



Application Form for 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 upcoming irrigation season under the Scott River and Shasta River watersheds [emergency regulation](#). Submitting the information in this form will reduce the time required to review an LCS request. Applications must be submitted for at least a full irrigation season. A separate application should be submitted for each type of groundwater LCS proposal. **The form and attachments are due by April 15th for the year in which you plan to implement a groundwater LCS.**

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

- Use the online form
- Email: DWR-ScottShastaFlows@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	Dan & Lynn Hayden
Name of Farm, Ranch, or Business	Rocking M / Dangel & Mulla Ranch
Phone Number	
Email Address	

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:

Lynn Hayden

Date:

4-1-26

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](#).

☐ California Department of Fish & Wildlife
Contact: Crystal Robinson
(530) 340-0767
crystal.robinson@wildlife.ca.gov

☐ Shasta Valley Resource Conservation District
Contact: Rod Dowse
(530) 598-1253
rdowse@svrccd.org

☒ Scott River Water Trust
Contact: Chris Voigt
(916) 396-0131
chrisb.voigt@gmail.com

☐ I select not to work with a coordinating entity.

☐ Other, I am proposing an Entity not in the provided options. Please provide the name of the Entity, contact information, and description of qualifications in the box below.



Scott River Water Trust

P.O. Box 591 ~ Etna, CA 96027
530-643-2395 scottwatertrust@gmail.com

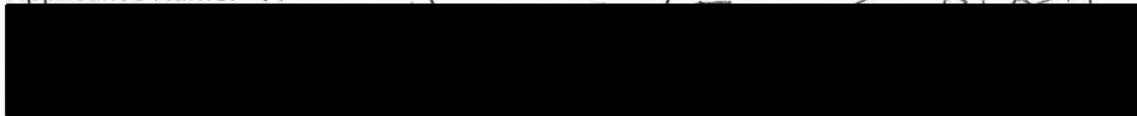
Month, Day, Year

3/16/2026

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, , subdivision (f)(4)(C)[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: *Rocking M Ranch / Dan & Lyn Hayden*



Leaseholder of property (if different):

Other Contact Info:

Total irrigated acres to be included in this agreement: *515 ac*

► 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.

► Applicant signature

Date: *4-6-26*

Lyn Hayden

Christopher Voigt

Scott River Water Trust signature

Date: 3/16/2026

Select the type of groundwater LCS you are applying for and complete the corresponding sections of the application. A separate application should be submitted for each type of groundwater LCS request.

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

Please indicate the proposed time period for the LCS you are applying for (e.g., one irrigation season or multiple seasons). If you apply for multiple irrigation seasons, please provide the proposed duration for your groundwater LCS (e.g., 2026-2028 irrigation seasons).

Please note that if you cancel or withdraw a groundwater LCS, the requirement to follow the terms of the LCS, including to report metered and/or unmetered groundwater use data, continues up to the date of withdrawal. Please also note that if you withdraw from a multi-year groundwater LCS, you will need to apply again if you want to make use of a groundwater LCS in future years.

one year irrigation season.

Table 2

2026 plan	acre/ft April	acre/ft May	acre/ft June	acre/ft July	acre/ft August	acre/ft September	acre/ft October	Total
Canyon wheel line 6.1gpm 35 noz. 4-10 hr. Sets 2.5 passes/month grass	3.2	3.9	4.8	4.8	4.8	3.9	0	25.4
Ball park wheel line 6.1gpm 12 noz. 8-10 hr sets 2.5 passes/month alfalfa	2.16	2.7	3.78	3.78	3.78	0		16.2
Pond wheel line 6.1gpm 32 noz. 4-10 hr sets 2.5 passes/month alfalfa	2.88	3.6	5.04	5.04	5.04	0		21.6
Lumber yard wheel line 6.1gpm 11 noz. 6-10 hr sets 2.5 passes/ month grain	1.48	2.22	2.22	0				5.92
Hand pipe 6.1gpm 27 noz. 1-10 hr set 2.5 passes/month grain	0.35	0.87	0.87					2.09
Lane wheel lines 6.1gpm 58 noz. 5-10 hr sets 2.5 passes/month grass	2.85	3.8	3.8	3.8	3.8	3.8		21.85
Pod lines 4gpm 41 noz. 8-10 hr sets 2.5 passes/month grass	4.84	6.04	6.04	6.04	6.04	6.04		35.04
North pivot 1/3 1.5 inches/pass .37ft/ month 33 acres 3 passes/month alfalfa	12.21	12.21	12.21	16.28	16.28	4.07		73.26
North pivot 2/3 1 inch/pass .33ft/ month 66 acres 4 passes/month grass	16.5	21.78	21.78	21.78	21.78	21.78	5.44	130.84

2026 plan	acre/ft April	acre/ft May	acre/ft June	acre/ft July	acre/ft August	acre/ft September	acre/ft October	Total
Middle pivot south 1.5 inches/ pass .37ft/ month 23.25 acres 3 passes/month alfalfa	8.6	8.6	8.6	11.47	11.47			48.74
Middle pivot north 1.5 inches/pass . 37ft/month 28.38 acres 3 passes/ month alfalfa	10.5	10.5	10.5	14	14			59.5
South pivot west 1 inch/pass .25ft/ month 35.4 acres 3passes/month grain	5.9	8.85	11.8	8.85				35.4
South pivot east 1.5 inches/pass . 37ft/month 35.4acres 3 passes/month alfalfa	13.1	13.1	13.1	13.1	13.1			65.5
Dangel pivot 1 inch/pass .33ft/ month 75 acres 4 passes/month grass	12.38	24.75	24.75	24.75	24.75	18.56	6.19	136.13
Mulloy pivot south 1 inch/pass .25ft/ month 58.33 acres 3 passes/month		14.58	14.58					29.16
Mulloy pivot west 1 inch/pass .25ft/ month 43 acres 3 passes/month grass				5.37	10.75	10.75		26.87
Mulloy pivot northeast 1 inch/ pass .08ft/month 40 acres 1 pass/ month grass								0
Total for 2026	96.6	137.5	143.87	139.06	135.59	68.9	11.63	733.5
Total for 2023	107.87	175.92	175.92	170.57	173.56	120.57	19.42	943.83
Saved with lesa	9.37	17.75	17.75	16.72	16.31	17.05	1.92	96.87

Section 5: Groundwater Well Information

Complete the table below or upload an attachment for information on the groundwater wells, fields irrigated by the well and the APN, and associated meters that are covered under the proposed groundwater LCS.

- Well ID: Name of the well covered by the proposal LCS
- Well Coordinates: Latitude and Longitude of the well location
- Field APNs: List the APNs for the fields irrigated by the well. Please include APN of fields fallowed as part of the LCS plan.
- Meter ID: List the meters recording extraction or application from this well.

Well ID	Well Coordinates	Field APNs	Meter ID
Example: Well #1	(40.57686, -122.3657)	547-988-0975; 547-989-0976	Meter 1 Meter 3
Ft Jones South well			1 south
Ft Jones middle well			2 middle
Ft Jones Northwell ballpark			3 north
Quartz Valley Dangel Ranch			4
Quartz Valley Mulloy			5

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

Upload Well Information

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 at least 30% throughout the irrigation season (April 1 – October 31) and a monthly reduction of at least 30% between July 1 through October 31.
- **Shasta River Watershed:** A net groundwater pumping reduction of at least 15% throughout the irrigation season (March 1 – November 1) and a monthly reduction of at least 15% between June 1 through September 30.
- The relevant water use reduction shall generally be based on a comparison to a baseline irrigation season (i.e., 2020, 2021, 2022, or 2023).
 - BUT, if the comparison irrigation season's use 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. 515

- If you are proposing a Percent Reduction Groundwater LCS, please provide the following to the State Water Board and your Coordinating Entity.
 - a. A description of practices that reduce groundwater pumping and how the State Water Board (or Coordinating Entity, if applicable) can verify those actions.

We bought a new pivot to replace 2 wheel lines (have wheel lines.) 58 nozzles. Lessa system used. Using smaller nozzles and volume & time reduction, for remaining wheel lines in reference to baseline. Meters at pumps in Fort Jones. Will be recorded weekly & reported monthly (meters)

- b. A spreadsheet with monthly pumping volumes (e.g. in acre-feet) for the selected baseline year and current year. Use one row per irrigation method per field.
 - c. Map(s) with each field labeled, the crop type, well locations, and meter locations.

Maps same as last year.

Section 6: Metering Information

Please describe the metering plan for all the fields that will be irrigated under the LCS. Remember that meters can be installed at the well head or at the place of use (e.g., pivots). All meters should be installed to manufacturers' specifications and recommendations and measurements should be in the expected accuracy range. Fill in the box below, upload an attachment, or email a document or spreadsheet with the information requested in this section.

- a. Describe how you will record weekly extractions or applications and report monthly volumes. Include a description of all water uses associated with each groundwater well that is part of this groundwater LCS. For each meter include the Well ID the meter is recording, the amount of irrigated acres covered and the crop type. Each meter should have an identifier (e.g., Meter #1) included in the description and in the monthly reports.

For example, "the ranch manager will log meter readings at Well #1 using Meter #1; and for Well #2, the ranch manager will log meter readings at pivots 1 & 2 using Meters #2 and #3." Also note what the water is being used for – "Well #1 irrigates 50 acres of grain on fields A and B, 100 acres of pasture on fields E, G, and Z. Meter #2 will irrigate 75 acres of alfalfa on field Y and Meter #3 will irrigate 25 acres Alfalfa on Field W. The manager will send the logs and photos to the Water Board by no later than the 10th of the month for the preceding month."

- We will measure the water with meters at the wells.
1. South well - 36 ac Alf, 55 ac grain, 6 ac pasture (pilot)
 2. Middle well - 51.63 ac Alf, 33 ac Alf, 69 ac pasture, 7 ac Alf
 3. North - the middle & north wells are a combined system which covers the acreage together.
 4. Quartz Valley/Dangel ranch 75 ac grass - meter at pivot.
 5. Quartz Valley/Mulby Ranch 141 ac grass meter at pump

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

6-12-26

Dear Riyana,

Dangel pivot 75 ac grass, metered at pivot center.

Mulloy pivot diesel engine 175 ac grass and possibly not going to operate this summer per price of diesel fuel.

East section of this pivot didn't get into calculations of 33.67 ac. The total comes out to 516.43 ac.

2026

2026 Metering Info

2023 Baseline

Specifications	Crop	Acres	April AF	May AF	June AF	July AF	August AF Sep
Canyon Wheel Line 6.1gpm 35 noz. 4-10 hr. sets 2.5 passess/month grass	Grass	8	4.72	4.72	4.72	4.72	4.72
Ball Park Wheel line 6.1gpm 12 noz. 8-10 hr. sets 2.5 passess/month alfalfa	Alfalfa	5	2.14	3.23	3.23	3.23	3.23
Pond Wheel Line 6.1gpm 32 noz. 4-10 hr. sets 2.5 passess/month alfalfa	Grain	7	2.86	4.31	4.31	1.43	
Lumber Yard Wheel line 6.1gpm 11 noz. 6-10 hr. sets 2.5 passess/month grain	Grain	4	1.48	2.22	2.22	0.74	
hand pipe 6.1gpm 27 noz. 1-10 hr. sets 2.5 passess/month grain	Grain	2	0.6	0.91	0.91	0.3	
lane wheel line 6.1gpm 58 noz. 5-10 hr. sets 2.5 passess/month grass <i>WE INSTALLED A NEW PIVOT HERE</i>	Grass	12	6.52	9.77	9.77	9.77	9.77
pod lines 4gpm 41 noz. 5-10 hr. sets 2.5 passess/month grass	Grass	7	6.04	6.04	6.04	6.04	6.04
north pivot 1/3 1.5inches/pass 0.37ft/month 33 acres 3 passes/month alfalfa	Alfalfa	33	8.25	16.5	16.5	16.5	16.5
North pivot 2/3 1/3 1.5inches/pass 0.33ft/month 66 acres 4 passes/month alfalfa	Grass	66	13.86	27.72	27.72	27.72	27.72
Middle Pivot South 1.5inches/pass 0.37ft/month 23.25 acres 3 passes/month alfalfa	Grain	23.25	7.67	7.67	7.67	1.92	
Middle Pivot North 1.5inches/pass 0.37ft/month 28.38 acres 3 passes/month alfalfa	Alfalfa	28.38	7.1	14.19	14.19	14.19	14.19
South Pivot West 1 inch/pass 0.25ft/month 35.4 acres 3 passes/month grain	Grass	35.4	7.44	14.86	14.86	14.86	14.86
South pivot East 1.5inches/pass 0.37ft/month 35.4 acres 3 passes/month alfalfa	Alfalfa	35.4	8.86	17.7	17.7	17.7	17.7
Dangel Pivot 1 inch/pass 0.33ft/month 75 acres 4 passes/month grass	Grass	75	15.75	31.5	31.5	31.5	31.5
Mulloy Pivot South 1 inch/pass 0.25ft/month 58.33 acres 3 passes/month		58.33	14.58	14.58	14.58	14.58	14.58
Mully Pivot West 1 inch/pass 0.25ft/month 43 acres 3 passes/month grass	Grass	43				5.37	10.75
Mulloy Pivot Northeast 1 inch/pass 0.08ft/month 40 acres 1 pass/month grass <i>Mulloy Pivot</i>	Grass	40 33.67					

Total	516.73	107.87	175.92	175.92	170.57	171.56
70% of 2023		75.51	123.14	123.14	119.40	120.09

WB side calculation:

Saved with LESA (18% efficiency to the baseline years for noth, middle, and south pivot) AF saved & used Percent of 2023 Percent reduction

9.57	17.76	17.76	16.72	16.37
87.38	119.74	126.11	122.34	119.22
81%	68%	72%	72%	69%
19%	32%	28%	28%	31%

Cleaning Dates

me

17 Earnests

ALL OF OUR GROUND WATER
USAGE IS METERED FOR
THE 2026 IRRIGATION SEASON
THIS INCLUDES POD LINES,
HAND LINES, WHEEL LINES, AND
PILOTS BY METERS

DAN HAYDEN

Sent from my iPhone