# Jenner Cattle Co. Inc.



March 21, 2024

State Water Resources Control Board

1001 I Street Sacramento, CA 95814

Re: 2024 Cooperative Solution – Jenner Cattle Co. Inc.

To the State Water Board:

As authorized by 23 CCR §§ 875-875.9, Jenner Cattle Co. Inc. provides this letter to further

describe its proposed local cooperative solution (LCS) for the 2024 irrigation season.

Jenner Cattle Co. Is a 6<sup>th</sup> generation cattle and hay ranch. The operation currently irrigates 1835 acres of farm ground and pasture by use of ground water pumping and diverted water. The majority of the pasture ground has been irrigated by adjudicated surface water when available. When surface water is not available, portions of the pasture ground can be irrigated by ground water pumping by means of flood irrigation conveyed by pipeline, or pivot irrigation. Jenner Cattle Co. has various methods of irrigation which include: Surface water diversions (adjudicated first priority), Flood irrigation conveyed by pipeline and risers, 6 wheel lines, and 3 pivots. Over The past 150 years, the family has always sought out efficiency when it comes to irrigation practices. We have been land leveling ground for the past 60 years and laser leveling the past 15 years. This has reduced the amount of flood watering time by more than 50%, therefore reducing amount of water by 50%. We hope that this savings is taken in account. The cost of laser leveling ground is very expensive and time consuming; however we have always sought out means of conserving water as well as being the most efficient as possible with water. The company has also installed 3 pivots, Water savings is something that we have been pursing throughout the years as a common practice, even before it was asked by us to consider.

The water board needs to understand how much they are asking the producer to sacrifice on a year like this. There is No Way that we are in an emergency drought!!! By curtailing surface water, then also a 30% reduction in ground water, we are faced with very difficult circumstances to keep the business alive. A water taking of this magnitude needs to be

addressed with some sort of financial compensation. We feel that there needs to be more communication with the producers on long term solutions, rather than being forced into mandates and curtailments that will eventually bankrupt our business and our way of life. The producers and water right holders have not been appreciated or have been given credit for the years of water savings technologies and expense that they have already had to endure on their own. I hope that our voices, expertise, and solutions will be heard and part of future discussions moving forward.

Jenner Cattle Co. would like to work with Chris Voight and the water trust for monitoring and third party verification. Using both field maps, and our water savings plan, we can keep track of irrigation and be able to verify compliance of the LCS.

Sincerely,

Jenner Cattle Co. Inc.

Nick Jenner

### Jenner Cattle Co. Inc.

## Proposed waivers for ground water LCS plan for 2024

- 1. New Baseline Numbers Since the Water Board set new base lines of 30-33 inches for pasture and alfalfa, this new baseline has put my crops in jeopardy. Irrigated pasture needs at least this much water, if not more to survive. But then to reduce it by 30% is not feasible in some circumstances. These numbers should be higher than alfalfa. We are trying to grow pasture from April-Nov. Pasture also has a much more shallow root structure than alfalfa, leaving it more susceptible to stress and even complete dying off of pasture, where alfalfa would go into dormancy from dryness. These baseline numbers should have been discussed with all producers before moving forward.
  - a. Pasture irrigation differs in all parts of Scott Valley, depending on soil type, temperature, and irrigation methods. Flood irrigation is our primary irrigation method on most of our pasture. Flood takes the same amount of water each irrigation to insure water getting from the top of the field to the bottom. You cannot speed up your set time, or put on fewer inches. By putting on less water, or speeding up your time, the water would only get half way down the field. This would result in complete non irrigation of that part of the field and result in death of pasture which we will not allow.
  - b. I am asking for an exemption on certain fields that still show a savings of 30% from 2020, but cannot meet these extreme new base line numbers.
- 2. Metering requirements The addition of metering requirements has raised huge concerns, frustration, and worry among the farmers and ranchers. As I pointed out during the meeting with the water board, the complexity, cost, time and effort associated with installing a meter on an existing well manifold would be infeasible in most circumstances. We do have 2 meters that are in place on 2 wells; however we would not be able to give daily flow meter numbers. Once again the assumption of the water board on how a working farm and ranch operates is not comparable to reality of how

it operates. I would have to hire another employee simply to go around from well to well to record flow numbers every day. We are sometimes miles and miles away, working, doing other things. It isn't as convenient as the board makes it sound.

- a. We are asking for an exemption on other well meters because of cost, time, and possible damage to irrigation system to installing meters.
- b. We are asking for an exemption to daily reporting on the 2 meters that we do have because of infeasible time, effort and personal required for daily monitoring. We would propose weekly monitoring.

Thank you for taking in our considerations, frustrations and fears about this 2024 season. More and More regulation does not equal more water! We need to all work together to come up with solutions.

Sincerely,

Nick Jenner

Jenner Cattle Co. Inc.

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		Jenner (	Cattle Co.	nc. Water Savings Plan For 2024																													
2020 season							Water i		month in acre/				Water Used	2024 season							month in					Water Us	ed						
Site Number	Acres	Crop	Method	Factors	April	May	June	Ju	ily Augus	it Sep	pt	Oct		Site Number	Acres	Crop	Method	Factors	April May	Jun	e Jul	<u>v</u> 1	August	Sept	Oct								
1-03		45 pasture	flood	1000gal/minX8days 9 days in Jul-sept	35.40				38.00			35.40		0 1-03		45 pasture	pivot	1.5"x45=5.62acreft/pass	5.62 11			16.87			7 11.		95.6						
1-07		57 Alfalfa	pivot	2.25"x57=10.68acreft/pass	10.61	8 21	.37	21.37			32.04			1 1-07		57 Alfalfa	pivot	2"x57=9.5acreft/pass		19	19	28.5	28.5	28.5	5		133						
1-08		40 Alfalfa/grass		2.25"x40=7.5acreft/pass	7.5	5	15	22.5		22.5	22.5			5 1-08		40 grain	pivot	2"x40=6.66acreft/pass	6.66 6.		13.33	0	(		٥		5.65						
1-10		43 Alfalfa/grass		2.25"x43=8.06acreft/pass	8.0			24.18	24.18			24.11		8 1-10		43 alfalfa	pivot	2"x43=7.16acreft/pass	0 14.			14.33					1.48						
1-11		43 Alfalfa/grass	pivot	2.25"x43=8.06acreft/pass	8.06			24.18	24.18		24.18			8 1-11		43 Alfalfa/grass	pivot	2"x43=7.16acreft/pass	0 14		14.33	21.5	21.5				8.16						
1-12		18 pasture	flood	1000gal/minX4days	17.3			17.7		17.7	17.7			9 1-12		18 pasture	pivot	1.5"x18=2.25acreft/pass		4.5	4.5	6.75	6.75				36						
1-13		29 alfalfa	flood	1500gal/minX6days	33.16	6 33	.16	33.16	33.16	33.16	33.16	33.16	232.1	2 1-13		29 alfalfa	flood	1500gal/minX3days Leveled	0 19	9.9	19.9	19.9	19.9	19.9	9	0	99.5						
				1000gal/min or 1.5" NOTE: surface water was also applied														1.5"x19=2.37acreft/pass 0r 1000gal/min NOTE: surface															
				on the highlighted fields (I-148, I-15, I-16A, 1-16B).														water will also be applied on the highlighted fields (I-14B, I-															
				However, only the applied groundwater amounts are														15, I-16A, 1-16B) in April-June. However, only the applied															
1-14B		19 alfalfa	flood & pivot	listed in this plan.	10.	2 1	0.2	10.2	12	12	12	7.1		2 1-148		19 alfalfa	pivot&flood	groundwater amounts are listed in this plan.	10.2 10			7.12					5.71						
1-15				1000gal/min or 1.5"	20.				20.3										20.3 20								5.26						
1-16A		39 pasture		1000gal/min or 1.5"	26.			26.2		26.2	26.2			4 1-16A		39 pasture	pivot&flood	1.5"x39=4.87acreft/pass	26.2 26		26.2						6.21						
1-168		26 pasture		1000gal/min or 1.5"	20.			20.1			9.75			3 1-168		26 pasture	pivot&flood		20.1 20							5.5 91	5.05 80						
1-20		40 pasture	flood	1000gal/min X 7days	30.97			33		33		30.93		1 1-20	-	40 pasture	pivot	1.5"x40=5acreft/pass		10	15	15					80						
1-21		14 pasture	flood	1000gal/min X 2 days	8.8	5 8	.85	8.85	8.85	8.85	8.85	8.8	61.9	5 1-21	-	14 pasture	pivot	1.5"x14=1.75acreft/pass	1.75 3	3.5	5.25	5.25	5.25	5.2	5 1.	75	28						
-			1				_							0	-		1		l	_					-	_	0						
2-01		42 alfalfa	wheel line	283 acre ft/acreX42acres=11.88/pass	23.			23.77	35.4			11.8		2 2-01		42 alfalfa	wheel line	.283 acre ft/ acre X42acres=11.88/pass	11.88 23.			23.77	23.77			0 10							
2-02		50 alfalfa 55 alfalfa	wheel line	283 acre ft/ acre X60acres=16.98/pass	33.9			33.96 37.15	50.94 37.15		50.94			8 2·02 5 2·03	-	60 grain	wheel line	.283 acre ft/ acre X60acres=16.98/pass	16.98 33. 37.15 37.		33.96 37.15	0				0 1	34.9						
			flood	1200gal/minX7days							37.15					55 grain	flood	1200gal/minX7days				0			0							_	
2-04		35 alfalfa	flood	1200gal/min X 5days	26.54			26.54	26.54		26.54			8 2-04		35 alfalfa	flood	1200gal/min X 5days	26.54 26.		26.54	26.54				0 15							
2-05	1	50 pasture	flood	1200gal/min X 10days	53.01			53.08		53.08	53.08			<mark>6</mark> 2-05		60 pasture	flood	1200gal/min X 10days	0 53.		53.08	53.08	53.08				55.4						
2-06		77 alfalfa/grass	flood	1200gal/min X 12 days	63.3	7 6	3.7	63.7	127.4	27.4	127.4	63.3	63	7 2-06		77 alfalfa/grass	flood	1200gal/min X 8 days	0 42.	.47	42.47	42.47	42.47	42.43	7 42.	47 254	1.82					_	
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		27 alfalfa	flood	2000gal/min X 3 days		5 2	6.5	26.5		26.5						27 alfalfa	flood	2000gal/min X 3 days			26.5	26.5	26.5			0	159						
3-01B		23 alfalfa	flood	2000gal/min X 2.5 days	22.01			22.08		22.08	22.08			6 3-01B		23 alfalfa	flood	2000gal/min X 2.5 days	22.08 22.0		22.08	22.08	22.08			0 13							
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		55 alfalfa	flood		20 1			39.8		39.8						65 alfalfa	flood				33.1	0	15		5		4.3						
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3-06		32 alfalfa	flood	1500gal/min X 4 days	26.5			26.53				26.5		1 3-06		32 alfalfa	flood	1500gal/min X 4 days	26.53 26.		26.53	26.53				0 15							
3-06A		25 alfalfa	flood	1500gal/min X 3 days	19.9			19.9		19.9	19.9			3-06A		25 alfalfa 22 alfalfa	flood	1500gal/min X 3 days	19.9 19		19.9	19.9					19.4					_	
3-07		22 alfalfa	flood	1500gal/min X 3 days	19.9	9 1	9.9	19.9	19.9	19.9	19.9	19.9	139.	3 3 07		22 alfalfa	flood	1500gal/min X 3 days	19.9 19	9.9	19.9	19.9	19.9	19.9	9	0 1	19.4						
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P.O. Box 591 ~ Etna, CA 96027 530-643-2395 <u>scottwatertrust@gmail.com</u>

Month, Day, Year

#### 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: Jenner Cattle Co. Inc.

Owner of property (if different): 2004 Jenner family limited partnership Leaseholder of property (if different): beaver valley cattle, Patty Damerau 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.

k Jenner

4/9/2024

Nick Jenner (Apr 9, 2024 06:30 PDT) ► Applicant signature

Date:

Christopher Voigt

Scott River Water Trust signature

Date: 4/8/2024

# SRWT\_LCS\_2024\_eSignature\_revised\_V2

Final Audit Report

2024-04-09

Created:	2024-04-08
By:	Christopher Voigt (chrisb.voigt@gmail.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAARJvmQWwg4exDTJ89idl5lhSklcnm9wqJ

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- Agreement completed.
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