

Groundwater Local Cooperative Solution  
Documents Updated For 2023

STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER RIGHTS  
Groundwater (GW) Local Cooperative Solution (LCS) Plan Resubmission Form

This form should only be used if you had an approved GW LCS in 2022, or the plan was listed as "Pending" on the State Water Resources Control Board (State Water Board) website:

[https://www.waterboards.ca.gov/waterrights/water\\_issues/programs/drought/scott\\_shasta\\_rivers/ilcs.html](https://www.waterboards.ca.gov/waterrights/water_issues/programs/drought/scott_shasta_rivers/ilcs.html)

Submit Form by Email, Post Mail, or Fax

ScottShastaDrought@waterboards.ca.gov

State Water Resources Control Board, DIVISION OF WATER RIGHTS

P.O. Box 2000, Sacramento, CA 95812-2000

Fax: (916) 341-5400

Phone: (916) 327-3113

**1. Contact Information**

Name of Person Filling out Form: Warren Farnam

Property Owner Name (if other than self): Greg and Dona Farnam

Phone Number: [REDACTED]

Email (if available): [REDACTED]

Ranch Name (if applicable): Patterson Creek Ranch

**2. Agreement Information**

Do you have a Binding Coordination Agreement for 2023? Yes  No

If Yes, identify your Coordinating Entity (check one below) and submit the Binding Coordination Agreement to the State Water Board.

Department of Fish and Wildlife

Siskiyou Resource Conservation District

Shasta Valley Resource Conservation District

If No, you may still submit this form, but you will need to obtain a Binding Coordination Agreement before the State Water Board can consider re-approving your plan.

Are you proposing any changes to your 2022 plan for the 2023 irrigation season? Yes  No

If Yes, summarize these changes in the space provided below. Depending on the number and type of changes, State Water Board staff may contact you with instructions for submitting an updated Plan:

Net reduction in water use is the same. One wheel line was replaced with a small pivot for increased efficiency. No second crop in field one, now perennial grass.

**3. Groundwater Level Monitoring**

The State Water Board has identified a need to monitor groundwater conditions in the Scott River and Shasta River watersheds to quantify beneficial impact on groundwater levels. The State Water Board seeks access to **non-pumping groundwater wells** for the purpose of monitoring the static water levels. By submitting a groundwater LCS, you authorize State Water Board staff or the Coordinating Entity to install and monitor groundwater level monitoring equipment.

Do you currently have any wells on your property that are monitored for depth to water? Yes  No

State Water Board or Binding Coordinating Entity may monitor static groundwater levels in one or more of your wells? Yes  No

5/24/2023

Adam Weinberg spoke with Warren Farnam at 2:15 pm about the groundwater LCS well monitoring requirement. Warren explained that there are no unpumped wells on the property. There are domestic wells, and these will have instruments installed this fall to monitor groundwater recharge. This data will be publicly available. The RCD may monitor the well(s) prior to this should it be necessary, but must remove any equipment when the other instrument(s) are installed.



Patterson Creek Ranch  
Greg and Dona Farnam



4/26/2023

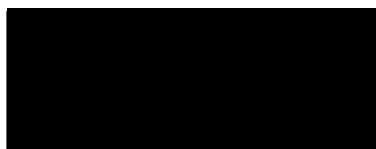
California State Water Resources Control Board  
Attn: Adam Weinberg  
1001 I Street  
Sacramento, CA 95814

Re: Patterson Creek Ranch LCS Application

Mr. Weinberg,

Pursuant to Title 23, Division 3, Chapter 2, Article 23.5, section 875(f)(4)(D), Greg and Dona Farnam apply to be a part of a Local Cooperative Solution (LCS) for the Scott River Watershed through a 30% reduction in ground water irrigation use. This 30% reduction will be met by a change in crop production between 2020 and 2023. A reasonable estimation of irrigation requirements for each crop, acreage, and corresponding year are detailed in attachment 2. Crop water requirements are based on existing data from UC Davis Co-operative research, soil types, and irrigation type that exists for the intermountain region. The greatest savings in this proposed plan comes from the elimination of late-season (July – Sept) corn silage production and replaced with a significantly less water using perennial grass.

Reasonable assurance for compliance of the proposed 30% reduction can be demonstrated by verification of existing crop type in April and August of the 2023 irrigation season by the Coordinating Entity. Though not necessary for compliance determination of this plan and subject to available funding, a water application and soil moisture monitoring program will be established for future water use efficiency determination. Through the use of soil moisture resistance blocks in each field and chronological record keeping, better irrigation decisions will yield greater water savings and profitability in the future. An example record keeping form is demonstrated in attachment 3.



# Patterson Creek Ranch

ATTACHMENT 1



Google Earth



**Patterson Creek Ranch**

**2020 vs 2023 GW Reduction Plan**

**2020**

Field	GPS Location	Soil Type	Irrigation type	Field Ac	Crop	in/ac	2nd Crop (change July-Sept)	in/ac	Total Inches	Total AF/ac	Total GW AF/field
F1	41°30'46.87"N 122°53'46.67"W	Diyou loam, drained	Pivot Low Pressure	42	Triticale	9	Corn	32	41	3.4	143.5
F2	41°30'47.10"N 122°53'54.90"W	Atter Stoner gravelly sandy loam	Wheel-line-Low Pressure	9.5	Alfalfa	30	no season change		30	2.5	23.8
F3	41°30'47.20"N 122°54'1.94"W	Atter Stoner gravelly sandy loam	Pivot-Low Pressure	19	Orch. grass	20	no season change		20	1.7	31.7
F4	41°30'39.03"N 122°54'1.62"W	Atter Stoner gravelly sandy loam	Wheel-line-Low Pressure	3.9	Orch. grass	22	no season change		22	1.8	7.2
F5	41°30'39.31"N 122°54'10.71"W	Atter Stoner gravelly sandy loam	Wheel-line-Low Pressure	8	Wheat	12	Sanfoin	10	22	1.8	14.7
F6	41°30'35.40"N 122°53'58.90"W	Atter Stoner gravelly sandy loam	Wheel-line-LP/Handline	11.3	Triticale	12	Grass mix	10	22	1.8	20.7
<b>TOTALS</b>				<b>93.7</b>							<b>241.5</b>

**2023**

Field	GPS Location	Soil Type	Irrigation type	Field Ac	Crop	in/ac	2nd Crop (change July-Sept)	in/ac	Total Inches	Total AF/ac	Total GW AF/field
F1	41°30'46.87"N 122°53'46.67"W	Diyou loam, drained	Pivot-Low Pressure	42	Grass mix	20	no season change		20	1.7	70.0
F2	41°30'47.10"N 122°53'54.90"W	Atter Stoner gravelly sandy loam	Pivot-Low Pressure	9.5	Alf/grass	28	no season change		28	2.3	22.2
F3	41°30'47.20"N 122°54'1.94"W	Atter Stoner gravelly sandy loam	Pivot-Low Pressure	19	Orch. grass	20	no season change		20	1.7	31.7
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<b>TOTALS</b>				<b>93.7</b>							<b>166.4</b>

v1.4

Reduction 2020 vs 2023

**Total AF estimated reduction by incorporating 2023 crop changes 31.1%**

     Field indicates change from 2022 LCS





## ATTACHMENT 4

### **ADDITIONAL APPLICATION INFORMATION – PATTERSON CREEK RANCH**

#### **IRRIGATION INFORMATION**

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- Fields co-located on the following APNs:
  - 023-030-420-000
  - 023-040-260-000
  - 023-051-370-000
  - 023-430-110-000
- Irrigation groundwater source located NE corner of F1, parcel: 023-030-420-000.
- Groundwater source is an overlying right.
- Groundwater source produces approximately 675 gpm.
- Irrigation season is typically April – October.
- No surface water irrigation will be used on any of the identified fields in this plan.
- Precipitation and ET is not included in crop irrigation calculations.
- Irrigation monitoring information can be submitted to SRCD upon request.

#### **INCORPERATED WATER CONSERVATION PRACTICES PAST 10 YEARS**

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- Fields F1 and F3 have switched to low-pressure pivots vs wheel lines.
- Fields F4, F5, and F6 wheel lines have been converted to self-adjusting low flow nozzles.
- Fields F1, F2, and F3 have incorporated moisture monitoring via installation of resistance blocks.
- GW turbine converted to variable frequency drive operation to support low pressure operation.
- Participated in UC Davis Extension water efficiency studies.
- Field F2 was switched to a low-pressure pivot in winter 2022 and the wheel line removed.

#### **GLOSSARY**

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Ac-acre

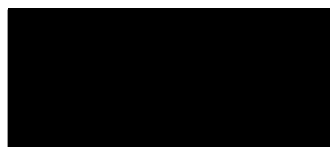
AF- acre feet

Alf-alfalfa

APN- assessor parcel number

GPM-gallons per minute

GW-groundwater



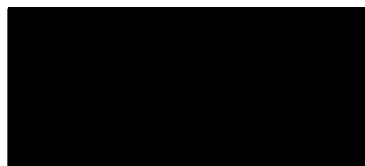




## REFERENCE INFORMATION

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- Intermountain Irrigated Pastures and Mountain Meadows  
<https://ucanr.edu/sites/Rangelands/files/281128.pdf>
- Intermountain Alfalfa Management  
<https://cesiskiyou.ucanr.edu/files/117595.pdf>
- UC Drought Management – Corn  
[https://ucmanagedrought.ucdavis.edu/Agriculture/Crop\\_Irrigation\\_Strategies/Corn/](https://ucmanagedrought.ucdavis.edu/Agriculture/Crop_Irrigation_Strategies/Corn/)
- Center Pivot Irrigation of Corn – University of Idaho Extension  
<https://www.extension.uidaho.edu/publishing/pdf/BUL/BUL0881.pdf>
- UC Davis Drought Management – Agriculture Irrigation Water Management  
<https://ucmanagedrought.ucdavis.edu/Agriculture/>
- Monitoring Soil for Maximum Profit Irrigation Management  
<https://alfalfa.ucdavis.edu/+symposium/proceedings/2002/02-073.pdf>
- Fulton, Allan, Khaled Bali, Zazk Mousli, and Lee Jackson. 2006. Small grains production manual, Part 5: Irrigation and water relations. UC Davis.
- Irrigation Management for Wheat  
<https://alfalfa.ucdavis.edu/+symposium/proceedings/2012/12-109.pdf>





## SISKIYOU RESOURCE CONSERVATION DISTRICT

P.O. Box 268, Etna, CA 96027  
PHONE (530) 467-3975 FAX (530) 467-5617  
Email: [sisqrcd@sisqtel.net](mailto:sisqrcd@sisqtel.net)  
Website: [www.siskivoured.com](http://www.siskivoured.com)

### Binding Agreement

#### Contractor Contact Information:

<i>Business:</i>	Siskiyou RCD
<i>Contact Person:</i>	Chris Voigt
<i>Address:</i>	PO Box 268/ 450 Main St., Etna, CA, 96027
<i>Phone:</i>	(530) 467-3975
<i>Email:</i>	chris@siskiyourcd.com

#### Landowner Contact Information:

<i>Business:</i>	PATERSON CREEK RANCH
<i>Contact Person:</i>	WARREN FARNAM / GREG FARNAM
<i>Address:</i>	[REDACTED]
<i>Phone:</i>	[REDACTED]
<i>Email:</i>	[REDACTED]

#### Background

Under the 2021 drought emergency regulation instated by the State Water Resources Control Board (SWRCB) that established drought emergency minimum flows in the Scott River, a Local Cooperative Solution (LCS) may be proposed by individuals or groups to submit by petition to the Deputy Director of the SWRCB as an alternative means of reducing water use to meet or preserve drought emergency minimum flows and provide fishery benefits, in lieu of curtailment. This binding agreement between the (Landowner) and Siskiyou Resource Conservation District (SRCD) will monitor the SRWCB approved LCS to achieve 1) a net reduction of water use of 30 percent throughout the irrigation season; and 2) a monthly reduction of at least 30 percent in the July through October 31 period, as compared to 2020 or 2021.



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### Recitals

1. Section 875(f)(4)(D) of the drought emergency regulation provides a specific type of LCS that was determined to be sufficient for approval by the Deputy Director;
2. For overlying or adjudicated groundwater diversions for irrigated agriculture described in sections 875.5(f)(4)(D)(i)-(iii) [Scott River], the Deputy Director may approve a groundwater-basin-wide, groundwater sub-basin-wide, or any number of individual local cooperative solutions where:
  - i. The proposal is based on a binding agreement. "Such binding agreement may be made with a coordinating entity with the expertise and ability to evaluate and require performance of the agreement, for example with the California Department of Fish and Wildlife (CDFW), the National Marine Fisheries Service, the Scott Valley and Shasta Valley Watermaster District, a non-profit organization with expertise and experience in water-saving transactions or similarly qualified entity."
  - ii. For the Scott River: "The proposal provides at least: 1) a net reduction in water use of 30 percent throughout the irrigation season (April 1-October 31), as compared to the prior irrigation season; and 2) a monthly reduction of at least 30% in the July 1 through October 31 period, as compared to the prior year or 2020 or 2021. Such reduction may be demonstrated by evidence that provides a reasonable assurance that the change in farming practice or other action results in at least the relevant proportionate reduction. Such evidence may include but is not limited to: pumping reports; actions that will be taken to reduce water use; estimation of water saved from conservation measures or changes in irrigation or planting decisions; and electric bills."

**Proposed Local Cooperative Solution:** *(Specific action plan to be completed by landowner, see attached LCS application form)*



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### **Binding Agreement Terms**

The Landowner is required to adhere to the LCS, as approved by SWRCB. The Landowner has requested that SRCD serve as the coordinating entity. As such, both parties agree to the following:

- For the duration of this binding agreement where SRCD is the coordinating entity, the Landowner shall give SRCD the right to reasonably access the included parcels for the limited purpose of verifying execution of the LCS. Any individual not directly employed or contracted by SRCD shall provide pre-notification to, and shall obtain approval by the Landowner before accessing the property,
- SRCD will strive to notify the Landowner a day in advance of visiting the parcels and shall provide the Landowner or designee the ability to participate in monitoring activities,
- It is anticipated that SRCD representatives will visit the property approximately twice per month to monitor the approved LCS, unless inadequacies are discovered, in which case additional field visits will occur until inadequacies are rectified. A monitoring inspection may include verification of any or all of the actions described in the conservation plan and may include inspection checklist/notes/reports and photo verification,
- SRCD will submit the information regarding the verification materials and actions described in this agreement, and conservation plan incorporated by reference, to the State Water Board upon request, for the purposes of verifying compliance with the LCS,
- This binding agreement is not intended to preclude, harm, or otherwise interfere with the landowner's ability to secure any funding to mitigate the financial impacts imposed by the emergency regulation or proposed conservation practices. SRCD supports the use of funding programs to ameliorate the costs of implementing the conservation practices described in the proposed conservation plan: planning and cooperation under a voluntary LCS should not undermine the ability to receive such funding,
- This binding agreement may be terminated by either party at any time. Both parties agree to take reasonable measures to resolve any concerns related to the performance of the LCS, negative interpersonal interaction, or any unforeseen circumstance prior to invoking termination,
- As the irrigation season unfolds, there may be reason to change the terms of the LCS or this binding agreement with respect to its implementation and verification. Any such changes to the LCS or service agreement will need to be agreed upon by the Landowner



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and SRWCB. If a Landowner requests SRCD assistance with an updated LCS, the SRCD and Landowner will enter into a new Binding Agreement and,

### **Payment**

In consideration for the services to be performed by SRCD, the Landowner agrees to pay SRCD at the rate of \$75.00 per hour for initial consultation and \$75.00 per hour for all services rendered after signing of the binding agreement.

### **Expenses**

The Landowner will reimburse SRCD for expenses that are attributable directly to work performed under this Agreement. Any expenses incurred will be approved by the Landowner beforehand. SRCD will submit an itemized statement of Contractor's expenses attached with invoicing.

### **Terms of Payment**

Upon completion of SRCD services under this binding agreement, the SRCD will submit an invoice. The Landowner will pay SRCD the compensation described within 30 days of receiving SRCD's invoice.

### **Term of Agreement**

This agreement will become effective when signed by both parties and will terminate on:

- November 1, 2023, or
- The date a party terminates the binding agreement.
- Monitoring information will be collected by the SRCD and shared with State Water Board as a field report in accordance with their reporting schedule or upon request
- SRCD is not authorized to and will not distribute data or other information regarding work done under this contract to any third party without previous written approval by the Landowner
- Landowner agrees that water saved under the LCS will not be transferred to parcels not included under the LCS, and Landowner will not knowingly or intentionally otherwise take actions outside of the LCS that diminish, in any material way, the overall thirty percent reduction established by the actions described in the LSC



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**Website: [www.siskivourcd.com](http://www.siskivourcd.com)**

**Signatures**

*Chris Vest*

\_\_\_\_\_  
SRCD Representative

*5/5/2023*

\_\_\_\_\_  
Date

*Ray Jann*

\_\_\_\_\_  
Landowner

*1 MAY 23*

\_\_\_\_\_  
Date



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**APPLICATION TO SISKIYOU RCD AS COORDINATING ENTITY for the SCOTT VALLEY  
 GROUNDWATER REDUCTION LOCAL COOPERATIVE SOLUTION**

The following request is being submitted pursuant to Section 875, subdivision (f)(D) of the Scott-Shasta Drought Emergency Regulation of the State Water Resources Control Board (SWB). The purpose of this Local Cooperative Solution (LCS) is to document the applicant's proposed reduction in use of overlying or adjudicated groundwater use by a certain amount over the entire irrigation season.

Applicant's Name: GREG & DONA FARNAM  
 Address: [REDACTED]  
 Phone: [REDACTED] E-mail: [REDACTED]  
 Owner of property (if different): \_\_\_\_\_  
 Leaseholder of property (if different): \_\_\_\_\_  
 Other Contact Info: WARREN FARNAM

Identify Specific Parcels served by overlying or adjudicated groundwater for irrigation, as identified in relevant curtailment order (SO# or SG#). Include irrigated acreage and number of wells.

Table 1 – Parcels, water rights, acreage, and wells to be included in this Agreement

Field Designation	Adjudicated right #	Overlying right?	SWB - SG # or SO# (optional)	# irrigated acres	# Wells (optional)
<u>SEE LCS</u>					

Total irrigated acres to be included in this agreement: \_\_\_\_\_

► Attach Map 1 of properties to be included in plan



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**Website: [www.siskiyourcd.com](http://www.siskiyourcd.com)**

I agree to pay the RCD for its time to help prepare my water reduction plan at the rate of \$75/hr. When your LCS plan is complete, a Binding Agreement will need to be signed with the RCD as your designated Coordinating Entity. The RCD will need to verify that the plan's actions are being met.

*[Handwritten Signature]*  
Applicant signature

1 MAY 23  
Date

*[Handwritten Signature]*  
Siskiyou RCD signature

5/5/2023  
Date



Groundwater Local Cooperative Solution  
Documents For 2022



Patterson Creek Ranch  
Greg and Dona Farnam

3/9/2022

California State Water Resources Control Board  
Attn: Adam Weinberg  
1001 I Street  
Sacramento, CA 95814

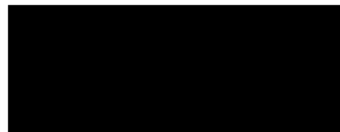
Re: Patterson Creek Ranch LCS Application

Mr. Weinberg,

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Reasonable assurance for compliance of the proposed 30% reduction can be demonstrated by verification of existing crop type in April and August of the 2022 irrigation season by the Coordinating Entity. Though not necessary for compliance determination of this plan, a water application and soil moisture monitoring program will be established for future water use efficiency determination. Through the use of soil moisture resistance blocks in each field and chronological record keeping, better irrigation decisions will yield greater water savings and profitability in the future. An example record keeping form is demonstrated in attachment 3.

The Coordinating Entity for the LCS agreement will be Siskiyou Resource Conservation District (SRCD). SRCD will inspect Patterson Creek Ranch in April and August of 2022. SRCD will add






PCR acreage to the list of other managed LCS plans to meet the 400 ac minimum. Unless a deviation from the approved LCS plan exists, no inspection report to the SWRCB will be made. Upon notice of an agreement violation, the Owners of Patterson Creek Ranch and the SWRCB will be notified within 5 business days. An end of season report for compliance to the LCS agreement will be performed by SRCD and submitted to the owners of Patterson Creek Ranch and the SWRCB via email [adam.weinberg@waterboards.ca.gov](mailto:adam.weinberg@waterboards.ca.gov) by 12/31/2022.

Further application details can be found in included attachments. If further information is required, please do not hesitate to contact jointly, by mail/email, Dona Farnam [REDACTED] and Warren Farnam [REDACTED]. For a successful 30% reduction plan, any alteration to the application must be informed and approved by both the Applicant and the Coordinating Entity.

Sincerely,

  
Greg Farnam  
Owner/Applicant- Patterson Creek Ranch

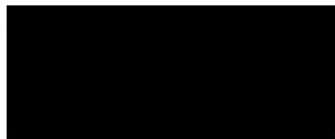
  
Dona Farnam  
Owner/Applicant- Patterson Creek Ranch

  
Warren Farnam  
FRS Owner/LCS Preparer

Enc:

- Attachment 1 – Map of Patterson Creek Ranch
- Attachment 2 – 30% Reduction Table
- Attachment 3 – Irrigation Monitoring Worksheet
- Attachment 4 – Additional Application Information
- Attachment 5 - Coordinating Entity Agreement

v1.4



# Patterson Creek Ranch

Greg and Dona Farnam

ATTACHMENT 1



Google Earth

1000 ft





Patterson Creek Ranch

2020 vs 2022 GW Reduction Plan

				2020							
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Reduction 2020 vs 2022

**Total AF estimated reduction by incorporating 2022 crop changes 31.9%**





## ATTACHMENT 4

### **ADDITIONAL APPLICATION INFORMATION – PATTERSON CREEK RANCH**

#### **IRRIGATION INFORMATION**

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- Fields co-located on the following APNs:
  - 023-030-420-000
  - 023-040-260-000
  - 023-051-370-000
  - 023-430-110-000
- Irrigation groundwater source located NE corner of F1, parcel: 023-030-420-000.
- Groundwater source is an overlying right.
- Groundwater source produces approximately 675 gpm.
- Irrigation season is typically April – October.
- No surface water irrigation will be used on any of the identified fields in this plan.
- Precipitation and ET is not included in crop irrigation calculations.
- Irrigation monitoring information can be submitted to SRCD upon request.

#### **INCORPERATED WATER CONSERVATION PRACTICES PAST 10 YEARS**

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- Fields F1 and F3 have switched to low pressure pivots vs wheel lines.
- Fields F2, F4, F5, and F6 wheel lines have been converted to self-adjusting low flow nozzles.
- Fields F1, F2, and F3 have incorporated moisture monitoring via installation of resistance blocks.
- GW turbine converted to variable frequency drive operation to support low pressure operation.
- Participated in UC Davis Extension water efficiency studies.

#### **GLOSSARY**

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Ac-acre

AF- acre feet

Alf-alfalfa

APN- assessor parcel number

GPM-gallons per minute

GW-groundwater

Orch-Orchard grass

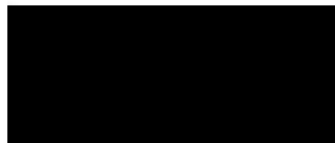




## REFERENCE INFORMATION

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- Intermountain Irrigated Pastures and Mountain Meadows  
<https://ucanr.edu/sites/Rangelands/files/281128.pdf>
- Intermountain Alfalfa Management  
<https://cesiskiyou.ucanr.edu/files/117595.pdf>
- UC Drought Management – Corn  
[https://ucmanagedrought.ucdavis.edu/Agriculture/Crop\\_Irrigation\\_Strategies/Corn/](https://ucmanagedrought.ucdavis.edu/Agriculture/Crop_Irrigation_Strategies/Corn/)
- Center Pivot Irrigation of Corn – University of Idaho Extension  
<https://www.extension.uidaho.edu/publishing/pdf/BUL/BUL0881.pdf>
- UC Davis Drought Management – Agriculture Irrigation Water Management  
<https://ucmanagedrought.ucdavis.edu/Agriculture/>
- Monitoring Soil for Maximum Profit Irrigation Management  
<https://alfalfa.ucdavis.edu/+symposium/proceedings/2002/02-073.pdf>
- Fulton, Allan, Khaled Bali, Zazk Mousli, and Lee Jackson. 2006. Small grains production manual, Part 5: Irrigation and water relations. UC Davis.
- Irrigation Management for Wheat  
<https://alfalfa.ucdavis.edu/+symposium/proceedings/2012/12-109.pdf>







## SISKIYOU RESOURCE CONSERVATION DISTRICT

P.O. Box 268, Etna, CA 96027

PHONE (530) 467-3975 FAX (530) 467-5617

Email: [sisqrcd@sisqtel.net](mailto:sisqrcd@sisqtel.net)

Website: [www.siskiyougcd.com](http://www.siskiyougcd.com)

### Binding Agreement

#### Contractor Contact Information:

<i>Business:</i>	Siskiyou RCD
<i>Contact Person:</i>	Chris Voigt
<i>Address:</i>	P.O. Box 268 / 450 Main St Etna, Ca 96027
<i>Phone:</i>	530.467.3975
<i>Email:</i>	chris@siskiyougcd.com

#### Landowner Contact Information:

<i>Business:</i>	Patterson Creek Ranch
<i>Contact Person:</i>	Greg or Dona Farnam
<i>Address:</i>	[REDACTED]
<i>Phone:</i>	[REDACTED]
<i>Email:</i>	[REDACTED]

### Background

Under the 2021 drought emergency regulation instated by the State Water Resources Control Board (SWRCB) that established drought emergency minimum flows in the Scott River, a Local Cooperative Solution (LCS) may be proposed by individuals or groups to submit by petition to the Deputy Director of the SWRCB as an alternative means of reducing water use to meet or preserve drought emergency minimum flows and provide fishery benefits, in lieu of curtailment. This binding agreement between the (Landowner) and Siskiyou Resource Conservation District (SRCD) will monitor the SRWCB approved LCS to achieve 1) a net reduction of water use of 30 percent throughout the irrigation season; and 2) a monthly reduction of at least 30 percent in the July through October 31 period, as compared to 2020.



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### Recitals

1. Section 875(f)(4)(D) of the drought emergency regulation provides a specific type of LCS that was determined to be sufficient for approval by the Deputy Director;
2. For overlying or adjudicated groundwater diversions for irrigated agriculture described in sections 875.5(f)(4)(D)(i)-(iii) [Scott River], the Deputy Director may approve a groundwater-basin-wide, groundwater sub-basin-wide, or any number of individual local cooperative solutions totaling at least 400 acres where:
  - i. The proposal is based on a binding agreement. "Such binding agreement may be made with a coordinating entity with the expertise and ability to evaluate and require performance of the agreement, for example with the California Department of Fish and Wildlife (CDFW), the National Marine Fisheries Service, the Scott Valley and Shasta Valley Watermaster District, a non-profit organization with expertise and experience in water-saving transactions or similarly qualified entity."
  - ii. For the Scott River: "The proposal provides at least: 1) a net reduction in water use of 30 percent throughout the irrigation season (April 1-October 31), as compared to the prior irrigation season; and 2) a monthly reduction of at least 30% in the July 1 through October 31 period, as compared to the prior year or 2020. Such reduction may be demonstrated by evidence that provides a reasonable assurance that the change in farming practice or other action results in at least the relevant proportionate reduction. Such evidence may include but is not limited to: pumping reports; actions that will be taken to reduce water use; estimation of water saved from conservation measures or changes in irrigation or planting decisions; and electric bills."

**Proposed Local Cooperative Solution:** *(Specific action plan to be completed by landowner, see attached LCS application form)*



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### **Binding Agreement Terms**

The Landowner is required to adhere to the LCS, as approved by SWRCB. The Landowner has requested that SRCD serve as the coordinating entity. As such, both parties agree to the following:

- For the duration of this binding agreement where SRCD is the coordinating entity, the Landowner shall give SRCD the right to reasonably access the included parcels for the limited purpose of verifying execution of the LCS. Any individual not directly employed or contracted by SRCD shall provide pre-notification to, and shall obtain approval by the Landowner before accessing the property,
- SRCD will strive to notify the Landowner a day in advance of visiting the parcels and shall provide the Landowner or designee the ability to participate in monitoring activities,
- It is anticipated that SRCD representatives will visit the property approximately twice per month to monitor the approved LCS, unless inadequacies are discovered, in which case additional field visits will occur until inadequacies are rectified. A monitoring inspection may include verification of any or all of the actions described in the conservation plan and may include inspection checklist/notes/reports and photo verification,
- SRCD will submit the information regarding the verification materials and actions described in this agreement, and conservation plan incorporated by reference, to the State Water Board upon request, for the purposes of verifying compliance with the LCS,
- This binding agreement is not intended to preclude, harm, or otherwise interfere with the landowner's ability to secure any funding to mitigate the financial impacts imposed by the emergency regulation or proposed conservation practices. SRCD supports the use of funding programs to ameliorate the costs of implementing the conservation practices described in the proposed conservation plan: planning and cooperation under a voluntary LCS should not undermine the ability to receive such funding,
- This binding agreement may be terminated by either party at any time. Both parties agree to take reasonable measures to resolve any concerns related to the performance of the LCS, negative interpersonal interaction, or any unforeseen circumstance prior to invoking termination,
- As the irrigation season unfolds, there may be reason to change the terms of the LCS or this binding agreement with respect to its implementation and verification. Any such changes to the LCS or service agreement will need to be agreed upon by the Landowner



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and SRWCB. If a Landowner requests SRCD assistance with an updated LCS, the SRCD and Landowner will enter into a new Binding Agreement and,

### **Payment**

In consideration for the services to be performed by SRCD, the Landowner agrees to pay SRCD at the rate of \$75.00 per hour for initial consultation and \$75.00 per hour for all services rendered after signing of the binding agreement.

### **Expenses**

The Landowner will reimburse SRCD for expenses that are attributable directly to work performed under this Agreement. Any expenses incurred will be approved by the Landowner beforehand. SRCD will submit an itemized statement of Contractor's expenses attached with invoicing.

### **Terms of Payment**

Upon completion of SRCD services under this binding agreement, the SRCD will submit an invoice. The Landowner will pay SRCD the compensation described within 30 days of receiving SRCD's invoice.

### **Term of Agreement**

This agreement will become effective when signed by both parties and will terminate on:

- November 1, 2022, or
- The date a party terminates the binding agreement.
- Monitoring information will be collected by the SRCD and shared with State Water Board as a field report in accordance with their reporting schedule or upon request
- SRCD is not authorized to and will not distribute data or other information regarding work done under this contract to any third party without previous written approval by the Landowner
- Landowner agrees that water saved under the LCS will not be transferred to parcels not included under the LCS, and Landowner will not knowingly or intentionally otherwise take actions outside of the LCS that diminish, in any material way, the overall thirty percent reduction established by the actions described in the LSC



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**Signatures**

Chris Vandy  
SRCD Representative  
5/6/2022  
Date

Mary Jones  
Landowner  
5/6/2022  
Date



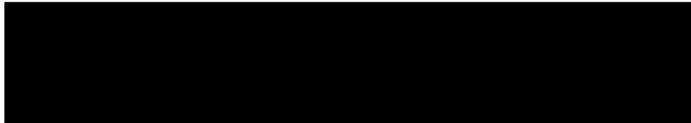
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**APPLICATION TO SISKIYOU RCD AS COORDINATING ENTITY for the SCOTT VALLEY  
 GROUNDWATER REDUCTION LOCAL COOPERATIVE SOLUTION**

The following request is being submitted pursuant to Section 875, subdivision (f)(D) of the Scott-Shasta Drought Emergency Regulation of the State Water Resources Control Board (SWB). The purpose of this Local Cooperative Solution (LCS) is to document the applicant’s proposed reduction in use of overlying or adjudicated groundwater use by a certain amount over the entire irrigation season.

Applicant’s Name: Patterson Creek Ranch



Owner of property (if different): Greg and Dona Farnam

Leaseholder of property (if different): [Click or tap here to enter text.](#)

Other Contact Info: Warren Farnam 

Identify Specific Parcels served by overlying or adjudicated groundwater for irrigation, as identified in relevant curtailment order (SO# or SG#). Include irrigated acreage and number of wells.

Table 1 – Parcels, water rights, acreage, and wells to be included in this Agreement

Field Designation	Adjudicated right #	Overlying right?	SWB - SG # or SO# (optional)	# irrigated acres	# Wells (optional)
1		Y		42	
2		Y		9.5	
3		Y		19	
4		Y		3.9	
5		Y		8	
6		Y		11.3	

Total irrigated acres to be included in this agreement: 93.7

► Attach Map of properties to be included in plan



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I agree to pay the RCD for its time to help prepare my water reduction plan at the rate of \$75/hr. When your LCS plan is complete, a Binding Agreement will need to be signed with the RCD as your designated Coordinating Entity. The RCD will need to verify that the plan's actions are being met.

*[Handwritten Signature]*  
Applicant signature

5/6/2022  
Date

*[Handwritten Signature]*  
Siskiyou RCD signature

Click or tap here to enter text.  
Date 5/6/2022