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CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

Application Form for 2025 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 2025 irrigation season under the Scott River and Shasta River watersheds emergency regulation. 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 15, 2025.**

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
  1001 I Street - 14th Floor
  Sacramento, CA 95814

Section 1: Applicant Information

Name	Lance Batistich
Name of Farm, Ranch, or Business	Classic farms LLC
Phone Number	[redacted]
Email Address	[redacted]

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: *Lance Batistich* Date: 4/12/25

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 all of the required components.
        - Map(s) with each well(s), meter location(s), and field(s) 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, well location(s) and meter location(s), and field(s) labeled.
    - Percent Reduction Groundwater LCS (see Section 9 of application)
        - Description of verifiable water reduction actions that will be implemented.
        - Spreadsheet with monthly volumes for baseline year and current year. Use one row per irrigation method per field.
        - Map(s) with each well(s), meter location(s), and field(s) labeled.
- A description of existing and planned groundwater metering (Section 6 of application), a time schedule for additional installation or information to support a waiver request, and a plan to record metered extractions or applications weekly and to report them monthly to your Coordinating Entity and/or State Water Board.
- Groundwater Well or Metered Application Information (see Section 5 of application) (paper or email submittal accepted).

Section 3: Requirements for All Groundwater LCS Proposals

- **Deadline:** Proposals are due to the State Water Board by April 15, 2025.
- **Implementation:** Proposals must be implemented during the entirety of one or more irrigation seasons (including the time 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 or applications covered under the LCS and information on how extractions and/or applications will be recorded weekly and reported monthly to the Deputy Director (or Coordinating Entity, if so agreed). Please note the Coordinating Entity is required to provide this data to the State Water Board.
    - *Funding for Meters:* The State Water Board has limited 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:* All applicants should have the required metering equipment installed and operating before the start of irrigation season so that all groundwater extractions or applications covered by the LCS are metered.
    - *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 the 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. This includes feasibility evaluation of installing a meter at the well(s) and at the place(s) of use (e.g., pivot).

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@svrcd.org

☐ Siskiyou Resource Conservation District
Contact: Evan Senf
(530) 643-1585
evan@siskiyourcd.com

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

☐ 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.

☐ I select not to work with a coordinating entity.

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
SO25820/north well foster 616-b34	[redacted]		north well
SO25819/sump foster 614-b34			sump
SO25829/east well foster 603c			east well
SO25830/ west well foster 617c			west well

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

Upload Well Information

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 5th of the month for the preceding month."*

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.

Upload Attachment

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 multiple seasons, please provide the time period.

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), meter(s), and field crop type. Upload as an attachment or email. **Upload Map(s)**

4. Certify all of 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, 2025.

☐ 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).

   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 agrees to a below schedule AND provides evidence that irrigated acreage is reduced compared to standard practice on the property (e.g., practice in a similar unregulated year). 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.

Upload Attachment

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

Upload Map(s)

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 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. 330
- 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.

    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 labeled, well locations, and meter locations.

    Upload Map(s)

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 **Submit**
- Email: DWR-ScottShastaDrought@Waterboards.ca.gov
- Mail:
  State Water Resources Control Board
  Division of Water Rights - Instream Flows Unit
  1001 I Street - 14th Floor
  Sacramento, CA 95814

Contact Information for State Water Board Staff

- Rachel Wright
  Phone: (916) 322-8420
  Email: Rachel.Wright@waterboards.ca.gov
- Robert Solecki
  Phone: (916) 341-5400
  Email: Robert.Solecki@Waterboards.ca.gov
- Division of Water Rights – Scott-Shasta Phone Line and Email
  Phone: (916) 327-3113
  Email: DWR-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.

	Baseline year															
Field ID	2020 Irrigated Acres	2020 Irrigation Method	2020 Crop Type	Calculation Factors	April 2020 Acre Feet Applied	May 2020 Acre Feet Applied	June 2020 Acre Feet Applied	July 2020 Acre Feet Applied	August 2020 Acre Feet Applied	September 2020 Acre Feet Applied	October 2020 Acre Feet Applied	2020 Total Acre Feet	2025Irrigated Acres	2025 Irrigation Method	2025 Crop Type
1	17	Wheel Line Section	Pasture	31 heads 11/64 nozzel 50psi 191.89 gpm and 7 moves 3.5 days.	11.73	11.73	11.73	11.73	11.73	11.73	11.73	82.11	17	Wheel Line Section	Pasture
2	18.4	Wheel Line Section	Pasture	34 heads 11/64 nozzel 50psi 210.46 gpm 7 moves 3.5 days	13.98	13.98	13.98	13.98	13.98	13.98	13.98	97.86	18.4	Wheel Line Section	Pasture
3	25.7	Wheel Line Section	grain	59 heads 11/64 nozzel 50 psi 365.21 gpm 7 moves 3.5 days	22.87	22.87	22.87	22.87	0	0	0	91.48	25.7	Wheel Line Section	Grain
4	25.3	Wheel Line Section	grain	59 heads 11/64 nozzel 50psi 365.21 gpm 7 moves 3.5 days	22.87	22.87	22.87	22.87	0	0	0	91.48	25.3	Wheel Line Section	Grain
5a	11	Wheel Line Section	grain	18 heads 11/64 nozzel 50 psi 111.42 gpm 7 moves 3.5 days	0.66	0.66	1.1	1.1	0.0	0.0	0.0	5.4	11	Wheel Line Section	Grain
5b	5.1	Big gun	grain	1 head 1.46 nozzel 50 psi 300 gpm 2 passes total 24 hours 2x/ month	2.55	2.55	2.55	2.55	0	0	0	2	5.1	Big Gun	Grain
6	13.4	Wheel Line Section	alfalfa	36 heads 11/64 nozzel 50psi 222.84 gpm 7 moves 3.5 days	13.66	13.66	13.66	13.66	13.66	0	0	5.1	13.4	Wheel Line Section	alfalfa
7a	36	pivot	alfalfa	800 gpm 1x/ week 2 days to complete	16.92	16.92	16.92	16.92	16.92	0	0	2.35	36	pivot	grain
7b	24.4	pivot	alfalfa	800 gpm 1x/ week 2 daysto complete	11.46	11.46	11.46	11.46	11.46	0	0	2.35	24.4	pivot	alfalfa
8	4.8	wheel line section	alfalfa	7 heads 11/64 nozzel 50 psi 43.3 gpm 8 moves	5.71	5.9	5.9	5.9	5.9	0	0	6.07	4.8	Wheel Line Section	alfalfa
10	21.3	Big gun	corn	1 head 1.46 nozzel 50 psi 300 gpm 7 moves 2x/ month	10.65	10.65	10.65	10.65	10.65	10.95		3	21.3	Big Gun	grain
12	3.82	Big Gun	Grain	1 head 1.46 nozzel 50 psi 300 gpm 2 moves 2x/ month 24hours	1.14	1.14	1.14	1.14	0	0	0	1.2	3.82	Big Gun	fallow
13	70	Pivot	Corn	1100 gpm 1x/ week 5 days to complete	0	0	96.6	96.6	96.6	96.6		5.52	70	pivot	corn
14	9.33	Big Gun	Grain	1 head 1.46 nozzel 50 psi 300 gpm 2 moves 2x/ month 24hours	4.66	4.66	4.66	4.66	0	0	0	2	9.33		grain
15	31.2	Pivot	alfalfa	1100 gpm2x/ month 2 days to complete	19.34	19.34	19.34	19.34	19.34	0	0	3.1	31.2	pivot	alfalfa
16	11	Big Gun	grain	1 head 1.46 nozzel 50 psi 300 gpm 2 moves 2x/ month 24hours	5.5	5.5	5.5	5.5	0	0	0	2	11		fallow
17	4.39	Big Gun	Grain	1 head 1.46 nozzel 50 psi 300 gpm 2 moves 2x/ month 24hours	2.19	2.19	2.19	0.5	0	0	0	2	4.39		fallow
19	9.33	wheel line	alfalfa	19 heads 11/64 nozzel 50 psi 117.61 gpm 7 moves 2x/ month	1.77	1.77	1.77	1.77	1.77	0	0	0.95	9.56	wheel line	grain
21	35.7	Pivot	alfalfa	600 gpm 4 day x 2x/ month	21	21	21	21	21	0	0	2.95	35.7	pivot	alfalfa
24	11.2	Big Gun	grain	1 head 1.46 nozzel 50 psi 300 gpm3 moves 2x/ month 72 hours / month total	3.92	3.92	3.92	3.92	0	0	0	1.4	11.2		fallow
25	12.4	wheel line	Grain	19 heads 11/64 nozzel 50 psi 221.16 gpm 7 moves 3.5 days to complete	14.74	14.72	14.74	14.74				4.4	12.4	wheel line	grain
28	5	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 4 moves 48 hours total 1x/ month	2.65	2.65	2.65	2.65	2.65	2.65	2.65	3.7	5		fallow
29	3	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 3 moves 36 hours total 1x/ month	1.86	1.86	1.86	1.86	1.86	1.86	1.86	4.34	3		fallow
30	3	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 3 moves 36 hours total 1x/ month	5.58	5.58	5.58	5.58	5.58	5.58	5.58	4.34	3		fallow
31	8.35	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 4 moves 48 hours total 1x/ month	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.17	8.35		fallow
32	11.5	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 4 moves 48 hours total 1x/ month	2.64	2.64	2.64	2.64	2.64	2.64	2.64	1.61	11.5		fallow
Totals	431.62				133.1	5.1	133.7	133.7	84.3	25.7	25.7	389.2	202.4		

This row automatically calculates 70% of groundwater pumped in July-October and total in your baseline year. For a 2024 percent reduction LCS, this is the maximum water volume you may pump in July-October 2024 and tota in 2025

This row automatically calculates 30% of groundwater pumped in July-October and total in your baseline year. For a 2024 percent reduction LCS, you must decrease your groundwater pumping in July-October 2024 and overall in 2024 by these volumes.

This row automatically calculates the volume of pumped groundwater you are conserving in excess of the 30% reduction requirement.

This row automatically calculates the percent reductions you are proposing for each month of 2024 and total for 2024.

Other notes

2020, 2021, 2022, or 2023 may be used as a baseline year

Calculation Factors	April 2025 Acre Feet Applied	May 2025 Acre Feet Applied	June 2025 Acre Feet Applied	July 2025Acre Feet Applied	August 2025 Acre Feet Applied	Septembe r 2025 Acre Feet Applied	October 2025Acre Feet Applied	2025 Acre Feet
31 heads 9/64 nozzel 50 psi 129.58 gpm and 7 moves	7.99	7.99	7.99	7.99	7.99	7.99	7.99	55.93
34 heads 9/64 nozzel 50 psi 142.12 gpm and 7 moves 3.5 days	8.77	8.77	8.77	8.77	8.77	8.77	8.77	61.39
59 heads 9/64 nozzel 50 psi 246.62 gpm 7 moves 3.5 days	15.16	15.16	15.16	15.16	0	0	0	60.64
59 heads 9/64 nozzel 50 psi 246.62 gpm 7 moves 3.5 days	14.92	14.92	14.92	14.92	0	0	0	59.68
18 heads 9/64 nozzel 50 psi 75.24 gpm 7 moves 3.5 days	4.4	4.4	4.4	4.4	0.0	0.0	0.0	17.6
	0	0	0	0	0	0	0	0
36 heads 9/64 nozzel 50 psi 150.48 gpm 7 moves 3.5 days	9.24	9.24	9.24	9.24	9.24	0	0	3.45
800 gpm 1x/week 2 days to complete	16.92	16.92	16.92	16.92	0	0	0	1.88
800 gpm 1x/week 2 days to complete	11.46	11.46	11.46	11.46	11.46			2.35
fallow	0	0	0	0	0	0	0	0
dry land	0	0	0	0	0	0	0	0
fallow	0	0	0	0	0	0	0	0
1100 gpm 1x/ month 2 days to complete	0	0	96.9	96.9	96.9	96.9	96.6	6.9
dry land	0	0	0	0	0	0	0	0
11oo gpm 2x/ month 2 days to complete	19.34	19.34	19.34	19.34	19.34	0	0	3.1
fallow	0	0	0	0	0	0	0	0
fallow	0	0	0	0	0	0	0	0
19 heads 9/64 nozzel 50 psi 79.42 psi 7 moves 3.5 day	4.87	4.87	4.87	4.87	0	0	0	2.04
600 gpm 4 day to complete 2x/month	21	21	21	21	21	0	0	2.95
fallow	0	0	0	0	0	0	0	0
19 heads 9/64 nozzel 50 psi 79.42 psi 7 moves 3.5 day	4.83	4.83	4.83	4.83	0	0	0	1.56
fallow	0	0	0	0	0	0	0	0
fallow	0	0	0	0	0	0	0	0
fallow	0	0	0	0	0	0	0	0
fallow	0	0	0	0	0	0	0	0
fallow	0	0	0	0	0	0	0	0
	88.9	88.9	88.9	88.9	37.5	16.8	16.8	262.9
70% of baseline year water applied in AF				93.6	59.0	18.0	18.0	272.5
30% Reduction Volume in AF				40.1	25.3	7.7	7.7	116.8
Water reduced in excess of 30% need in AF				4.7	21.6	1.2	1.2	9.5
Percent Reduction	33%	-1642%	34%	34%	56%	35%	35%	32%

	Baseline year												2025										
Field ID	2020 Irrigated Acres	2020 Irrigation Method	2020 Crop Type	Calculation Factors	April 2020 Acre Feet Applied	May 2020 Acre Feet Applied	June 2020 Acre Feet Applied	July 2020 Acre Feet Applied	August 2020 Acre Feet Applied	Septembe r 2020 Acre Feet Applied	October 2020 Acre Feet Applied	2020 Total Acre Feet	2025 Irrigated Acres	2025 Irrigation Method	2025 Crop Type	Calculation Factors	April 2025 Acre Feet Applied	May 2025 Acre Feet Applied	June 2025 Acre Feet Applied	July 2025 Acre Feet Applied	August 2025 Acre Feet Applied	Septembe r 2025 Acre Feet Applied	October 2025 Acre Feet Applied	2025 Acre Feet
1	17	Wheel Line Section	Pasture	31 heads 11/64 nozzel 50psi 191.89 gpm and 7 moves 3.5 days	11.73	11.73	11.73	11.73	11.73	11.73	11.73	82.11	17	Wheel Line Section	Pasture	31 heads 9/64 nozzel 50 psi 129.58 gpm and 7 moves	7.99	7.99	7.99	7.99	7.99	7.99	7.99	55.93
2	18.4	Wheel Line Section	Pasture	34 heads 11/64 nozzel 50psi 210.46 gpm 7 moves 3.5 days	13.98	13.98	13.98	13.98	13.98	13.98	13.98	97.86	18.4	Wheel Line Section	Pasture	34 heads 9/64 nozzel 50 psi 142.12 gpm and 7 moves 3.5 days	8.77	8.77	8.77	8.77	8.77	8.77	8.77	61.39
3	25.7	Wheel Line Section	grain	59 heads 11/64 nozzel 50 psi 365.21 gpm 7 moves 3.5 days	22.87	22.87	22.87	22.87	0	0	0	91.48	25.7	Wheel Line Section	Grain	59 heads 9/64 nozzel 50 psi 246.62 gpm 7 moves 3.5 days	15.16	15.16	15.16	15.16	0	0	0	60.64
4	25.3	Wheel Line Section	grain	59 heads 11/64 nozzel 50psi 365.21 gpm 7 moves 3.5 days	22.87	22.87	22.87	22.87	0	0	0	91.48	25.3	Wheel Line Section	Grain	59 heads 9/64 nozzel 50 psi 246.62 gpm 7 moves 3.5 days	14.92	14.92	14.92	14.92	0	0	0	59.68
5a	11	Wheel Line Section	grain	18 heads 11/64 nozzel 50 psi 111.42 gpm 7 moves 3.5 days	0.66	0.66	1.1	1.1	0.0	0.0	0.0	3.52	11	Wheel Line Section	Grain	18 heads 9/64 nozzel 50 psi 75.24 gpm 7 moves 3.5 days	4.4	4.4	4.4	4.4	0.0	0.0	0.0	17.6
5b	5.1	Big gun	grain	1 head 1.46 nozzel 50 psi 300 gpm 2 passes total 24 hours 2x/ month	2.55	2.55	2.55	2.55	0	0	0	10.2	0	Big Gun	Grain		0	0	0	0	0	0	0	0
6	13.4	Wheel Line Section	alfalfa	36 heads 11/64 nozzel 50psi 222.84 gpm 7 moves 3.5 days	13.66	13.66	13.66	13.66	13.66	0	0	68.3	13.4	Wheel Line Section	alfalfa	36 heads 9/64 nozzel 50 psi 150.48 gpm 7 moves 3.5 days	9.24	9.24	9.24	9.24	9.24	0	0	46.2
7a	36	pivot	alfalfa	800 gpm 1x/ week 2 days to complete	16.92	16.92	16.92	16.92	16.92	0	0	84.6	36	pivot	grain	800 gpm 1x/week 2 days to complete	16.92	16.92	16.92	16.92	0	0	0	67.68
7b	24.4	pivot	alfalfa	800 gpm 1x/ week 2 daysto complete	11.46	11.46	11.46	11.46	11.46	0	0	57.3	24.4	pivot	Grain	800 gpm 1x/week 2 days to complete	11.46	11.46	11.46	11.46	0			45.84
8	4.8	wheel line section	alfalfa	7 heads 11/64 nozzel 50 psi 43.3 gpm 8 moves	5.71	5.9	5.9	5.9	5.9	0	0	29.31	0	Wheel Line Section	alfalfa	fallow	0	0	0	0	0	0	0	0.0
10	21.3	Big gun	corn	1 head 1.46 nozzel 50 psi 300 gpm 7 moves 2x/ month	10.65	10.65	10.65	10.65	10.65	10.95		64.2	0	Big Gun	grain	dry land	0	0	0	0	0	0	0	0
												0												0
												0												0
12	3.82	Big Gun	Grain	1 head 1.46 nozzel 50 psi 300 gpm 2 moves 2x/ month 24hours	1.14	1.14	1.14	1.14	0	0	0	4.56	0	Big Gun	fallow	fallow	0	0	0	0	0	0	0	0
13	70	Pivot	Corn	1100 gpm 1x/ week 5 days to complete	0	0	96.6	96.6	96.6	96.6		386.4	70	pivot	corn	1100 gpm 1x/ month 2 days to complete	0	0	96.9	96.9	96.9	48.45	0	339.2
14	9.33	Big Gun	Grain	1 head 1.46 nozzel 50 psi 300 gpm 2 moves 2x/ month 24hours	4.66	4.66	4.66	4.66	0	0	0	18.64	0		grain	dry land	0	0	0	0	0	0	0	0
15	31.2	Pivot	alfalfa	1100 gpm2x/ month 2 days to complete	19.34	19.34	19.34	19.34	19.34	0	0	96.7	31.2	pivot	alfalfa	11oo gpm 2x/ month 2 days to complete	19.34	19.34	19.34	19.34	19.34	0	0	96.7
16	11	Big Gun	grain	1 head 1.46 nozzel 50 psi 300 gpm 2 moves 2x/ month 24hours	5.5	5.5	5.5	5.5	0	0	0	22	0		fallow	fallow	0	0	0	0	0	0	0	0
17	4.39	Big Gun	Grain	1 head 1.46 nozzel 50 psi 300 gpm 2 moves 2x/ month 24hours	2.19	2.19	2.19	0.5	0	0	0	7.07	0		fallow	fallow	0	0	0	0	0	0	0	0
19	9.33	wheel line	alfalfa	19 heads 11/64 nozzel 50 psi 117.61 gpm 7 moves 2x/ month	1.77	1.77	1.77	1.77	1.77	0	0	8.85	9.56	wheel line	grain	19 heads 9/64 nozzel 50 psi 79.42 psi 7 moves 3.5 day	4.87	4.87	4.87	4.87	0	0	0	19.48
21	35.7	Pivot	alfalfa	600 gpm 4 day x 2x/ month	21	21	21	21	21	0	0	105	35.7	pivot	alfalfa	600 gpm 4 day to complete 2x/month	21	21	21	21	21	0	0	105
24	11.2	Big Gun	grain	1 head 1.46 nozzel 50 psi 300 gpm3 moves 2x/ month 72 hours / month total	3.92	3.92	3.92	3.92	0	0	0	15.68	0		fallow	fallow	0	0	0	0	0	0	0	0
25	12.4	wheel line	Grain	19 heads 11/64 nozzel 50 psi 221.16 gpm 7 moves 3.5 days to complete	14.74	14.74	14.74	14.74				58.96	12.4	wheel line	grain	19 heads 9/64 nozzel 50 psi 79.42 psi 7 moves 3.5 day	4.83	4.83	4.83	4.83	0	0	0	19.32
28	5	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 4 moves 48 hours total 1x/ month	2.65	2.65	2.65	2.65	2.65	2.65	2.65	18.55	0		fallow	fallow	0	0	0	0	0	0	0	0.0
29	3	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 3 moves 36 hours total 1x/ month	1.86	1.86	1.86	1.86	1.86	1.86	1.86	13.02	0		fallow	fallow	0	0	0	0	0	0	0	0
30	3	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 3 moves 36 hours total 1x/ month	5.58	5.58	5.58	5.58	5.58	5.58	5.58	39.06	0		fallow	fallow	0	0	0	0	0	0	0	0
31	8.36	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 4 moves 48 hours total 1x/ month	2.58	2.58	2.58	2.58	2.58	2.58	2.58	18.06	0		fallow	fallow	0	0	0	0	0	0	0	0
32	11.5	Big Gun	pasture	1 head 1.46 nozzel 50 psi 300 gpm 4 moves 48 hours total 1x/ month	2.64	2.64	2.64	2.64	2.64	2.64	2.64	18.48	0		fallow	fallow	0	0	0	0	0	0	0	0
Totals	431.62				222.6	222.8	319.9	318.2	238.3	148.6	41.0	1511.4	330.06				138.9	138.9	235.8	235.8	163.2	65.2	16.8	994.6
This row automatically calculates 70% of groundwater pumped in July-October and total in your baseline year. For a 2024 percent reduction LCS, this is the maximum water volume you may pump in July-October 2024 and total in 2024.																70% of baseline year water applied in AF				222.7	166.8	104.0	28.7	1058.0
This row automatically calculates 30% of groundwater pumped in July-October and total in your baseline year. For a 2024 percent reduction LCS, you must decrease your groundwater pumping in July-October 2024 and overall in 2024 by these volumes.																30% Reduction Volume in AF				95.6	71.5	44.6	12.3	453.4
This row automatically calculates the volume of pumped groundwater you are conserving in excess of the 30% reduction requirement.																Water reduced in excess of 30% need in AF				-13.1	3.6	38.8	12.0	63.4
This row automatically calculates the percent reductions you are proposing for each month of 2024 and total for 2024.																**Percent Reduction**	38%	38%	26%	**26%**	**32%**	**56%**	**59%**	**34%**

Other notes

2020, 2021, 2022, or 2023 may be used as a baseline year

The row "Totals" uses an Excel calculation ("=sum[cell:cell]) to automatically sum the cells in the column above it.

d 9/64 11/64 nozzel puts out 6.19 gpm at 50 psi ang
9/64 puts out 4.18 gpm at 50 psi

From: Ayub, Riyana@Waterboards
To: Lance Batistich
Cc: WB-DWR-ScottShastaFlows
Subject: RE: 2025 LCS Application - Request for Additional Information and Modification in Calculation
Date: Friday, May 9, 2025 9:54:00 AM
Attachments: Copy of 2024-gw-lcs-spreadsheet-oro fino ranch.xlsx
2025-gw-lcs-spreadsheet-oro fino ranch-edits for Mr. Batistich.xlsx

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Hello Mr. Batistich,

Attached is your submitted 2024 and 2025 LCS Percent Reduction spreadsheet. In further review of both the 2024 and 2025 Orofino Ranch spreadsheets, it appears the Totals calculated in 'Row 33', don't include the entire data set but only for Row 3-13 (based on the formulas). In the spreadsheet there is a 'break' at Row 14 &15 where no values are entered. This was something we didn't catch last year. I'm not sure if this was intentionally done to flag something in calculations, but if so please let me know the explanation.

We took the liberty of updating the formulas and editing a couple values that we believe were typos (highlighted the edited cells) according to the judgement. Please let me know if the "2025 LCS_corrected" spreadsheet looks good to you and if so, we will continue processing your LCS. This "2025 LCS_corrected" spreadsheet is able to meet the seasonal water use reduction by 30%, though not meeting the monthly requirement for July through September. If you have any questions or would like to discuss further, please let me know and we can set up a phone call to review.

Thanks,
Riyana

From: Lance Batistich [redacted]
Sent: Wednesday, April 30, 2025 4:38 PM
To: Ayub, Riyana@Waterboards <Riyana.Ayub@Waterboards.ca.gov>
Subject: RE: 2025 LCS Application - Request for Additional Information and Modification in Calculation

Please send me what you used for last year it's exactly the same I want to see what it looks like that you had for last year because it was fine last year

-------- Original message --------
From: "Ayub, Riyana@Waterboards" <Riyana.Ayub@Waterboards.ca.gov>
Date: 4/30/25 1:28 PM (GMT-08:00)
To: Lance Batistich [redacted]
Cc: WB-DWR-ScottShastaFlows <DWR-ScottShastaFlows@Waterboards.ca.gov>
Subject: 2025 LCS Application - Request for Additional Information and Modification in Calculation

Hi Lance,
Waterboard staff have received and started reviewing your proposed 2025 groundwater local cooperative solution. To continue processing your application for approval, we require the following information.
Please provide the following items at your earliest convenience:

1. Signed 2025 coordinating entity binding agreement with the Scott River Water Trust.
2. The Percent Reduction calculation sheet has typos and does not meet the 30% reduction requirement when corrected. Refer to the attached Spreadsheet. In the first tab, '2025 LCS_reported,' the highlighted cells show that the cumulative total of applied water (acre-feet) is incorrect. The next tab, '2025 LCS_corrected,' has updated calculations, but the percent reduction still falls short of the required 30% for July through October. Please provide an updated spreadsheet and calculations that meet the requirements.

Please let me know if you have any questions.
Thank you,

Riyana Ayub
Water Resources Control Engineer
Instream Flows Unit
Division of Water Rights
SWRCB

From: Lance Batistich
To: Ayub, Riyana@Waterboards
Subject: RE: 2025 LCS Application - Request for Additional Information and Modification in Calculation
Date: Friday, May 16, 2025 7:08:03 AM

I tried to send up date but your email dose not go through

From: Ayub, Riyana@Waterboards <Riyana.Ayub@Waterboards.ca.gov>
Sent: Friday, May 9, 2025 9:55 AM
To: Lance Batistich [redacted]
Cc: WB-DWR-ScottShastaFlows <DWR-ScottShastaFlows@Waterboards.ca.gov>
Subject: RE: 2025 LCS Application - Request for Additional Information and Modification in Calculation

Hello Mr. Batistich,

Attached is your submitted 2024 and 2025 LCS Percent Reduction spreadsheet. In further review of both the 2024 and 2025 Orofino Ranch spreadsheets, it appears the Totals calculated in 'Row 33', don't include the entire data set but only for Row 3-13 (based on the formulas). In the spreadsheet there is a 'break' at Row 14 &15 where no values are entered. This was something we didn't catch last year. I'm not sure if this was intentionally done to flag something in calculations, but if so please let me know the explanation.

We took the liberty of updating the formulas and editing a couple values that we believe were typos (highlighted the edited cells) according to the judgement. Please let me know if the "2025 LCS_corrected" spreadsheet looks good to you and if so, we will continue processing your LCS. This "2025 LCS_corrected" spreadsheet is able to meet the seasonal water use reduction by 30%, though not meeting the monthly requirement for July through September. If you have any questions or would like to discuss further, please let me know and we can set up a phone call to review.

Thanks,
Riyana

From: Lance Batistich [redacted]
Sent: Wednesday, April 30, 2025 4:38 PM
To: Ayub, Riyana@Waterboards <Riyana.Ayub@Waterboards.ca.gov>
Subject: RE: 2025 LCS Application - Request for Additional Information and Modification in Calculation

SPencer

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

Application Form for 2025 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 2025 irrigation season under the Scott River and Shasta River watersheds emergency regulation. 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 15, 2025.**

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
  1001 I Street - 14th Floor
  Sacramento, CA 95814

Section 1: Applicant Information

Name	Lance Batistich
Name of Farm, Ranch, or Business	Classic farms LLC
Phone Number	[redacted]
Email Address	[redacted]

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: *Lance Batistich* Date: 4/12/25

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 all of the required components.
        - Map(s) with each well(s), meter location(s), and field(s) 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, well location(s) and meter location(s), and field(s) labeled.
    - Percent Reduction Groundwater LCS (see Section 9 of application)
        - Description of verifiable water reduction actions that will be implemented.
        - Spreadsheet with monthly volumes for baseline year and current year. Use one row per irrigation method per field.
        - Map(s) with each well(s), meter location(s), and field(s) labeled.
- A description of existing and planned groundwater metering (Section 6 of application), a time schedule for additional installation or information to support a waiver request, and a plan to record metered extractions or applications weekly and to report them monthly to your Coordinating Entity and/or State Water Board.
- Groundwater Well or Metered Application Information (see Section 5 of application) (paper or email submittal accepted).

Section 3: Requirements for All Groundwater LCS Proposals

- **Deadline:** Proposals are due to the State Water Board by April 15, 2025.
- **Implementation:** Proposals must be implemented during the entirety of one or more irrigation seasons (including the time 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 or applications covered under the LCS and information on how extractions and/or applications will be recorded weekly and reported monthly to the Deputy Director (or Coordinating Entity, if so agreed). Please note the Coordinating Entity is required to provide this data to the State Water Board.
    - *Funding for Meters:* The State Water Board has limited 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:* All applicants should have the required metering equipment installed and operating before the start of irrigation season so that all groundwater extractions or applications covered by the LCS are metered.
    - *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 the 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. This includes feasibility evaluation of installing a meter at the well(s) and at the place(s) of use (e.g., pivot).

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@svrcd.org

☐ Siskiyou Resource Conservation District
Contact: Evan Senf
(530) 643-1585
evan@siskiyourcd.com

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

☐ 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.

☐ I select not to work with a coordinating entity.

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
spencer 1	[redacted]		spencer1
spencer 2			spencer2

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

Upload Well Information

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 5th of the month for the preceding month."*

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.

Upload Attachment

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
- [x] 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 multiple seasons, please provide the time period.

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), meter(s), and field crop type. Upload as an attachment or email. **Upload Map(s)**

4. Certify all of 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, 2025.

☐ 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).

   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 agrees to a below schedule AND provides evidence that irrigated acreage is reduced compared to standard practice on the property (e.g., practice in a similar unregulated year). 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.

Upload Attachment

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

Upload Map(s)

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 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. 178.2
- 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.

    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 labeled, well locations, and meter locations.

    Upload Map(s)

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 **Submit**
- Email: DWR-ScottShastaDrought@Waterboards.ca.gov
- Mail:
  State Water Resources Control Board
  Division of Water Rights - Instream Flows Unit
  1001 I Street - 14th Floor
  Sacramento, CA 95814

Contact Information for State Water Board Staff

- Rachel Wright
  Phone: (916) 322-8420
  Email: Rachel.Wright@waterboards.ca.gov
- Robert Solecki
  Phone: (916) 341-5400
  Email: Robert.Solecki@Waterboards.ca.gov
- Division of Water Rights – Scott-Shasta Phone Line and Email
  Phone: (916) 327-3113
  Email: DWR-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.

	Baseline year												2025		
Field ID	2023 Irrigated Acres	2020 Irrigation Method	2020 Crop Type	Calculation Factors	April 2023 Acre Feet Applied	May 2023 Acre Feet Applied	June 2023 Acre Feet Applied	July 2023 Acre Feet Applied	August 2023 Acre Feet Applied	September 2023 Acre Feet Applied	October 2020 Acre Feet Applied	2020 Total Acre Feet	2025Irrigated Acres	2025 Irrigation Method	2025 Crop Type
1	48	Wheel Line Section	Pasture	37 heads 11/64 nozzel 55 psi 239 gpm and 21 moves	0	0	14.4	32.64	32.64	32.64	32.64	144.96	48	Wheel Line Section	Pasture
2	38.1	Wheel Line Section	grain	37 heads 11/64 nozzel 55 psi 239 gpm and 21 moves	15.62	32.38	32.38	32.38	32.38	0	0	145.14	38.1	Wheel Line Section	Alfalfa
3	34.5	Wheel Line Section	Pasture	34 heads 11/64 nozzel 55psi 220 gpm and 16 moves	0	0	28.98	30	30	30.7	30.7	150.38	34.5	Wheel Line Section	Pasture
6	33.4	Wheel Line Section	Pasture	38 heads 11/64 nozzel 55 psi 246 gpm and 13 moves	0	33.4	32.39	33.4	33.4	32.39	0	164.98	33.4	Wheel Line Section	Pasture
7	28.45	Wheel Line Section	grass/alfalfa	41 heads 11/64 nozzel 55 psi 265gpm and 10 moves	17.35	36.13	34.1	37.0	37.0	34.1	34.1	229.9	28.45	Wheel Line Section	grass/alf
Totals	182.45				33.0	101.9	142.3	165.4	165.4	129.9	97.5	835.3	182.5		
This row automatically calculates 70% of groundwater pumped in July-October and total in your baseline year. For a 2024 percent reduction LCS, this is the maximum water volume you may pump in July-October 2024 and total in 2024.															
This row automatically calculates 30% of groundwater pumped in July-October and total in your baseline year. For a 2024 percent reduction LCS, you must decrease your groundwater pumping in July-October 2024 and overall in 2024 by these volumes.															
This row automatically calculates the volume of pumped groundwater you are conserving in excess of the 30% reduction requirement.															
This row automatically calculates the percent reductions you are proposing for each month of 2024 and total for 2024.															

Other notes

2020, 2021, 2022, or 2023 may be used as a baseline year

The row "Totals" uses an Excel calculation ("=sum[cell:cell]) to automatically sum the cells in the column above it.

11/64 nozzel at 55 psi dose 6.48 gpm and9/64 nozzel dose 4.37 gpm

Calculation Factors	April 2025 Acre Feet Applied	May 2025 Acre Feet Applied	June 2025 Acre Feet Applied	July 2025 Acre Feet Applied	August 2025 Acre Feet Applied	September 2025Acre Feet Applied	October 2025 Acre Feet Applied	2025 Acre Feet
48 heads 9/64 nozzel 55 psi 161 gpm 21 moves	0	0	9.6	21.6	21.6	21.6	21.6	96
37 heads 9/64 nozzel 55psi 161 gpm 16 moves	1..66	21.7	21.7	21.7	21.7	0	0	86.8
34 heads 9/64 nozzel 55 psi 148 gpm 16 moves	0	0	19.32	20	20	19.32	20	98.64
38 heads 9/64 nozzel 55 psi 166 gpm 13 moves	0	22.71	21.7	22.7	22.7	21.7	0	111.51
41 heads 9/64 nozzel 55psi 179.6 gpm 10 moves	11.4	25.6	22.8	25.6	25.6	22.8	25.6	159.3
	11.4	70.0	95.1	111.6	111.6	85.4	67.2	552.3
70% of baseline year water applied in AF				115.8	115.8	90.9	68.2	584.7
30% Reduction Volume in AF				49.6	49.6	39.0	29.2	250.6
Water reduced in excess of 30% need in AF				4.2	4.2	5.5	1.0	32.4
Percent Reduction	65%	31%	33%	33%	33%	34%	31%	34%