



# Application Form for 2024 Local Cooperative Solution for Overlying or Adjudicated Groundwater Rights in Scott River and Shasta River Watersheds

Please complete this form if you plan to implement a groundwater local cooperative solution (LCS) for the 2024 irrigation season under the Scott River and Shasta River watersheds [emergency regulation](#). A separate application should be submitted for each type of groundwater LCS proposal. **The form and attachments are due by April 15, 2024.**

**How to Submit:** To submit your application and associated required materials (see Section 2) you can:

- Use the online form
- Email: [DWR-ScottShastaDrought@waterboards.ca.gov](mailto:DWR-ScottShastaDrought@waterboards.ca.gov)
- Mail:
  - State Water Resources Control Board
  - Division of Water Rights - Instream Flows Unit 1
  - 1001 I Street - 14th Floor
  - Sacramento, CA 95814

## Section 1: Applicant Information

Name	Judd Hanna
Name of Farm, Ranch, or Business	Hanna Bros. Ranch

**By typing or signing your name below and submitting this form to the State Water Resources Control Board (State Water Board) you hereby certify that the submitted information is true and correct to the best of your knowledge.**

Name: *J. Judd Hanna*

Date: 29 March 2024

## Section 2: Application Checklist

Below is a list of items to include with your application form:

- Application Form (paper or email submittal accepted).
- If working with a Coordinating Entity (Section 4 of application), submit a signed Binding Agreement (paper or email submittal accepted).
- Supporting Information (electronic submittal only). Submit the applicable information based on selected groundwater LCS.
  - Best Management Practices Groundwater LCS (see Section 7 of application)
    - Description of how you will implement of all required components.
    - Map(s) with each well and field labeled.
  - Graduated Groundwater Cessation Schedule LCS (see Section 8 of application)
    - Description of how you will reduce irrigation compared to standard practices on the property (e.g., practice in a similar unregulated year).
    - Map(s) designating the area where diversions will cease by the required dates and well location(s).
  - Percent Reduction Groundwater LCS (see Section 9 of application)
    - Description of verifiable water reduction actions that will be implemented.
    - Spreadsheet with monthly pumping volumes for baseline year and current year. Use one row per irrigation method per field.
    - Map(s) with each well and field labeled.
- A description of metering (Section 6 of application) in place for groundwater well extractions and an agreement to record such extractions daily and report monthly to your Coordinating Entity and/or State Water Board.
- Groundwater Well Information (see Section 5 of application) (paper or email submittal accepted).
- List of Fields, Assessor's Parcel Numbers (APNs), and Water Rights (see Section 10 of application) (paper or email submittal).

### Section 3: Requirements for All Groundwater LCS Proposals

- **Deadline:** Proposals must be submitted to the State Water Board by April 15, 2024.
- **Implementation:** Proposals must be implemented during the entirety of the irrigation season (including prior to approval), unless the applicant withdraws the application.
- **Metering:** Proposals must include a description of metering that will be used to measure groundwater well extractions and information on how extractions will be recorded daily and reported monthly to the Deputy Director or Coordinating Entity, as applicable. Please note the Coordinating Entity is required to provide this data to the State Water Board.
  - Funding for Meters: The State Water Board has funding and technical support available for some amount of metering and those interested in such assistance should promptly contact State Water Board staff using the "Contact Information" at the end of this application.
  - Time Schedule for Metering: If a meter is not currently installed and may not be installed prior to the start of the irrigation season, the applicant must provide information that substantiates the applicant's efforts and actions taken to get a meter installed, and a timeline for meter installation.
  - Waivers: Proposals may include information requesting waiver of the metering provisions in the following instances:
    - Groundwater wells that irrigate less than 30 acres. Information supporting the request to waive metering provisions must be provided, including distance of the groundwater well to surface water. The State Water Board may require other information in lieu of monitoring.
    - Metering is not feasible. Substantiation for the infeasibility of installing a meter must be provided.

## Section 4: Coordinating Entity

Select only one (1) box below. Please note that a Coordinating Entity is not required. If a Coordinating Entity is not selected, parties will work directly with the State Water Board to provide metering data and ensure performance of the groundwater local cooperative solution. For more information on Coordinating Entity provisions, refer to Section 875(f)(1)(G) in the [emergency regulation](#).

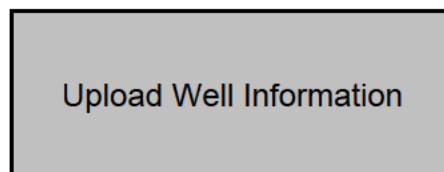
- |  |  |
|--|--|
| <input type="checkbox"/> California Department of Fish & Wildlife<br>Contact: Crystal Robinson<br>(530) 340-0767<br>crystal.robinson@wildlife.ca.gov | <input type="checkbox"/> Shasta Valley Resource Conservation District<br>Contact: Rod Dowse<br>(530) 598-1253<br>rdowse@svrccd.org |
| <input type="checkbox"/> Siskiyou Resource Conservation District<br>Contact: Evan Senf<br>(530) 643-1585<br>evan@siskiyourcd.com                     | <input checked="" type="checkbox"/> Scott River Water Trust<br>Contact: Chris Voigt<br>(916) 396-0131<br>chrisb.voigt@gmail.com    |
|  | <input type="checkbox"/> I select not to work with a coordinating entity.  |

## Section 5: Groundwater Well Information

Complete the table below or upload an attachment for groundwater wells that are part of the proposed groundwater LCS.

Well Name	Well Coordinates <sup>1</sup>
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

For assistance in finding well coordinates, you can use Google Maps ([www.google.com/maps](http://www.google.com/maps)).



## Section 6: Metering Information

Please describe the metering for all groundwater wells covered by this groundwater LCS. Fill in the box below, upload an attachment, or email a document or spreadsheet with this information.

- a. Describe how you will record daily extractions and report monthly pumping volumes. Include a description of all water uses associated with each groundwater well that is part of this groundwater LCS. For example, "the ranch manager will log meter readings at Well 1 and Well 2 and take a picture of the meters each week. They will note what the water is being used for - Well 1 will irrigate 50 acres of grain on fields A and B, 100 acres of pasture on fields E, G, and Z, and Well 2 will irrigate 75 acres of alfalfa on field Y. The manager will send the logs and photos to the Water Board around the first of each month."

The ranch manager or employee will photograph meter readings from the 2 pivots above the road at Hartstrand, which will be irrigating 100 acres of alfalfa. Also, the same person or people will photograph meter readings from the 4 pivots below the road at Hartstrand which are irrigating 105 acres of alfalfa and 35 acres of grain. This will be done once a week, and the Coordinating Entity (preferably Chris Voigt) will submit the logs around the first of each month. Meter reading will be taken from the Tobias pivot (76 acres of

- b. For groundwater wells that are NOT currently metered, please describe the time schedule and plan to install meters and efforts to obtain a meter before the initiation of groundwater diversions covered by this groundwater LCS. If you want to file for a waiver to the metering requirement please use the box below and include information on why metering of your well(s) should be waived. Be sure to include total irrigated acres, distance of the well(s) from surface water, description of why metering is infeasible, if applicable, and any additional information that supports your waiver request.

We have an application/request for meters in with our local NRCS. Funding is expected this fall, hopefully, and upon approval and purchase, we will install 5 meters as soon as possible. Also, we have requested funding for a flow meter for the Mac pivot, as it is the only pivot on the ranch that does not have one. Also, we've requested funding for a LEPA irrigation system for the pivot at Tonys.

The Moffett well should not be metered as it irrigates less than 20 acres. It is a small parcel owned separately by Judd and Regina Hanna and is infeasible to install at this time. The well is near Moffett creek which is seasonal

**Upload Attachment**

**Select the type of groundwater LCS you are applying for and complete the corresponding sections of the application.**

- Best Management Practices Groundwater LCS - Complete sections 7 and 10
- Graduated Groundwater Cessation Schedule LCS - Complete sections 8 and 10
- Percent Reduction Groundwater LCS - Complete sections 9 and 10

## Section 7: Best Management Practices Groundwater LCS

1. Provide the total amount of all irrigated acreage (with units) covered under your proposal for a Best Management Practices Groundwater LCS:
2. Upload an attachment, write in the box, and/or email a description of the irrigation system that will be used under this proposal, specifying details of your low-energy precision application system, soil moisture sensors, and any corners that will be irrigated. (Refer to Section 875(f)(4)(D)(vii) of the [emergency regulation](#).)

3. Provide a map(s) of each field with labels for well(s), type of best management practice, and field crop type. Upload as an attachment or email.

**Upload Map(s)**

4. Certify the following by initialing or checking each box:

- a. I certify the use of a low-energy precision application (LEPA) system on all irrigated acreage covered under this groundwater LCS.
- b. I certify to not use end guns for irrigation for the duration of the season.
- c. I certify to cease irrigation of corners after June 15, 2024.
- d. I certify to use soil moisture sensors to inform irrigation timing, and maintenance of such records, which I will make available for inspection by the Coordinating Entity, if applicable, and/or the State Water Board.
- e. I certify that I will further limit irrigation based on water year, in the event of the hydrologic condition noted in i or ii below. If this requirement is triggered, the State Water Board will inform all Best Management Practices Groundwater LCS applicants for the applicable watershed(s). Please note, a yes certification is required for a Groundwater Best Management Practices LCS to be accepted.
  - i. Scott River Watershed: Snow pack of 80% or less of the Department of Water Resources California Data Exchange Center's first May snow water equivalent station average (or the average of the first April measurement if May snow pack measurements are not gathered) in Scott River watershed.
  - ii. Shasta River watershed: A water year determination of dry or very dry in the Shasta River watershed, as determined under Table 2 of the March 2021 Montague Water Conservation District water operation plan.

## Section 8: Graduated Groundwater Cessation Schedule LCS

A Graduated Groundwater Cessation Schedule LCS may be approved if the applicant provides evidence that irrigated acreage is reduced compared to standard practice on the property (e.g., practice in a similar unregulated year). If applicable, please take crop rotation and number of alfalfa cuttings into account. Under this groundwater LCS type, the applicant must select one of two potential irrigation schedules, listed below. See section 875(f)(4)(D)(vi) of the [emergency regulation](#).

1. Provide the total amount of irrigated acreage (with units) under your proposal for a Graduated Groundwater Cessation Schedule LCS:
2. Select the irrigation schedule you certify to implement.

**Option 1:** By the dates below, pumping to irrigate the following percentages of irrigated acres shall cease:

- 15% by July 15,
- 50% by August 15, and
- 90% by August 31, with a maximum of 8 inches of water to be applied to the remaining 10% of irrigated acres during the remainder of the irrigation season. This 10% can be on land previously fallowed.

**Option 2:** By the dates below, pumping to irrigate the following percentages of irrigated acres shall cease:

- 20% by July 20,
- 50% by August 20, and
- 95% by September 5, with a maximum of 6 inches of water to be applied to the remaining 5% of irrigated acres during the remainder of the irrigation season. This 5% can be on land previously fallowed.

4. Please upload an attachment, write in the box, or email a description that demonstrates that the proposal reduces irrigation as compared to standard practices on the property (e.g., practice in a similar unregulated year). If applicable, please take crop rotation and number of alfalfa cuttings into account.

5. Please upload or email a map(s) that identifies which well(s) and field(s) are associated with each cessation date covered by this groundwater LCS.



## Section 9: Percent Reduction Groundwater LCS

The applicable percent reduction in groundwater pumping noted below must be demonstrated for the Percent Reduction Groundwater LCS consistent with section 875(f)(4)(D)(v) of the [emergency regulation](#), and summarized below.

- **Scott River Watershed:** A net groundwater pumping reduction of 30% throughout the irrigation season (April 1 – October 31) and a monthly reduction of 30% between July 1 through October 31.
- **Shasta River Watershed:** A net groundwater pumping reduction of 15% throughout the irrigation season (March 1 – November 1) and a monthly reduction of 15% between June 1 through September 30.
- The relevant water use reduction shall be based on a comparison to a baseline irrigation season (i.e., 2020, 2021, 2022, or 2023).
  - BUT, if the previous year baseline is higher than the following applied water rates:
    - 33 inches per year for alfalfa,
    - 14 inches per year for grain, or
    - 30 inches per year for pasture
  - ❖ Then the above values shall be used as the baseline UNLESS the applicant provides sufficient additional information supporting an alternative baseline.
- Please provide the total amount of irrigated acreage (with units) under your proposal for a Percent Reduction Groundwater LCS.
- If you are proposing a Percent Reduction Groundwater LCS, attach or email the following files to the State Water Board and your Coordinating Entity.
  - a. A description of practices that reduces groundwater pumping and how the State Water Board (or Coordinating Entity, if applicable) can verify those actions.

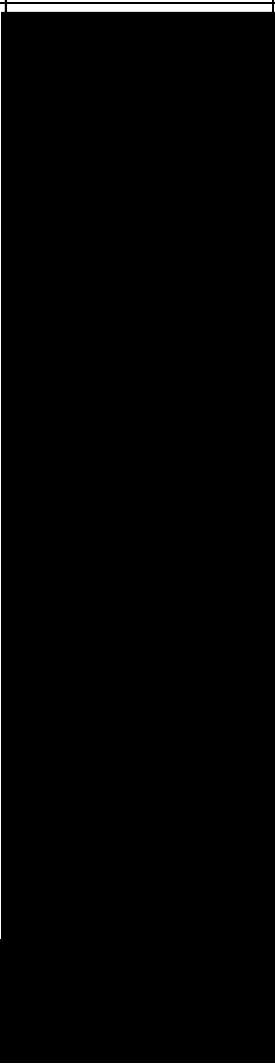
As our spreadsheet shows, we are reducing the hours per set for wheel lines by installing or improving timers on the pumps and are reducing the amount of water applied from pivots. Also, all our new pivots (6 in total) have LEPA irrigation systems that conserve water.

- b. A spreadsheet with monthly pumping volumes for the selected baseline year and current year. Use one row per irrigation method per field.

- c. Map(s) with each field labelled.

## Section 10: List of Fields, APNs, and Water Rights

List the fields associated with this groundwater LCS application, if each property is owned or leased, and the assessor's parcel number (APN) that contains each field. If a field is on multiple parcels, provide the APN that contains the majority of the field. Alternatively, you may also electronically submit a document or spreadsheet with this information. Each field can only have **one (1)** type of groundwater LCS associated with it.

Irrigated Field Name(s) or Number(s)	Is the parcel owned or leased?	Assessor Parcel Number(s)	Water Right(s)	Groundwater LCS Type
40				Percent Reduction
Tobias - above rd.				Percent Reduction
Tobias - below rd.				Percent Reduction
Stepfield, Patton Ln, Midget				Percent Reduction
Macs				Percent Reduction
Tonys				Percent Reduction
Reynolds				Percent Reduction
Hartstrand- above				Percent Reduction
Hartstrand - below				
Moffett				Percent Reduction

**Upload Attachment**

## Submission of Groundwater LCS Proposal to State Water Board

A groundwater LCS may require the applicant to attach or email additional information, such as descriptions, spreadsheets, maps, or other relevant information. State Water Board staff request descriptions be submitted as Microsoft Word (.docx, .doc) or Adobe PDF (.pdf) files as these file formats are easiest for staff to work with applicants to review and revise, if needed. For the same reasons, staff request that applicants submit spreadsheets as Microsoft Excel files (.xlsx, .xls).

Submitting documents in other formats, such as photographs of narratives or narratives via traditional mail may lengthen the review process. If you need assistance, please contact your Coordinating Entity (see Section 4) or State Water Board staff identified in the Contact Information section below.

To submit your application with all required materials (see Section 2), you can:

- Use the online form 
- Email DWR- ScottShastaDrought@Waterboards.ca.gov
- Mail:  
State Water Resources Control Board  
Division of Water Rights - Instream Flows Unit  
1001 I Street - 14<sup>th</sup> Floor  
Sacramento, CA 95814

### Contact Information for State Water Board Staff

- Kevin DeLano  
Phone: (916) 319-0631  
Email: Kevin.DeLano@waterboards.ca.gov
- Shahab Araghinejad  
Phone: (916) 319-0975  
Email: shahab.araghinejad@waterboards.ca.gov
- Division of Water Rights – Scott-Shasta Phone Line and Email  
Phone: (916) 327-3113  
Email: ScottShastaDrought@waterboards.ca.gov

### What's Next?

State Water Board staff will review each groundwater LCS application. If staff identify errors, a need for additional information, or changes that need to be made, they will contact the applicant. Once staff determine the application is substantially complete, it will be posted as pending on the State Water Board's [Local Cooperative website](#) for the Scott River and Shasta River watersheds emergency regulation.

**From:** [Judd Hanna](#)  
**To:** [DeLano, Kevin@Waterboards](mailto:DeLano, Kevin@Waterboards)  
**Subject:** Hanna Bros 2024 LCS  
**Date:** Friday, April 5, 2024 4:54:05 PM  
**Attachments:** [2024-lcs-application.pdf](#)  
[2024 Waterboard LCS - Hanna Bros..numbers](#)

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EXTERNAL:



6a (continued):

The ranch manager or employee will photograph meter readings from the 2 pivots above the road at Hartstrand, which will be irrigating 100 acres of alfalfa. Also, the same person or people will photograph meter readings from the 4 pivots below the road at Hartstrand which are irrigating 105 acres of alfalfa and 35 acres of grain. This will be done once a week, and the Coordinating Entity (preferably Chris Voigt) will submit the logs around the first of each month. Meter reading will be taken from the Tobias pivot (76 acres of grass/63 of alfalfa) as well at the pivot at Tony's (129 acres of alfalfa).

The coordinating entity will verify irrigation records for all wheel lines (dates started, hours per set, end dates) which will be kept at every pump.

And, as I mention below, we are "in line" for well meters, and one flow meter on a pivot, for 5 wells.

Field ID	2020 Irrigated Acres	2020 Irrigation Method	2020 Crop Type	Cultivation Factors	April 2020	May 2020	June 2020	July 2020	August	September	October	2020 Total	2024 Irrigated Acres	2024 Irrigation Method	2024 Crop Type	Cultivation Factors	April 2022	May 2022	June 2022	July 2022	August	September	October	2022 Total	2022 Acres	Soil Moisture Sensor Installed	
					Acres Feet Applied	Acres Feet Applied	Acres Feet Applied	Acres Feet Applied	Acres Feet Applied	Acres Feet Applied	Acres Feet Applied						Acres Feet Applied	Acres Feet Applied	Acres Feet Applied	Acres Feet Applied	Acres Feet Applied	Acres Feet Applied	Acres Feet Applied				Acres Feet Applied
T81	61.1	Wheat Line	Alfalfa	100 sprinklers, 13/64", 60 psi, 7 days per pass (average), 11 hour sets	24.1	73.3	73.3	48.0	24.5	0	0	244.9	61.1	Wheat Line	Alfalfa	100 sprinklers, 13/64", 60 psi, 7 days per pass, 10 hour sets	20.5	49	49	49	49	24.5	0	248			
T82	40	Wheat Line	Alfalfa	158 sprinklers, 13/64", plus one gun with a 4" nozzle, 60 psi, 4 days per pass, 11 hour sets	37.7	56.55	56.55	37.7	18.0	0	0	207.4	40	Wheat Line	Grain/Alfalfa	158 sprinklers, 13/64", 60 psi, 1 gun with 4" nozzle, 5 days per pass, 10 hour sets	33.0	37.7	37.7	6.2	3.1	0	0	109.6			
T28A	140	Past with rotators	Alfalfa and Grass	Usually 1.5" application passes were performed	20.4	61.25	61.25	61.25	40.8	20.4	0	265.35	140	Past with rotators	Alfalfa	1.5" application	15.2	45.5	45.5	45.5	45.5	30.4	0	227.6	Yes		
Maes	154.1	Past with rotators	Orchard Grass	Usually 1.5" application passes were performed	77.3	77.3	77.3	116	77.3	38.3	0	463.9	154.1	Past with rotators	Grass	1" application	52.8	38.4	53.2	53.2	53.2	53.2	0	316	Yes		
T1	56	Wheat Line	Alfalfa	80 sprinklers, 13/64", 60 psi, 8 days per pass, 11 hour sets	35.8	35.8	35.8	35.8	35.8	17.9	0	126.0	56	Wheat Line with new smaller nozzles	Alfalfa	80 sprinklers, 13/64", 60 psi, 8 days per pass, 10 hour sets (includes sets as alfalfa permission)	9.2	48.8	32.2	32.2	16.2	0	0	139.8			
AMT	71	Wheat Line	Alfalfa	90 sprinklers, 13/64", 60 psi, 1 gun with .88" nozzle, 8 days per pass, 11 hour sets	49.8	49.8	49.8	49.8	49.8	24.9	0	272.0	71	Wheat Line	Grain	90 sprinklers, 13/64", 60 psi, 8 days per pass, gun with .77" nozzle, 10 hour sets	21.1	46.4	46.4	0	0	0	0	113.5			
40	38.1	Wheat Line	Alfalfa	42 sprinklers, 13/64", 60 psi, 9 days per pass, 11 hour sets	27.3	41.1	41.1	27.3	27.3	13.7	0	164.0	37.1	Wheat Line	Alfalfa	42 sprinklers, 13/64", 60 psi, 9 days per pass, 10 hour sets	13.7	27.3	27.3	27.3	27.3	13.7	0	136.6			
T11	14	Wheat Line	Grain	35 sprinklers, 13/64", 60 psi, 4 days per pass, 11 hour sets	5.2	10.4	10.4	5.2	0	0	0	36.4	14	Wheat Line	Alfalfa	35 sprinklers, 13/64", 60 psi, 4 days per pass, 10 hour sets	4.7	9.5	9.5	14.1	9.5	0	0	47.3			
T14	65.1	Past with rotators	Grain	Usually 1.5" application passes were performed	8.2	24.6	16.4	0	0	0	0	49.2	65.1	Past with rotators	Alfalfa	1.5" application	7.1	21.3	21.3	21.3	14.2	7.1	0	62.3	Yes		
T12	30	Wheat Line	Grass	51 sprinklers, 13/64", 60 psi, 4 days per pass, 11 hour sets	15.2	22.8	15.2	15.2	15.2	7.6	0	91.2	30	Wheat Line	Alfalfa	51 sprinklers, 13/64", 60 psi, 4 days per pass, 10 hour sets	6.9	13.8	13.8	20.7	13.8	6.9	0	75.2			
T12A	61.1	Past with rotators	Grain	Usually 1.5" application passes were performed	15.8	23.2	23.2	23.2	15.8	15.8	0	118.8	61.1	Past with rotators	Alfalfa - new	1.5" application	6.8	20.6	20.6	20.6	20.6	6.8	0	96			
45	21.1	Wheat Line	Grain	48 sprinklers, 13/64", 60 psi, 4 days per pass, 11 hour sets	14.4	14.4	7.2	0	0	0	0	36	21.1	Wheat Line	Grain	48 sprinklers, 13/64", 60 psi, 4 days per pass, 10 hour sets	7.2	14.4	14.4	0	0	0	0	36			
48	37.7	Wheat Line	Alfalfa	35 sprinklers, 13/64", 60 psi, 9 days per pass, 11 hour sets	23.4	33.8	23.4	23.4	23.4	11.7	0	128.7	37.7	Wheat Line	Grain	35 sprinklers, 13/64", 60 psi, 9 days per pass, 10 hour sets	10.7	21.3	21.3	0	0	0	0	51.3			
41	37.7	Wheat Line	Alfalfa and Grass	35 sprinklers, 13/64", 60 psi, 9 days per pass, 11 hour sets	23.4	23.4	23.4	23.4	23.4	11.7	0	128.7	37.7	Wheat Line	Alfalfa	35 sprinklers, 13/64", 60 psi, 9 days per pass, 10 hour sets	10.7	21.3	21.3	21.3	21.3	10.7	0	108.6			
42	37.7	Wheat Line	Alfalfa	35 sprinklers, 13/64", 60 psi, 9 days per pass, 11 hour sets	23.4	23.4	23.4	23.4	23.4	11.7	0	128.7	37.7	Wheat Line	New seeding alfalfa	35 sprinklers, 13/64", 60 psi, 9 days per pass, 10 hour sets	10.7	21.3	21.3	21.3	21.3	10.7	0	108.6			
41	37.7	Wheat Line	Alfalfa	35 sprinklers, 13/64", 60 psi, 9 days per pass, 11 hour sets	23.4	23.4	23.4	23.4	23.4	11.7	0	128.7	37.7	Wheat Line	Alfalfa	35 sprinklers, 13/64", 60 psi, 9 days per pass, 10 hour sets	10.7	21.3	21.3	21.3	21.3	10.7	0	108.6			
AM1	61.8	Wheat Line	Alfalfa	66 sprinklers, 3/16", 60 psi, 10 days per pass, 11 hour sets	40.1	40.1	40.1	40.1	40.1	0	0	200.4	61.8	Past with LEPA	Alfalfa	1.5" application	6.9	20.2	20.2	20.2	13.8	6.9	0	80	Yes		
AM2	43.7	Wheat Line	Alfalfa and Grass	34 sprinklers, 13/64", 60 psi, 14 days per pass, 11 hour sets	35.1	17.7	15.5	17.7	35.5	0	0	141.4	37	Past with LEPA	Alfalfa	1.5" application	4	12	12	8	12	4	0	48	Yes		
AM3	8.6	Wheat Line	Alfalfa and Grass	18 sprinklers, 3/16", 60 psi, 5 days per pass, 11 hour sets	5.8	2.9	5.8	5.8	2.9	0	0	23.2	8.6	Wheat Line	Alfalfa	18 sprinklers, 3/16", 60 psi, 3 days per pass, 10 hour sets (includes 10 acres, 2 middle wheel lines)	7.2	14.5	14.5	14.5	7.2	0	0	57.9			
Bm1	52.1	Wheat Line	Alfalfa	85 sprinklers, 3/16", 60 psi, 9 days per pass, 11 hour sets	37.8	37.8	37.8	37.8	37.8	0	0	189	45	Past with LEPA	Alfalfa	1.5" application	4.6	13.0	13.0	13.0	13.0	4.6	0	64.8	Yes		
Bm2	45.1	Wheat Line	Grain	65 sprinklers, 3/16", 60 psi, 6 days per pass, 11 hour sets	26.2	25.1	25.1	25.1	25.1	0	0	126.0	45	Past with LEPA	Grain	1.5" application	7.1	11.4	11.4	7.5	0	0	0	37.8	Yes		
Bm3	46	Wheat Line	Alfalfa	66 sprinklers, 13/64", 60 psi, 7 days per pass, 11 hour sets	31	31	31	31	31	0	0	160	46	Past with LEPA	Alfalfa	1.5" application	3.3	12	11	11	11	3.3	0	51.6	Yes		
Bm4	0				0	0	0	0	0	0	0	0	0	Past with LEPA	Alfalfa - new	1.5" application	7.6	11.4	11.4	7.6	11.4	7.6	0	57	Yes		
Moffett	20	Wheat Line	Alfalfa and Grass	43 sprinklers, 13/64", 60 psi, 4 days per pass, 11 hour sets	6.4	12.8	12.8	12.8	12.8	0	0	57.6	20	Wheat Line with new smaller nozzles	Alfalfa - new	43 sprinklers, 13/64", 60 psi, 4 days per pass, 10 hour sets	4.2	12.6	8.4	8.4	8.4	0	0	42			
March	60	Wheat Line and Grass	Grain	99 sprinklers, 13/64", 60 psi, 6 days per pass, 11 hour sets. Plus 2 guns with .88" nozzle, 5 days per coverage	29	58	58	58	58	58	0	310	60	Wheat Line with new smaller nozzles (to longer lease this pasture)	Grain	99 sprinklers, 3/16", 60 psi, 4 days per pass, 10 hour sets, plus 1 gun, .88" nozzle	0	0	0	0	0	0	0	0	0		
	1247.1		TOTALS									3879.95	1383.1											2389.35			
																										30% water reduction met	
																										Total, minus the March Field, is 2020 is	
																										950	



# Scott River Water Trust

P.O. Box 591 - Etna, CA 96027  
530-643-2395 [scottwatertrust@gmail.com](mailto:scottwatertrust@gmail.com)

Month, Day, Year  
March 29, 2024

## APPLICATION TO SCOTT RIVER WATER TRUST AS COORDINATING ENTITY for the SCOTT VALLEY GROUNDWATER REDUCTION LOCAL COOPERATIVE SOLUTION

The following request is being submitted pursuant to Section 875.5, subdivision (a)(1)(A)(ix) [Scott River] 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: Judd Hanna



Owner of property (if different): Hanna Bros. Ranch

Leaseholder of property (if different):

Other Contact Info:

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.

Total irrigated acres to be included in this agreement:

▶ Attach curtailment plan and map of properties to be included in plan

I agree to pay SRWT 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 SRWT as your designated Coordinating Entity. SRWT will need to verify that the plan's actions are being met.

▶

  
\_\_\_\_\_  
Judd Hanna (Mar 29, 2024 16:41 PDT)

March 29, 2024

▶ Applicant signature

Date:

  
\_\_\_\_\_  
Judd Hanna (Mar 29, 2024 16:41 PDT)

Date: March 29, 2024

Scott River Water Trust signature