

At the same time during this historic drought, certain lands within the District's boundaries have no source of water and own vineyards that will die without an emergency supply of water in 2014. The District has water available for this emergency purpose because it imposed mandatory conservation upon all of its customers in March of 2014. Through this mandatory conservation District's public agency customers have diverted on average over 27% less than was used under the District's rights in 2013. However, while irrigation is an authorized purpose of use under Permit 12947B, irrigation is restricted to 4,096 acres within the authorized net irrigated acres allowed within the District's gross place of use. In this emergency drought year District has reached its maximum acreage delivery under Permit 12947B and cannot provide additional water supply for irrigation to land in critical need of water. The District proposes to temporarily change Permit 12947B to increase the allowable agricultural place of use by 100 acres to meet current emergency irrigation demand in the remainder of 2014. No more than 20 acre feet would be needed in 2014 to provide emergency supplies to this land; less than 1% of the amount conserved thus far in 2014.

COMPLIANCE WITH THE CALIFORNIA ENVIRONMENTAL QUALITY ACT

By proclamations dated January 17, 2014 and April 25, 2014, the Governor declared a state of emergency in California due to the ongoing extraordinary drought. Each proclamation included a directive that suspended the environmental review required by the CEQA to allow certain directives from the Governor to take place as quickly as possible. The proposed change is consistent with Directive 2 from the April 25, 2014 proclamation that is included in the Governor's suspension of the CEQA.

The proposed change is exempt from the CEQA because it is an emergency project that is being carried out consistent with a "state of emergency" as proclaimed by the Governor on January 17, 2014, and expanded upon in an April 25, 2014 proclamation.

CRITERIA FOR APPROVING THE PROPOSED TEMPORARY URGENCY CHANGE

Water Code section 1435 provides that a right holder who has an urgent need to change the point of diversion, place of use, or purpose of use from that specified in the water right may file a Petition for Temporary Urgency Change with the State Water Board. The State Water Board's regulations set forth the filing and other procedural requirements applicable to a Petition for Temporary Urgency Change. (Cal. Code Regs., tit. 23, §§ 805, 806.) Before approving a Petition for Temporary Urgency Change, the State Water Board must make the following findings (Wat. Code, § 1435, subd. (b).):

- a. The right holder has an urgent need to make the proposed change;
- b. The proposed change may be made without injury to any other lawful user of water;
- c. The proposed change may be made without unreasonable effect upon fish, wildlife, or other instream beneficial uses; and,
- d. The proposed change is in the public interest.

A discussion of each finding and the information necessary to support each finding is provided below.

1. Urgency of the Proposed Change

Under Water Code section 1435, subdivision (c), an “urgent need” means “the existence of circumstances from which the board may in its judgment conclude that the proposed temporary change is necessary to further the constitutional policy that the water resources of the state be put to beneficial use to the fullest extent of which they are capable and that waste of water be prevented” However, the State Water Board shall not find the need urgent if it concludes that the right holder has failed to exercise due diligence in petitioning for a change pursuant to other appropriate provisions of the Water Code.

a. Terms. As of July 15, 2014, the volume of water stored in Lake Mendocino was approximately 42,326 acre feet, which is less than 39% of capacity. Water year 2013 was the driest year ever recorded in the district. In the face of extreme drought it is essential to preserve the existing water in Lake Mendocino. In addition, releases are being made from the reservoir pursuant to a dry, and not critical, year instream flow schedule of approximately 75 cfs. At current rates of use and releases, Lake Mendocino will have less than 20,000 acre feet of storage by November 1, 2014. The District supports the SCWA TUCP asking for temporary reductions in the upper Russian River instream-flow requirements from 75 to 50 cfs and in the lower Russian River requirements from 85 to 60 cfs. The change will allow SCWA and District to retain valuable surface water in storage for the remainder of 2014.

b. Increase in Irrigated Acres. District has identified current demand for agricultural water to provide to permanent crops. This demand is to irrigate acreage that has no other source of water in 2014 and will likely die without water. Deliveries cannot be made to meet this demand under the District’s existing water right due to the 4,096 acre limit placed on that water right. Absent the change, District will be unable to provide irrigation water and permanent crops within the District boundaries will be permanently damaged and/or destroyed.

2. No Injury to Any Other Lawful User of Water

a. Terms. Inclusion of the terms in the Permit are intended to increase water conservation and do not have the potential to injure any other lawful user of water.

b. Increase in Irrigated Acres. Water provided for irrigation to the added 100 acres would not exceed 20 acre feet. Through mandatory conservation the District's public agency customers have diverted on average over 27% less than was used under the District's rights in 2013. Twenty acre feet is less than 1% of the amount conserved thus far in 2014. Most importantly, any additional water taken would come from water previously diverted to storage in Lake Mendocino pursuant to Permit 12947B, and no one else is entitled to the water.

3. No Unreasonable Effect upon Fish, Wildlife, or Other Instream Beneficial Uses

a. Terms. Inclusion of the terms in the Permit are intended to increase water conservation and do not have the potential to injure any other lawful user of water. At current rates of use and releases, Lake Mendocino will have less than 20,000 acre feet of storage by November 1, 2014; retaining additional water in storage through approval of the SCWA TUCP will result in more water in storage which provides a long-term benefit to the fisheries in the Russian River.

b. Increase in Irrigated Acres. Water provided for irrigation to the added 100 acres would not exceed 20 acre feet. Through mandatory conservation the District's public agency customers alone have diverted on average over 27% less than was used under the District's rights in 2013, over 1,100 acre feet so far saved in 2014. Twenty acre feet is less than 1% of the amount conserved thus far in 2014. The amount that would be needed to save vineyard within the District represents a *de minimus* amount of water, more than off-set by the District's conservation, resulting in a net benefit to the watershed's fish and wildlife.

District has contacted Josh Fuller at the National Marine Fisheries Service and We Stokes and the California Department of Fish and Wildlife, who are supportive of the district's petition.

4. The Proposed Change is in the Public Interest

a. Terms. Retaining storage in Lake Mendocino is in the public interest to insure that critical water supplies continue to be available through 2014.

b. Increase in Irrigated Acres. Allowing increased irrigation to a maximum of 100 acres within the District is within the public interest so that permanent vineyard is not permanent damaged or destroyed in the fall of 2014. The use of water is more than off-set by conservation efforts accomplished within the District thus far in t 2014.

California water law allows the approval of urgent changes to water rights permits and licenses in advance of public noticing. Due to the severity of the current drought situation, and the emergency need for water within the District, the District is requesting that the State Water Board staff expedite their determination on the Petition to allow irrigation to save permanent crops.

	Millview CWD		Saved	Redwood Valley		Saved	City of Ukiah*		Saved	RRFC Ag**		Saved	Rogina Water		Saved
	2013	2014		2013	2014		2013	2014		2013	2014		2013	2014	
January	17.01	18.03	-6%	46.75	194.89	-316.88%	4.04	6.54	-61.94%	1.3	0.8	38.46%	86680	1062400	-1126%
February	16.38	13.31	18.74%	11.04	76.43	-592.30%	6.36	2.48	60.96%	2	1.1	45.00%	758000	756500	0%
March	17.23	15.61	9.40%	72.81	63.28	13.09%	10.12	3.03	70.00%	174.4	14.1	91.92%	829200	663700	20%
April	23.01	18.43	19.90%	153.14	52.48	65.73%	28.97	12.63	56.39%	517.5	300.8	41.87%	1076700	1015800	6%
May	40.32	27.53	31.72%	123.68	30.99	74.94%	88.76	42.65	51.95%	346.9	214.5	38.17%	2548900	1408700	45%
June	44.32	29.75	32.87%	206.54	38.83	81.20%	99.55	64.20	35.51%	353.2	71	79.90%	3026300	2664400	12%
July	42.74	39.12	8.47%	343.13	35.29	89.72%	102.67	72.44	29.45%	725.7	420	42.12%	3717400	2363000	36%
Total MG	201.01	161.78					340.47	203.979					12823000	9934500	
Total AF	616.88	496.48		957.09	492.19		1044.86	625.99		2121.00	1022.30		294.38	228.06	
Total AF Saved			120.39			464.9			418.88			1098.70			66.31
Total % Saved			19.52%			48.57%			40.09%			51.80%			22.53%

* Russian River diversions only. Total percent reduction including groundwater wells is 17%

** Based on gross readings from RRFC Ag PODs

Hopland PUD			Calpella CWD			Willow			Russian River Estates		
2013	2014	Saved	2013	2014	Saved	2013	2014	Saved	2013	2014	Saved
3.375	4.447	-32%	1.687	1.843	-9%	13.434	16.581	-23%	0.479	0.593	-24%
2.874	3.769	-31%	1.528	1.567	-3%	12.396	12.251	1%	0.457	0.426	7%
3.1	2.896	7%	1.732	1.676	3%	15.502	13.642	12%	0.686	0.488	29%
3.759	3.913	-4%	1.993	1.956	2%	18.656	14.367	23%	0.953	0.599	37%
4.447	4.881	-10%	3.103	2.481	20%	28.615	20.321	29%	1.475	0.9	39%
6.716	5.219	22%	3.502	2.858	18%	33.878	25.389	25%	1.652	1.093	34%
7.004	6.111	13%	4.162	3.259	22%	40.551	31.7	22%	1.981	1.204	39%
31.275	31.236		17.707	15.64		163.032	134.251		7.683	5.303	
31.28	31.24		17.70	15.60		163	134		7.7	5.3	
		0.04			2.1			29			2.4
		0.12%			11.86%			18%			31%