

GIACOMELLI RANCH

May 16, 2022

State Water Resources Control Board
1001 I St. Sacramento, CA 95814

Re: Local Cooperative Solution- Giacomelli Ranch

To Deputy Director:

As authorized by 23 CCR §§ 875(f)(4)(D), Giacomelli Ranch is providing this letter to further describe its proposed local cooperative solution (LCS) for the 2022 irrigation season.

Introduction

The Giacomelli Family Revocable Living Trust of February 17, 2014 (Giacomelli Ranch) owns approximately 120.10 acres of irrigated land (alfalfa and permanent pasture) located in the Scott River water shed. We raise high quality alfalfa, orchard grass hay and grass-fed cattle. Siskiyou County soil and parcel maps of land owned by our trust are attached. The 120.10 irrigated acres are irrigated by wheel lines, irripods, and a pivot using two ground irrigation water wells. Water rights consist of overlying and adjudicated flood water rights monitored and controlled by the Scott Valley Irrigation District. No adjudicated surface water will be substituted for the groundwater reductions listed out in this plan.

Conservation Efforts and Improvements

1. Fall 2021 Forbearance Measure Taken: Voluntary Action Plan, we ceased full irrigation by September 15, 2021. Ceasing to irrigate will have an undisclosed cost base on the fact that our pastures and hay fields will produce inferior feed and less quantity, forcing us to feed inferior feed and seek out more expensive off-site feed options for our cattle. Our costs for 2022 power, fertilizer, spray, fuel, and labor have increased immensely from previous years. Our ranch production will be reduced with less water. This will put our and others small family ranches and lively hoods at great financial risk. It appears prejudicial that ranchers and farmers are subject to a 30% + loss of income and others using water in cities etc. lose lawns and landscaping but not their livelihood. All while we pay more in production costs and receive less for our goods without compensation. Cost for everyone's food goes up and shortages continue to grow.
2. Proposed Actions: To meet the Local Cooperative Solution (LCS) of 30% water use reduction Giacomelli Ranch is proposing taking the following steps.

Field Listing per soils map:

1. 22 acres dry land pasture. Not irrigated
2. 19.5 acres grass pasture. Adjudicated flood water. Handlines with 30% reduction nozzles. Big Gun runs once per week.

3. 8.2 acres orchard grass. Wheel line irrigated with new 30% reduction nozzles.
4. 3.3 acres irrigated pasture. Irripods irrigated reduced to 10-hour sets July to October 2022.
5. 6.8 acres irrigated pasture. Irripods irrigated reduced to 10-hour sets July to October 2022.
6. 14.3 acres dry land pasture. Not irrigated.
7. 39 acres orchard grass. Wheel line irrigated with 30% reduced nozzles. Run at 55 PSI,
8. 33.3 acres alfalfa. Pivot irrigated at 6% application for 2022. 10 acres corner watered with wheel line with 30% reduced nozzles. Total of 43.33 acres irrigated alfalfa.
9. 36.7 acres dry hill grazing. Not irrigated.
10. 21.1 acres dry land triticale. Has adjudicated water.

a. We will be dropping our operating pressure from 65psi and cutting our irrigating times from 11.5 hours per set ran 2 times daily. Now we will run at 55psi for 10 hours (2 times daily) on all our wheel line and handline acreage which is 76.7 (2022) acres. The 33.3 (2022) acres of alfalfa under pivot was run at the application rate of 4% or 1.96 inches. We are reducing the application rate to 6% or 1.30 inches. This will lead to an approximate 34% savings over 2021. We also changed out our wheel line and handline sprinkler nozzles from 3/16-inch 65psi for 7.2 g.p.m and installed 5/32-inch nozzles delivering approximately 5 g.p.m which is an approximate 30% reduction (see attached letter from Scott River Pump and copy of power bill).

b. Alfalfa field is 33.3 acres under pivot with 10 acres under wheel line. Wheel lines and handlines irrigate approximately 47.2 acres of orchard grass hay and 10 acres alfalfa; and all have been fitted with new nozzles for 2022 with an expected reduction of approximately 30%. Irripods irrigate 3.3 acres and 6.8 acres of grass pasture. In 2021 we ran 20 hour sets on the irripods. We will run them for 10-hour sets July through October 2022. All corner wheel lines were run at 4 sets per cutting in 2021. We will run them at 3 sets per cutting for 2022.

c. The Coordinating Entity to ensure implementation of the LCS will be a contractor with the Siskiyou RCD for the 2022 irrigation season. Giacomelli Ranch will keep records of when irrigation sets start and end along with meeting with RCD twice per month for verification. Siskiyou RCD will have access to pressure gauges at all sites to verify that systems are running at the specified 55psi. Visual review may be seen from the road with observation of irrigation practices. Should the RCD discover via review of our information on a monthly basis that our reduction in water use is greater than the 30%, adjustments shall be made with their guidance to protect our ranch and still meet the 30% curtailment with proper documentation of any necessary changes to this submitted plan.

Though this proposal is under the 400-acre minimum required by the LCS, it is being proposed with the understanding additional acres will be added under separate binding agreement with additional parties, such that the total will meet or exceed the 400-acre minimum for State Water Resources Control Board Approval, should it be required. We are partnering with the California Heritage Farms, LLC (Harris Brothers, Fort Jones, CA) to meet the 400-acre requirement.

3. Please note that this plan is offered in good faith in connection with the 2022 irrigation season only. All rights, claims and defenses with regard to the matters described herein are hereby expressly reserved. Moreover, and as this plan is offered voluntarily (without any current legal obligation to undertake the matters described herein), should any governmental or NGO funds later become available for any forbearance or improvement efforts to which the Giacomelli Ranch would otherwise be entitled, nothing herein shall be construed to limit the availability of

such funds to the Giacomelli Ranch provided that we materially perform the 2022 undertakings described herein. Water saved under this proposal will not be transferred to parcels not included under the LCS and we will not knowingly or intentionally otherwise take actions outside of the LCS that diminish, in any material way, the overall thirty percent reduction established by this proposal.

4. It is important to note that these proposed water conservation measures will greatly impact our overall crop production, decrease our operations income, and limit our ability to implement additional healthy soil practices as well as impact the overall economy of Scott Valley. Please timely advise as to your decision on the acceptability of this plan in lieu of regulatory curtailment as contemplated by Title 23, Article 23.5, Section 875 and thank you for your consideration in this matter.

Please feel free to contact me with any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jerry Giacomelli". The signature is written in black ink and is positioned above the printed name.

Giacomelli Ranch
Jerry Giacomelli, Trustee/Owner

Amendment to original Giacomelli Ranch submission of May 16, 2022

Answers to questions from Kevin DeLano from 7/1/2022

Pivot:

How many pivot applications did you run per month in 2020 vs are planned for 2022?

We have one pivot currently, and we are running it at basically the same applications as 2020, 2021, and 2022. It takes approximately 40 hours for a full circle irrigation at the increased speed for 2022 vs approximately 60 hours in previous years. The change to reduce water usage for 2022 was speeding up the pivot. Each year is different as far as amount irrigated each month depending on the weather, early spring rains so we don't have to start irrigation as soon, temperature, and length of time it takes for hay to grow until it is ready for harvest. Water is shut down and hay is harvested over about a 2-week period every 1 ½ months or so. So, we irrigate for 5 months but with the shutdowns for harvest we only irrigate about 3.5 months for the hay and pastures.

Wheel lines and handlines:

How many wheel line and handline acres did you irrigate in 2020 vs are planned for 2022? This has been corrected in the narrative to 76.7 acres. Consisting of 19.5 grass pasture, 8.2 acres orchard grass, 39 acres orchard grass, and 10 acres alfalfa.

What is the total number of nozzles on your wheel lines and handlines?

Wheel line nozzles total = 51

Handline nozzles total = 35

Pivot = 80

Irripods = 17

How many wheel line sets do you run per month in 2020 vs are planned for 2022? Two sets per day as before but shorter sets. Every 1 ½ months water is shut down for about 2 weeks for harvesting of hay. So, some months its 60 on ave sets and some months its less due to the two-week shutdown.

Irripods:

How much water do irripods provide in a 20-hour set vs a 10-hour set?

The nozzles were 9/64" and used 18.75 gpm @45 PSI. We just changed to the 7/64" nozzles on 7/4/2022 and now the pods use 11.25 gpm @ 45 PSI per the manufacture information sheet.

How many irripods sets do you run per month? We run two sets per day. They are shut off the same time as the other irrigation for hay harvest.

Period	Usage(kwh)	Average Temperature	Billing total	Giacomelli Ranch
Jun-22	20334		59.83 \$2,434	
May-22	12340		51.23 \$1,606	
Apr-22	7385		45.4 \$1,104	
Mar-22	87		44.22 \$105	
Feb-22	33		41.41 \$10	
Jan-22	49		37.02 \$11	
Dec-21	43		39.37 \$10	
Nov-21	39		44.98 \$1,297	
Oct-21	43		52.76 \$5	
Sep-21	12737		65.4 \$1,716	
Aug-21	24213		72.03 \$2,894	
Jul-21	28423		75.3 \$3,286	
Jun-21	19085		64.59 \$2,339	
May-21	22687		55.22 \$2,707	
Apr-21	12821		49.55 \$1,694	
Mar-21	1		39.28 \$7	
Feb-21	26		37.09 \$3	
Jan-21	34		36.44 \$10	
Dec-20	39		36.86 \$10	
Nov-20	31		44.42 \$1,237	
Oct-20	2797		60.59 \$558	
Sep-20	19854		67.41 \$2,345	
Aug-20	24791		71.3 \$2,830	
Jul-20	27729		69.73 \$3,100	
Jun-20	1463		61.33 \$147	

Pacific Power

BINDING AGREEMENT



SISKIYOU RESOURCE CONSERVATION DISTRICT

P.O. Box 268, Etna, CA 96027

PHONE (530) 467-3975 FAX (530) 467-5617

Email: sisqrcd@sisqtel.net

Website: www.siskiyougcd.com

Binding Agreement

Contractor Contact Information:

<i>Business:</i>	Siskiyou RCD
<i>Contact Person:</i>	Chris Vaigt
<i>Address:</i>	P.O. Box 268 / 450 Main St
<i>Phone:</i>	530-467-3975
<i>Email:</i>	Chris@siskiyougcd.com

Landowner Contact Information:

<i>Business:</i>	GIACOMELLI RANCH
<i>Contact Person:</i>	JERRY GIACOMELLI
<i>Address:</i>	[REDACTED]
<i>Phone:</i>	[REDACTED]
<i>Email:</i>	[REDACTED]

Background

Under the 2021 drought emergency regulation instated by the State Water Resources Control Board (SWRCB) that established drought emergency minimum flows in the Scott River, a Local Cooperative Solution (LCS) may be proposed by individuals or groups to submit by petition to the Deputy Director of the SWRCB as an alternative means of reducing water use to meet or preserve drought emergency minimum flows and provide fishery benefits, in lieu of curtailment. This binding agreement between the (Landowner) and Siskiyou Resource Conservation District (SRCD) will monitor the SRWCB approved LCS to achieve 1) a net reduction of water use of 30 percent throughout the irrigation season; and 2) a monthly reduction of at least 30 percent in the July through October 31 period, as compared to 2020.



SISKIYOU RESOURCE CONSERVATION DISTRICT

P.O. Box 268, Etna, CA 96027

PHONE (530) 467-3975 FAX (530) 467-5617

Email: sisqred@sisqtel.net

Website: www.siskiyougcd.com

Recitals

1. Section 875(f)(4)(D) of the drought emergency regulation provides a specific type of LCS that was determined to be sufficient for approval by the Deputy Director;
2. For overlying or adjudicated groundwater diversions for irrigated agriculture described in sections 875.5(f)(4)(D)(i)-(iii) [Scott River], the Deputy Director may approve a groundwater-basin-wide, groundwater sub-basin-wide, or any number of individual local cooperative solutions totaling at least 400 acres where:
 - i. The proposal is based on a binding agreement. "Such binding agreement may be made with a coordinating entity with the expertise and ability to evaluate and require performance of the agreement, for example with the California Department of Fish and Wildlife (CDFW), the National Marine Fisheries Service, the Scott Valley and Shasta Valley Watermaster District, a non-profit organization with expertise and experience in water-saving transactions or similarly qualified entity."
 - ii. For the Scott River: "The proposal provides at least: 1) a net reduction in water use of 30 percent throughout the irrigation season (April 1-October 31), as compared to the prior irrigation season; and 2) a monthly reduction of at least 30% in the July 1 through October 31 period, as compared to the prior year or 2020. Such reduction may be demonstrated by evidence that provides a reasonable assurance that the change in farming practice or other action results in at least the relevant proportionate reduction. Such evidence may include but is not limited to: pumping reports; actions that will be taken to reduce water use; estimation of water saved from conservation measures or changes in irrigation or planting decisions; and electric bills."

Proposed Local Cooperative Solution: *(Specific action plan to be completed by landowner, see attached LCS application form)*



SISKIYOU RESOURCE CONSERVATION DISTRICT

P.O. Box 268, Etna, CA 96027

PHONE (530) 467-3975 FAX (530) 467-5617

Email: sisqrcd@sisqtel.net

Website: www.siskiyourcd.com

Binding Agreement Terms

The Landowner is required to adhere to the LCS, as approved by SWRCB. The Landowner has requested that SRCD serve as the coordinating entity. As such, both parties agree to the following:

- For the duration of this binding agreement where SRCD is the coordinating entity, the Landowner shall give SRCD the right to reasonably access the included parcels for the limited purpose of verifying execution of the LCS. Any individual not directly employed or contracted by SRCD shall provide pre-notification to, and shall obtain approval by the Landowner before accessing the property,
- SRCD will strive to notify the Landowner a day in advance of visiting the parcels and shall provide the Landowner or designee the ability to participate in monitoring activities,
- It is anticipated that SRCD representatives will visit the property approximately twice per month to monitor the approved LCS, unless inadequacies are discovered, in which case additional field visits will occur until inadequacies are rectified. A monitoring inspection may include verification of any or all of the actions described in the conservation plan and may include inspection checklist/notes/reports and photo verification,
- SRCD will submit the information regarding the verification materials and actions described in this agreement, and conservation plan incorporated by reference, to the State Water Board upon request, for the purposes of verifying compliance with the LCS,
- This binding agreement is not intended to preclude, harm, or otherwise interfere with the landowner's ability to secure any funding to mitigate the financial impacts imposed by the emergency regulation or proposed conservation practices. SRCD supports the use of funding programs to ameliorate the costs of implementing the conservation practices described in the proposed conservation plan: planning and cooperation under a voluntary LCS should not undermine the ability to receive such funding,
- This binding agreement may be terminated by either party at any time. Both parties agree to take reasonable measures to resolve any concerns related to the performance of the LCS, negative interpersonal interaction, or any unforeseen circumstance prior to invoking termination,
- As the irrigation season unfolds, there may be reason to change the terms of the LCS or this binding agreement with respect to its implementation and verification. Any such changes to the LCS or service agreement will need to be agreed upon by the Landowner



SISKIYOU RESOURCE CONSERVATION DISTRICT

P.O. Box 268, Etna, CA 96027

PHONE (530) 467-3975 FAX (530) 467-5617

Email: sisqrcd@sisqtel.net

Website: www.siskiyourcd.com

and SRWCB. If a Landowner requests SRCD assistance with an updated LCS, the SRCD and Landowner will enter into a new Binding Agreement and,

Payment

In consideration for the services to be performed by SRCD, the Landowner agrees to pay SRCD at the rate of \$75.00 per hour for initial consultation and \$75.00 per hour for all services rendered after signing of the binding agreement.

Expenses

The Landowner will reimburse SRCD for expenses that are attributable directly to work performed under this Agreement. Any expenses incurred will be approved by the Landowner beforehand. SRCD will submit an itemized statement of Contractor's expenses attached with invoicing.

Terms of Payment

Upon completion of SRCD services under this binding agreement, the SRCD will submit an invoice. The Landowner will pay SRCD the compensation described within 30 days of receiving SRCD's invoice.

Term of Agreement

This agreement will become effective when signed by both parties and will terminate on:

- November 1, 2022, or
- The date a party terminates the binding agreement.
- Monitoring information will be collected by the SRCD and shared with State Water Board as a field report in accordance with their reporting schedule or upon request
- SRCD is not authorized to and will not distribute data or other information regarding work done under this contract to any third party without previous written approval by the Landowner
- Landowner agrees that water saved under the LCS will not be transferred to parcels not included under the LCS, and Landowner will not knowingly or intentionally otherwise take actions outside of the LCS that diminish, in any material way, the overall thirty percent reduction established by the actions described in the LSC



SISKIYOU RESOURCE CONSERVATION DISTRICT

P.O. Box 268, Etna, CA 96027

PHONE (530) 467-3975 FAX (530) 467-5617

Email: sisqrcd@sisqtel.net

Website: www.siskiyourcd.com

Signatures

Chris Vajnt

SRCD Representative

5/17/2022

Date

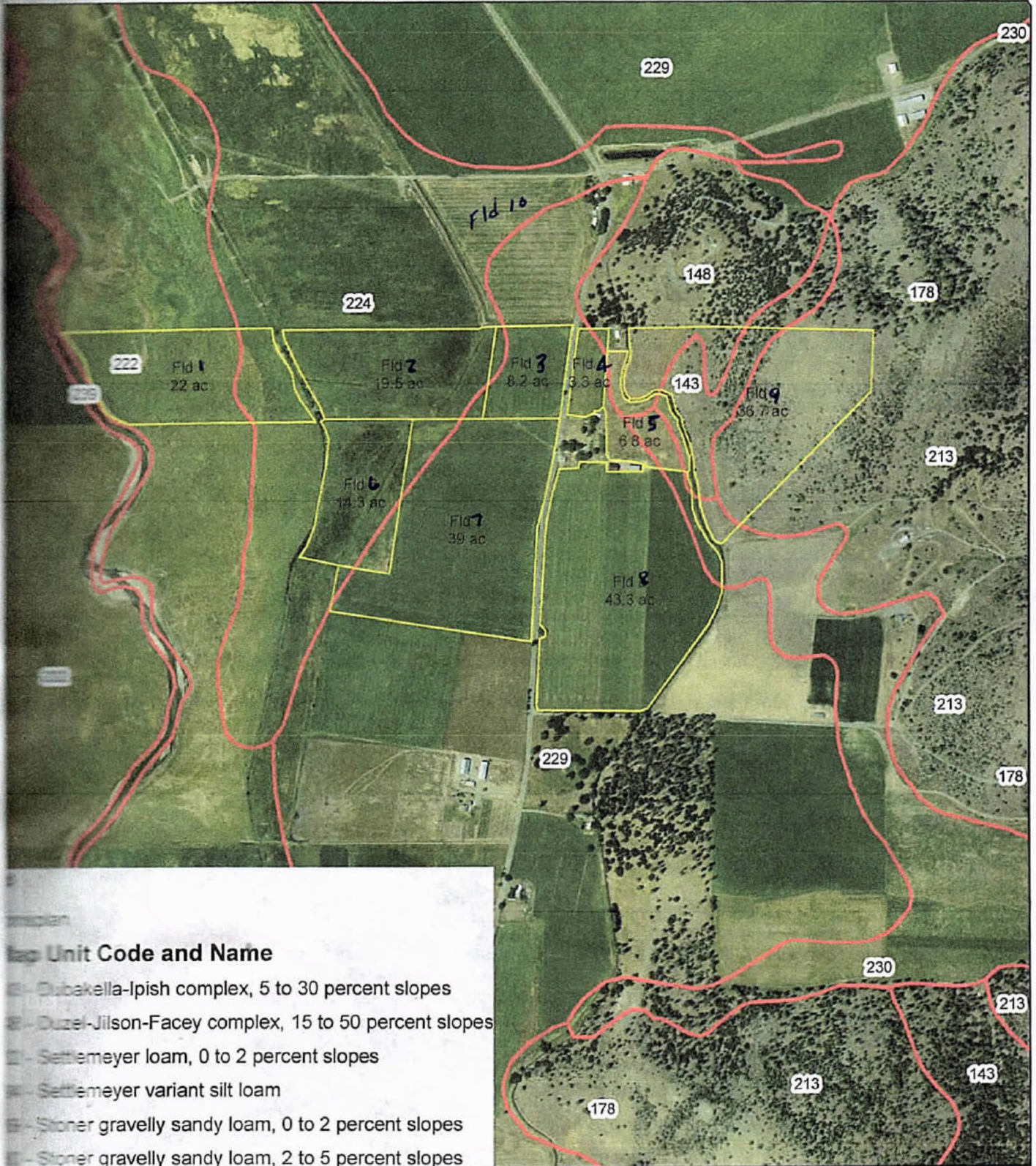
[Handwritten Signature]

Landowner

5/17/2022

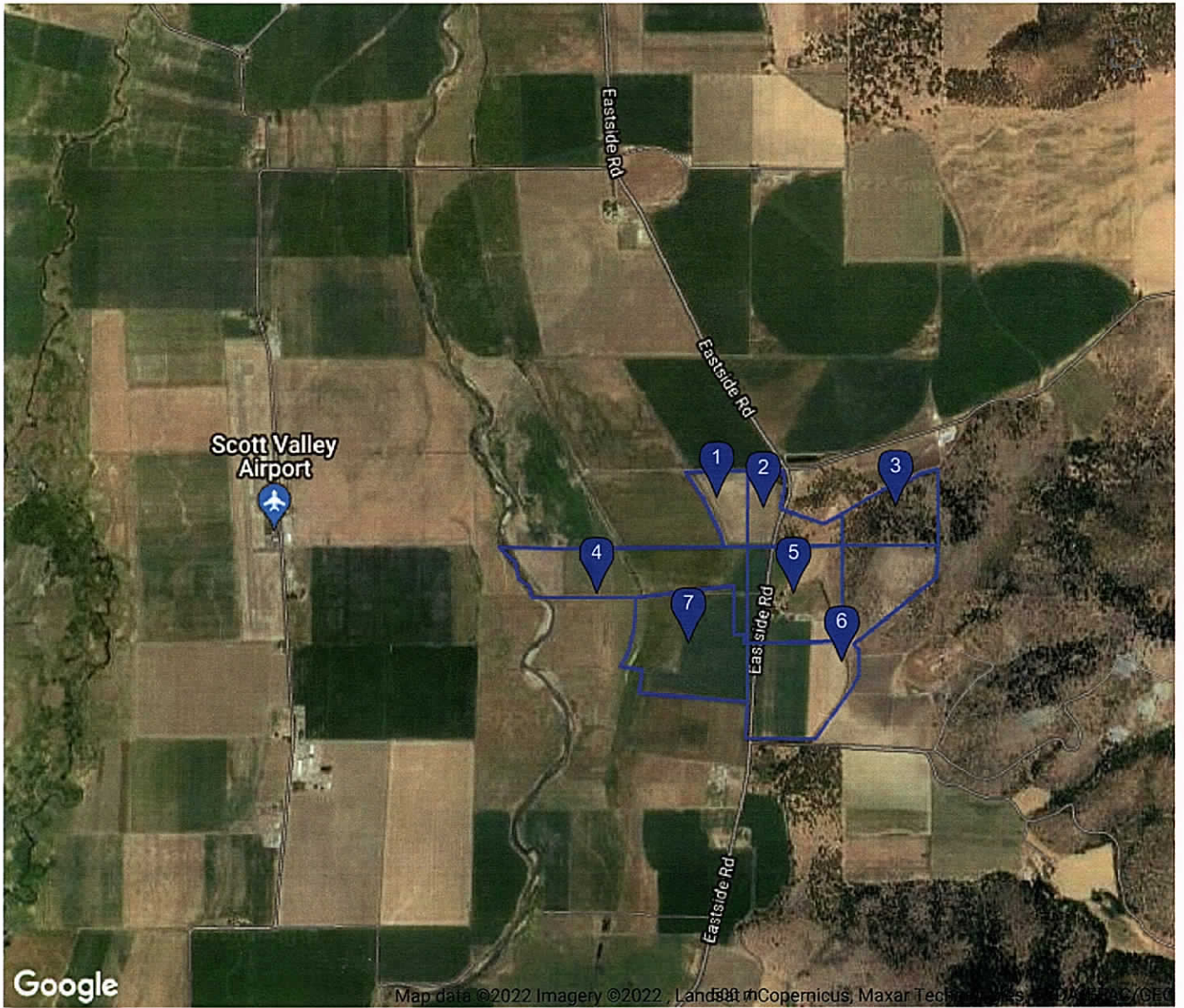
Date

SUPPORTING INFORMATION



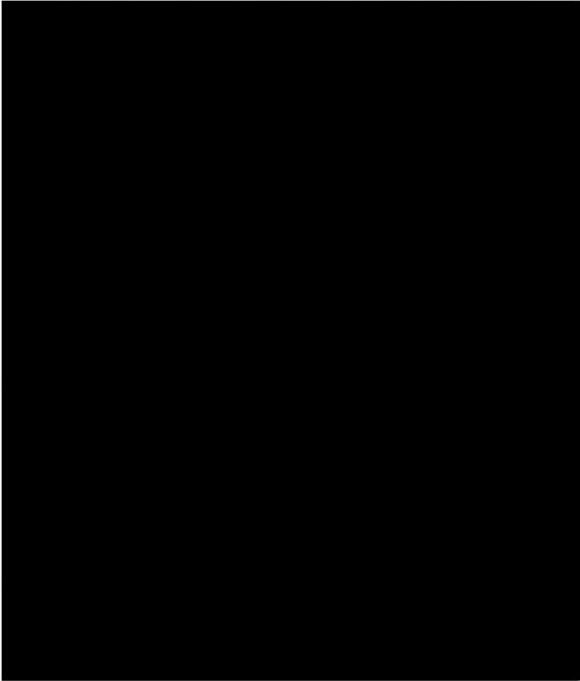
- Map Unit Code and Name**
- 01- Dubakella-Ipish complex, 5 to 30 percent slopes
 - 02- Duzel-Jilson-Facey complex, 15 to 50 percent slopes
 - 03- Settemeyer loam, 0 to 2 percent slopes
 - 04- Settemeyer variant silt loam
 - 05- Stoner gravelly sandy loam, 0 to 2 percent slopes
 - 06- Stoner gravelly sandy loam, 2 to 5 percent slopes





Google

Map data ©2022 Imagery ©2022, Landsat, Copernicus, Maxar Technologies, Airbus, GEBCO

<input checked="" type="checkbox"/>	id	Co	APN ^	Owner	S Street Address	S City State Zip
<input checked="" type="checkbox"/>	<u>1</u>	SIS	024-180-400-000	GIACOMELLI GERALD E & ELIZABETH M TRUSTEE		
<input checked="" type="checkbox"/>	<u>2</u>	SIS	024-180-410-000	GIACOMELLI GERALD E & ELIZABETH M TRUSTEE		
<input checked="" type="checkbox"/>	<u>3</u>	SIS	024-180-420-000	GIACOMELLI GERALD E & ELIZABETH M TRUSTEE		
<input checked="" type="checkbox"/>	<u>4</u>	SIS	024-190-230-000	GIACOMELLI GERALD E & ELIZABETH M TRUSTEE		
<input checked="" type="checkbox"/>	<u>5</u>	SIS	024-190-240-000	GIACOMELLI GERALD E & ELIZABETH M TRUSTEE		
<input checked="" type="checkbox"/>	<u>6</u>	SIS	024-190-260-000	GIACOMELLI GERALD E & ELIZABETH M TRUSTEE		
<input checked="" type="checkbox"/>	<u>7</u>	SIS	024-190-390-000	GIACOMELLI GERALD E & ELIZABETH M TRUSTEE		



& Irrigation, Inc.

11231 North Highway 3, Fort Jones, Ca. 96032

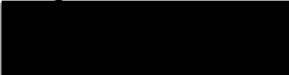
Ph.# (530) 468-2916 Fax# (530) 468-2928

Ca. Lic# 851271 E-mail srp@sisqtel.net

Visit our website: ScottRiverPump.com

May 13, 2022

Jerry Giacomelli



RE: Sprinkler nozzles

To whom it may concern,

In April of 2022 Mr. Giacomelli purchased nozzles from us for his wheeline sprinklers to cut his water usage by 30%. He was currently using 3/16" nozzle at 50psi which would deliver approximately 7.2gpm. He purchased 5/32" nozzles which should deliver approximately 5gpm which should represent an approximately 30% reduction in water usage.

Thank you,

Wendy Smith
Scott River Pump

Giacomelli [REDACTED] Irrigation pump use 2 years history

Period	Usage(kwh)	Average Temperature	Billing total
Apr-22	7385	45.4	\$1,104
Mar-22	87	44.22	\$105
Feb-22	33	41.41	\$10
Jan-22	49	37.02	\$11

2022

Dec-21	43	39.37	\$10
Nov-21	39	44.98	\$1,297
Oct-21	43	52.76	\$5
Sep-21	12737	65.4	\$1,716
Aug-21	24213	72.03	\$2,894
Jul-21	28423	75.3	\$3,286
Jun-21	19085	64.59	\$2,339
May-21	22687	55.22	\$2,707
Apr-21	12821	49.55	\$1,694
Mar-21	1	39.28	\$7
Feb-21	26	37.09	\$3
Jan-21	34	36.44	\$10

Totals

120152 \$15,968

2021

Dec-20	39	36.86	\$10
Nov-20	31	44.42	\$1,237
Oct-20	2797	60.59	\$558
Sep-20	19854	67.41	\$2,345
Aug-20	24791	71.3	\$2,830
Jul-20	27729	69.73	\$3,100
Jun-20	1463	61.33	\$147
May-20	14042	53.67	\$1,799
Apr-20	12652	46.17	\$1,672

Totals

103398 \$13,698

2020



MY ACCOUNT

OUTAGES & SAFETY



SAVINGS & ENERGY CHOICES

My Account

Pay my bill

Energy usage

Smart meters

Billing & payment history

Billing options

Start, stop or move

Manage account

Energy usage

View and manage your energy usage to lower your bill and save.

Electric Account

Irrigation

Active

+ SHOW DETAILS

ABOUT YOUR SMART METER

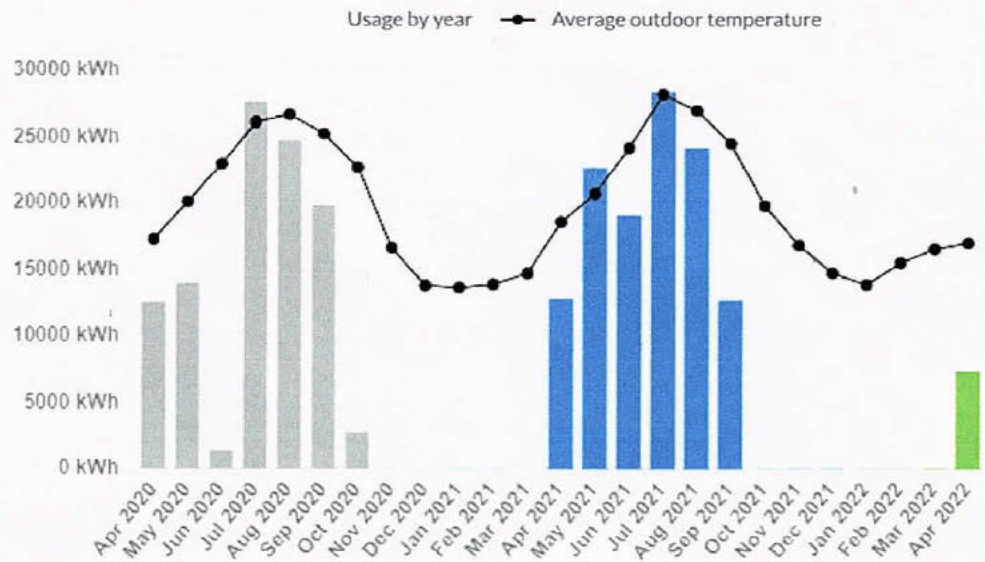
Viewing options:

My usage at:



For period Two Year

of



NOTE: Dollar amounts apply only to metered services based on usage and does not include other fees. Billing total may not add up when data is unavailable. Amounts greater than \$1 are rounded to the nearest dollar.



DOWNLOAD GREEN BUTTON DATA

DOWNLOAD USAGE HISTORY

Access your usage information to provide to a third party or for use with applications to evaluate your energy use. The "Download usage history" link is a file you can read. Download Green Button data for use with software applications (machine readable).

		Jerry & Elizabeth Giacomelli [REDACTED]		
SUMMARY			Sheet #1	
Total Irrigated Seasonal Acreage:	120.1			
Alfalfa Pivot Acreage:	33.3			
Wheeline/ handline Acreage:	76.7			
Irripods	10.1			
Total AF 2020 All Acres: (NON BINDING BASELINE ESTIMATE FOR DISCUSSION PURPOSES ONLY)	853.72			
Total Monthly AF (avg) 2020:	142.29			
	Total 2020 Estimated Monthly (AF)	Total Estimated 2022 Monthly Reduction (AF)	Total 2022 Estimated Monthly (AF)	Estimated Reduction %
April	127.55	22.36	105.19	17.53%
May	127.55	22.36	105.19	17.53%
June	127.55	30.60	96.95	23.99%
July	127.55	65.11	62.44	51.05%
August	127.55	56.87	70.68	44.59%
September	127.55	56.87	70.68	44.59%
October [No Irrigation]	88.42	45.69	42.73	51.67%
Totals	853.72	299.87	553.86	35.12%

ALFALFA PIVOT	Giacomelli	Sheet #2		
Total Alfalfa Pivot Acres:	33.3	33.3 acres*1.96" applied/12 inches per foot		
Alfalfa Pivots % Total Acres:	27.73%	33.3 acres*1.3" applied/12 inches per foot		
Pivot application rate 2021 (inches/application)	1.96			
Pivot application rate 2022 (inches/application)	1.96			
Pivot application rate 2022 (inches/application) June-July only	1.3			
Pivot applications per month 2021	4.5			
Pivot applications per month 2022	4.5			
	2020 Pivot AF (baseline)	2022 Reduction AF	2022 Pivot (AF)	
April	24.48	0.00	24.48	
May	24.48	0.00	24.48	
June	24.48	8.24	16.23	
July	24.48	8.24	16.23	
August	24.48	0.00	24.48	
September	24.48	0.00	24.48	
October*	12.24	0.00	12.24	
Sum	159.09	16.48	142.61	
*Irrigation ends in mid-October				

Wheel and Hand line			Giacomelli	Sheet #3		
Alfalfa Wheelline Acres:	66.7		0.87	percentage of wheelline that is not corners		
Alfalfa Wheelline Corner Acres	10.0		0.13	percentage of wheelline that is corners		
Alfalfa Wheelline % Total Acres:	55.54%					
Wheelline Gallons Per Minute 2021: (3/16" nozzle @ 65 psi = 7.2 gpm)	7.2					
Wheelline Gallons Per Minute 2022: (5/32" nozzles @ 55 psi = 5 gpm)	5					
Number of wheel and hand line nozzles	84					
2020 set duration (hours)	11.5					
2022 set duration (hours)	10					
Approximate sets per month 2021	42	70% of days per month				
Approximate sets per month 2022 for corners	31.5					
	2020 Alfalfa Wheelline AF (baseline)	2022 Alfalfa Wheelline Reduction AF	2022 Alfalfa Wheelline AF			
April	53.78	22.36	31.42			
May	53.78	22.36	31.42			
June	53.78	22.36	31.42			
July	53.78	22.36	31.42			
August	53.78	22.36	31.42			
September	53.78	22.36	31.42			
October*	26.89	11.18	15.71			
Sum	349.57	145.36	204.21			

Irripods	Giacomelli Jerry & Elizabeth Giacomelli	Sheet #4	
Total Irripods Acres :	10.10		
Irripods % Total Acres:	8.41%		
Irripod Gallons Per Minute 2021: (9/64" nozzle@ 45 psi = 18.75 gpm)	18.75		
Irripod Gallons Per Minute, starting July 4, 2022: (7/64" nozzles @ 45 psi = 11.25 gpm)	11.25		
Number of irripod nozzles	17		
2021 set duration (hours)	20		
2022 set duration starting July 1 (hours)	10		
Approximate sets per month	42	70% of days per month	
	2020 Irripods AF (baseline)	2022 Irripods AF Reduction	2022 Irripods AF
April	49.29	0.00	49.29
May	49.29	0.00	49.29
June	49.29	0.00	49.29
July	49.29	34.51	14.79
August	49.29	34.51	14.79
September	49.29	34.51	14.79
October	49.29	34.51	14.79
Sum	345.06	138.02	207.04