



## 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
- 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	
Name of Farm, Ranch, or Business	Double 'D' Ranch
Phone Number	[REDACTED]
Email Address	[REDACTED]

\* = 1,574

**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.**

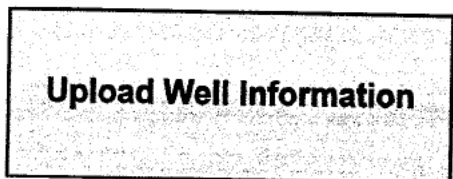
Name: Maxine Desobbele      Date: 8/19/2024

### 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>
The Well	[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."

We would like to be exempted from photos + daily records as we have flow meters on the pivots and the RCD as the coordinating entity will come and read the flow meters ~~and~~ once a month and we will supply him with the wheel line + pods records. We do not irrigate daily. All our fields have different water needs.

- 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.

A well meter would be redundant since we have flow meters on our pivots.

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 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. 63 acres
- 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.

Not using guns on pivots. using underground sensors to know when to irrigate. Irrigating with enough volume to compensate for evaporation so that we don't lose water table.  
RED can verify with flow meters + sensor records.  
We replaced the 1/4 mile wheel line with a pivot the end of 2023

Upload Attachment

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

Upload Baseline Pumping

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

Upload Map(s)

### 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 the majority of the 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
1, 2	owned	[REDACTED]		Pivot
4	owned	[REDACTED]		Pivot
8	owned	[REDACTED]	partial wheel line + pods	
6	owned	[REDACTED]	will be partially watered by a pivot first time this year	
7	owned	[REDACTED]	pivot that replaced a 1/4 m. wheel line this season	
3	owned	[REDACTED]	pivot	
9	owned	[REDACTED]	not irrigated	
7	owned	[REDACTED]	ditch water rights	
10	owned	[REDACTED]		

Upload Attachment

months	1	2	3	4	5	6	7	8	9	10
May	4.23 Above fl.		2.1						Wheeling 23 wheels + 10/100's .77	
June	3.8	1.0 <del>2.0</del>	1.0 <del>2.0</del>			6.59		1.09		
July	2.0 <del>1.0</del>	1.0	2.0	2.0		4.69	mostly in fl 1			
August	SHUT DOWN ALL IRRIGATION									
Sept.	18.5 + 2.94 with gun 21.5									
Oct.	11.28 gun + 1.2 12.30 1.86									

PIVOT #1 = FIELDS 1-4 fields

PIVOT #2 = 6-7

partially in #7-10

8 wheels  
23 wheels  
+ 10/100's  
.77

4.69  
mostly  
in fl  
1

18.5 + 2.94 with gun  
21.5

11.28 gun  
+ 1.2  
12.30  
1.86

Proposal for groundwater percent reduction of  
Groundwater:

Because we had such a good spring we irrigated much less than usual so we were already approximately 60% reduced from 2020 through July and quit watering when the curtailment began after Shelly Fire warnings lifted. So I'm proposing putting down not more than 20 acre ft. which would still have us at least 40% reduced from 2020. We probably would be putting less than that and a lot depends on weather. We also will not water in Oct. unless we are still under 20 acre ft.

50%  
more  
likely

August 19<sup>th</sup>

Maxine Haselbacher