2005 Hurlimann Family Limited Partnership

[redacted]

March 31, 2022

State Water Resources Control Board

1001 I St.
Sacramento, CA 95814

2022 Local Cooperative Solution (LCS) Proposal

Deputy Director

This request is being submitted as a local cooperative solution (LCS) proposed alternative to the 2022 Scott River watershed curtailment drought emergency regulation as authorized by 23 CCR Section 875, subdivision (f)(4)(D).

BACKGROUND

The 2005 Hurlimann Family Limited Partnership (FLP) is the land owner of approximately 291 acres irrigated acres within the Scott Valley watershed. The operation was started in 1929 and is both a cattle ranch and farming entity which is operated by the Hurlimann Ranch, Limited Liability Corporation (LLC). The Hurlimann Ranch LLC leases the land from the 2005 Hurlimann Ranch FLP for the cattle and farming operation. It has remained in continuous operation by the Hurlimann family since starting in 1929.

The Hurliman Ranch LLC farms approximately 191 acres to grow alfalfa and small grain crops. Alfalfa and grain crops are rotated on a typical six-to-eight-year schedule depending on the health of the crop. The remaining 100 irrigated acres are used as seasonal pasture to support the cattle operation. Each of the fields and the current irrigation methods will be described in detail as well as the proposed conservation methods to achieve at least a 30% reduction as compared to the 2020 irrigation year.

Pending approval, the Siskiyou Resource Conservation District (RCD) will be the coordinating entity to oversee the proposed LCS conservation plan throughout the 2022 irrigation season.

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 a 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.

FIELD DESCRIPTON

Field 1: Field 1 is 62 acres with Overlying (OL) and Adjudicated (ADJ) water rights. The field crop is alfalfa and small grain rotation. Alfalfa is typically three crops and small grain hay is one crop. The field is typically irrigated by four ¼ mile wheel lines. Alfalfa is irrigated from April 1 to Sept 15 on 11-hour sets. The small grain hay crop is irrigated from April 1 to July 15 on 11-hour sets. Irrigation ceases during the two-week cutting (harvesting) time between alfalfa crops. Irrigation ceases one week prior to the grain hay cutting and does not resume for remainder of the irrigation season. The wheel lines typically run at 60psi pressure with approximately 28 sprinkler heads per line. Sprinkler heads use 7/32 nozzles.
Total approximate water usage on Field 1 per month is:

Field 1 (Acre Ft)						
April	May	June	July	Aug	Sept	Oct
149.72	119.78	74.86	99.81	149.72	74.86	0.00

Field 2: Field 2 is 57 acres with Overlying (OL) and Adjudicated (ADJ) water rights. The field crop is alfalfa and small grain rotation. Alfalfa is typically three crops and small grain hay is one crop. The field is typically irrigated by four ¼ mile wheel lines. An additional fifth wheel line of 14 sprinkler heads is used to irrigate a 3-acre triangle section as noted by the gray shaded area in the picture to the right. Alfalfa is irrigated from April 1 to Sept 15 on 11-hour sets. The small grain hay crop is irrigated from April 1 to July 15 on 11-hour sets. Irrigation ceases during the two-week cutting (harvesting) time between alfalfa crops. Irrigation ceases one week prior to the grain hay cutting and does not resume for remainder of the irrigation season. The wheel lines typically run at 60psi pressure with approximately 28 sprinkler heads per line. Sprinkler heads use 7/32 nozzles.
Total approximate water usage on Field 2 per month is:

Field 2 (Acre Ft)						
April	May	June	July	Aug	Sept	Oct
168.44	134.75	84.22	112.29	168.44	84.22	0.00

Field 3: Field 3 is 21 acres with Overlying (OL) and Adjudicated (ADJ) water rights. The field crop is alfalfa and small grain rotation. Alfalfa is typically three crops and small grain hay is one crop. The field is typically irrigated by one ¼ mile wheel lines. Alfalfa is irrigated from April 1 to Sept 15 on 11-hour sets. The small grain hay crop is irrigated from April 1 to July 15 on 11-hour sets. Irrigation ceases during the two-week cutting (harvesting) time between alfalfa crops. Irrigation ceases one week prior to the grain hay cutting and does not resume for remainder of the irrigation season. The wheel lines typically run at 60psi pressure with approximately 34 sprinkler heads. Sprinkler heads use 7/32 nozzles.

Total approximate water usage on Field 3 per month is:

Field 3 (Acre Ft)						
April	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**
45.45	36.36	22.73	30.30	45.45	22.73	0.00

Field 4: Field 4 is 51 acres with Overlying (OL) and Adjudicated (ADJ) water rights. The field crop is alfalfa and small grain rotation. Alfalfa is typically three crops and small grain hay is one crop. The field is typically irrigated by four ¼ mile wheel lines. Alfalfa is irrigated from April 1 to Sept 15 on 11-hour sets. The small grain hay crop is irrigated from April 1 to July 15 on 11-hour sets. Irrigation ceases during the two-week cutting (harvesting) time between alfalfa crops. Irrigation ceases one week prior to the grain hay cutting and does not resume for remainder of the irrigation season. The wheel lines typically run at 60psi pressure with approximately 32 sprinkler heads per line. Sprinkler heads use 7/32 nozzles.

Total approximate water usage on Field 4 per month is:

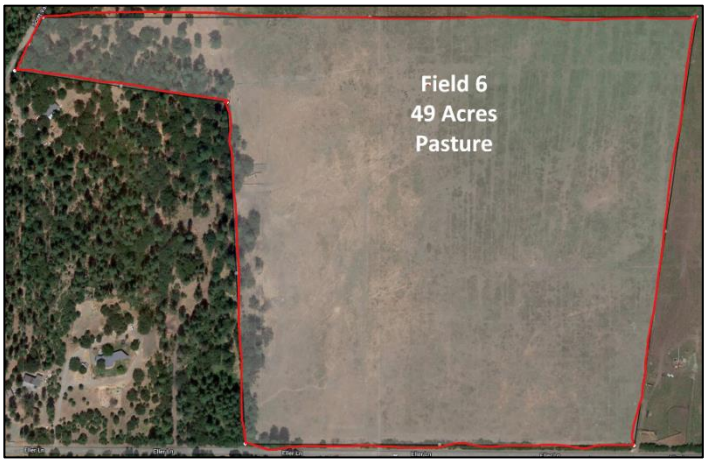
Field 4 (Acre Ft)						
April	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**
171.11	136.89	85.56	114.07	114.07	85.56	0.00

Field 5: Field 5 is 51 acres with Overlying (OL) and Adjudicated (ADJ) water rights. The field is used as seasonal pasture to support the cattle operation. The field is irrigated by above ground flood irrigation through a complex system of ditches and checks. The groundwater pump typically runs at 900gpm and operates continuously when making a single pass over the field. The irrigation process ceases for 1-2 weeks throughout each month and then restarts again. The pasture is typically irrigated from April 1 to Oct 15. The flood irrigation is also used to provide stock water to the cattle.

Total approximate water usage on Field 5 per month is:

Field 5 (Acre Ft)						
April	May	June	July	Aug	Sept	Oct
119.32	27.84	59.66	59.66	59.66	59.66	59.66

Field 6: Field 6 is 49 acres with Overlying (OL) and Adjudicated (ADJ) water rights. The field is used as seasonal pasture to support the cattle operation. The field is irrigated by a groundwater pump and hand line pipe used to connect two "Big Gun" sprinklers. The pasture is typically irrigated from April 1 to Oct 15 on 12hr sets. Irrigation of Field 6 typically ceases for 1-2 weeks throughout each month and then restarts again. Each Big Gun typically run at 70psi pressure which results in approximately 200gpm per Big Gun. The ground water irrigation is also used to provide stock water for the cattle.



Total approximate water usage on Field 6 per month is:

Field 6 (Acre Ft)						
April	May	June	July	Aug	Sept	Oct
106.06	53.03	70.71	74.24	74.24	70.71	53.03

2022 PROPOSED LCS CONSERVATION PLAN

To achieve a net reduction of at least 30% throughout the 2022 irrigation season (April 1 to Oct 31) and a monthly reduction of at least 30% between July 1 to Oct 31 as compared to prior year 2020, a combination of forbearance, conversion from flood irrigation to wheel line, and field crop rotation from alfalfa to grain hay will exceed the 30% net and monthly conservation goals. Each of the conservation efforts will be described in order of impact.

Field 6 (Total Conservation: 502.02 Acre Ft)

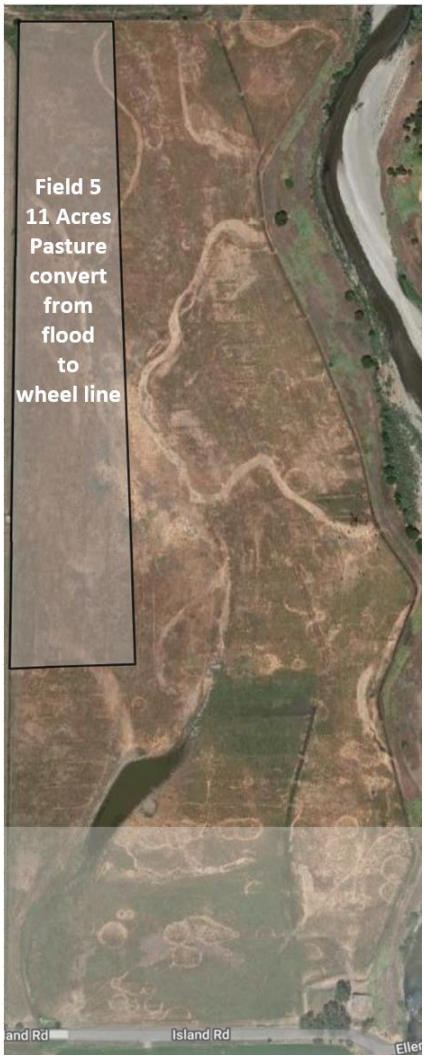
Irrigation of Field 6 takes significant labor to maintain enough pasture feed for the cattle. We have found in recent years it has become increasingly more difficult to maintain healthy pasture growth due the soil type of field 6 and the irrigation method we use. For the 2022 irrigation season Field 6 will not be irrigated and we will rely on dry land growth. We do not intend to deploy the Field 6 irrigation system for 2022. Verification of this **forbearance** can be confirmed by the Cooperating Entity via an on-site inspection.

Field 6 results in monthly conservation as follows:

Field 6 (Acre Ft)						
April	**May**	**June**	**July**	**Aug**	**Sept**	**Oct**
106.06	53.03	70.71	74.24	74.24	70.71	53.03

Field 5 (Total Conservation: 236.40 Acre Ft)

Field 5 conservation will consist of converting 11 acres of flood irrigated pasture to wheel line irrigation. This will reduce the total flood irrigation time and improve the irrigation efficiency. Due to the topography and existing ditch system the 11 acres is the most effective area to be covered by wheel line irrigation (see picture to right). The wheel line will be 240 feet with 6 sprinkler heads on 11-hour sets. Verification of this **conversion** can be confirmed by the Cooperating Entity via an on-site inspection.



Field 5 results in monthly conservation as follows:

Field 5 (Acre Ft)						
April	May	June	July	Aug	Sept	Oct
76.87	11.13	29.68	29.68	29.68	29.68	29.68

Field 4 (Total Conservation: 245.26 Acre Ft)

Field 4 conservation will consist of crop rotation from alfalfa to small grain hay. Irrigation will cease on or before July15 resulting in conservation during the most critical months. Verification of this **crop rotation** can be confirmed by the Cooperating Entity via an on-site inspection.

Field 4 results in monthly conservation as follows:

Field 4 (Acre Ft)						
April	May	June	July	Aug	Sept	Oct
0.00	0.00	0.00	45.63	114.07	85.56	0.00

Field 3 (Total Conservation: 75.75 Acre Ft)

Field 3 conservation will consist of crop rotation from alfalfa to small grain hay. Irrigation will cease on or before July15 resulting in conservation during the most critical months. Verification of this **crop rotation** can be confirmed by the Cooperating Entity via an on-site inspection.

Field 3 results in monthly conservation as follows:

Field 3 (Acre Ft)						
April	May	June	July	Aug	Sept	Oct
0.00	0.00	0.00	7.58	45.45	22.73	0.00

2022 PROPOSED LCS CONSERVATION PLAN SUMMARY

Through the efforts of forbearance, crop rotation, and conversion both the net reduction of at least 30% for the 2022 irrigation season and a monthly reduction of at least 30% for the months of July, Aug, Sept, and Oct have been exceeded. The verification of these simple and effective efforts is easily confirmed by the Cooperating Entity. The total 2022 irrigation season conservation results in a **savings of 1059.43 Acre feet or a net 32% reduction**.

The monthly conservation totals result in the following:

	2022 Irrigation Season Conservation Totals							
	April	May	June	July	Aug	Sept	Oct	Total
Prior	760.10	508.65	397.73	490.38	611.59	397.73	112.69	**3278.87**
2022	577.17	444.49	297.34	333.26	348.14	189.06	29.98	**2219.44**
Acre Ft Conserved	182.93	64.16	100.39	157.13	263.45	208.67	82.71	**1059.43**
Pct Conservation	**24%**	**13%**	**25%**	**32%**	**43%**	**52%**	**73%**	**32%**

This proposal is being offered in good faith in connection with the 2022 irrigation season. The 2005 Hurlimann Family Limited Partnership and Hurliman Ranch, LLC reserves all rights, claims, and defenses with regard to the matters described herein. This plan is offered voluntarily without legal obligations to undertake the matters described within this proposal. Should governmental or NGO funds become available for forbearance of improvement efforts to which the 2005 Hurlimann Family Limited Partnership or Hurlimann Ranch, LLC would otherwise be entitled, nothing shall be construed to limit the availability of such funds provided the proposal herein is materially performed for the 2022 irrigation season.

Though Field 6 has surface water rights, those rights won't be used to replace groundwater which is being conserved by this LCS plan. The remaining fields do not have surface water rights.

On March 25, 2022 the President of the United States stated, ***"a food shortage is in the near future for the U.S."*** Small family farming has never been more important to the food supply. Though Scott Valley may seem small, it is a critical link in the Western U.S food supply. We will need the support and cooperation of the State Water Resources Control Board to ensure farmers can continue to secure the food supply. These efforts do not come without a cost to our family and the Scott Valley community.

There are no greater stewards of the land and water than farmers. The livelihood and future of a farmer depends on how well they conserve and care for their land year after year. The Hurlimann Ranch is a fifth generation farming operation which is the most authentic verification of how we conserve and care for our land and water.

Regards,

2005 Hurlimann Family Limited Partnership
John Hurlimann
Partner
March 29, 2022

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.siskiyourcd.com

Binding Agreement

Contractor Contact Information:

Business:	Siskiyou RCD
Contact Person:	Chris Voigt
Address:	P.O. Box 268 / 450 Main St., Etna, CA 96027
Phone:	530-4673975
Email:	chris@siskiyourcd.com

Landowner Contact Information:

Business:	2005 HURLIMANN RANCH FAMILY LIMITED PARTNERSHIP
Contact Person:	John Hurlimann
Address:	[redacted]
Phone:	
Email:	

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.

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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)*

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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 propose 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

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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 establish by the actions described ion the LSC

SISKIYOU RESOURCE CONSERVATION DISTRICT

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Email: sisqrcd@sisqtel.net

Website: www.siskiyourcd.com

Signatures

Chris Voight

SRCD Representative

4/4/2022

Date

Landowner

4-April-2022

Date

SUPPORTING INFORMATION

BASELINE

Field Title	Acre	Irrigation Method	Count	Heads	Pressure	GPM/hd	Heads	Gal/HR	Set Hours	Gal/Day	April Days	April Gals	April Acre Ft	May Days	May Gals	May Acre Ft	June Days	June Gals	June Acre Ft	July Days	July Gals	July Acre Ft	Aug Days	Aug Gals	Aug Acre Ft	Sept Days	Sept Gals	Sept Acre Ft	Oct Days	Oct Gals	Oct Acre Ft
Field 1	62	Wheelline	4	7/32	60psi	11	28	73920	11	1626240	30	48787200	149.72	24	39029760	119.78	15	24393600	74.86	20	32524800	99.81	30	48787200	149.72	15	24393600	74.86	0	0	0.00
Field 2	57	Wheelline	4	7/32	60psi	11	28	83160	11	1829520	30	54885600	168.44	24	43908480	134.75	15	27442800	84.22	20	36590400	112.29	30	54885600	168.44	15	27442800	84.22	0	0	0.00
Field 3	21	Wheelline	1	7/32	60psi	11	34	22440	11	493680	30	14810400	45.45	24	11848320	36.36	15	7405200	22.73	20	9873600	30.30	30	14810400	45.45	15	7405200	22.73	0	0	0.00
Field 4	51	Wheelline	4	7/32	60psi	11	32	84480	11	1858560	30	55756800	171.11	24	44605440	136.89	15	27878400	85.56	20	37171200	114.07	20	37171200	114.07	15	27878400	85.56	0	0	0.00
Field 5	51	Flood	1	x	x	900	1	54000	12	1296000	30	38880000	119.32	7	9072000	27.84	15	19440000	59.66	15	19440000	59.66	15	19440000	59.66	15	19440000	59.66	15	19440000	59.66
Field 6	49	Big Gun	2	x	70psi	200	2	48000	12	1152000	30	34560000	106.06	15	17280000	53.03	20	23040000	70.71	21	24192000	74.24	21	24192000	74.24	20	23040000	70.71	15	17280000	53.03
	291												760.10			508.65			397.73			490.38			611.59			397.73			112.69

3278.87

CONSERVATION

Field Title	Acre	Irrigation Method	Count	Heads	Pressure	GPM/hd	Heads	Gal/HR	Set Hours	Gal/Day	April Days	April Gals	April Acre Ft	May Days	May Gals	May Acre Ft	June Days	June Gals	June Acre Ft	July Days	July Gals	July Acre Ft	Aug Days	Aug Gals	Aug Acre Ft	Sept Days	Sept Gals	Sept Acre Ft	Oct Days	Oct Gals	Oct Acre Ft
Field 1	62	Wheelline	4	7/32	60psi	11	28	73920	11	1626240	30	48787200	149.72	24	39029760	119.78	15	24393600	74.86	20	32524800	99.81	30	48787200	149.72	15	24393600	74.86	0	0	0.00
Field 2	57	Wheelline	4	7/32	60psi	11	28	83160	11	1829520	30	54885600	168.44	24	43908480	134.75	15	27442800	84.22	20	36590400	112.29	30	54885600	168.44	15	27442800	84.22	0	0	0.00
Field 3	21	Wheelline	1	7/32	60psi	11	34	22440	11	493680	30	14810400	45.45	24	11848320	36.36	15	7405200	22.73	15	7405200	22.73	0	0	0.00	0	0	0.00	0	0	0.00
Field 4	51	Wheelline	4	7/32	60psi	11	32	84480	11	1858560	30	55756800	171.11	24	44605440	136.89	15	27878400	85.56	12	22302720	68.44	0	0	0.00	0	0	0.00	0	0	0.00
Field 5 (Flood)	40	Flood	1	x	x	900	1	54000	12	1296000	10	12960000	39.77	4	5184000	15.91	7	9072000	27.84	7	9072000	27.84	7	9072000	27.84	7	9072000	27.84	7	9072000	27.84
Field 5 (11ac)	11	Wheelline	1	7/32	60psi	11	6	3960	11	87120	10	871200	2.67	3	261360	0.80	8	696960	2.14	8	696960	2.14	8	696960	2.14	8	696960	2.14	8	696960	2.14
Field 6	49	FALLOW	2	x	70psi	200	2	48000	0	0	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00
													577.17			444.49			297.34			333.26			348.14			189.06			29.98
										% Reduction			24%			13%			25%			32%			43%			52%			73%

2219.44

32%

1059.43

Table 1. Sprinkler discharge gpm (gallons per minute) for nozzle size (inches) and pressures (psi) (pounds per square inch).

	Nozzle Size (in)										
psi	3/32	7/64	1/8	9/64	5/32	11/64	3/16	13/64	7/32	15/64	1/4
20	1.17	1.60	2.09	2.65	3.26	3.92	4.69	5.51	6.37	7.32	8.34
25	1.31	1.78	2.34	2.96	3.64	4.38	5.25	6.16	7.13	8.19	9.32
30	1.44	1.95	2.56	3.26	4.01	4.83	5.75	6.80	7.86	8.97	10.21
35	1.55	2.11	2.77	3.50	4.31	5.18	6.21	7.30	8.43	9.69	11.03
40	1.66	2.26	2.96	3.74	4.61	5.54	6.64	7.80	9.02	10.35	11.79
45	1.76	2.39	3.13	3.99	4.91	5.91	7.03	8.30	9.60	10.99	12.50
50	1.85	2.52	3.30	4.18	5.15	6.19	7.41	8.71	10.10	11.58	13.18
55	1.94	2.64	3.46	4.37	5.39	6.48	7.77	9.12	10.50	12.15	13.82
60	2.03	2.76	3.62	4.50	5.65	6.80	8.12	9.56	11.05	12.68	14.44
65	2.11	2.88	3.77	4.76	5.87	7.06	8.45	9.92	11.45	13.21	15.03
70	2.19	2.99	3.91	4.96	6.10	7.34	8.78	10.32	11.95	13.70	15.59
75	2.27	3.09	4.05	5.12	6.30	7.58	9.08	10.66	12.32	14.19	16.14
80	2.35	3.19	4.18	5.29	6.52	7.84	9.39	11.02	12.74	14.64	16.67
85	2.42	3.29	4.31	5.45	6.71	8.07	9.67	11.35	13.11	15.10	17.18
90	2.49	3.38	4.43	5.61	6.91	8.31	9.95	11.69	13.51	15.53	17.68
100	2.62	3.57	4.67	5.91	7.29	8.76	10.50	12.32	14.23	16.37	18.64
110	2.75	3.74	4.89	6.19	7.63	9.24	11.00	12.90	14.97	17.17	19.55
120	2.87	3.91	5.10	6.46	7.97	9.65	11.48	13.47	15.63	17.93	20.42
130	2.99	4.07	5.31	6.72	8.30	10.04	11.95	14.02	16.27	18.66	21.25

2020

Field 1 (Acre Ft)

April	May	June	July	Aug	Sept	Oct
149.72	119.78	74.86	99.81	149.72	74.86	0.00

Field 2 (Acre Ft)

April	May	June	July	Aug	Sept	Oct
168.44	134.75	84.22	112.29	168.44	84.22	0.00

Field 3 (Acre Ft)

April	May	June	July	Aug	Sept	Oct
45.45	36.36	22.73	30.30	45.45	22.73	0.00

Field 4 (Acre Ft)

April	May	June	July	Aug	Sept	Oct
171.11	136.89	85.56	114.07	114.07	85.56	0.00

Field 5 (Acre Ft)

April	May	June	July	Aug	Sept	Oct
119.32	27.84	59.66	59.66	59.66	59.66	59.66

Field 6 (Acre Ft)

April	May	June	July	Aug	Sept	Oct
106.06	53.03	70.71	74.24	74.24	70.71	53.03

CONSERVATION

Field 6 (Acre Ft)

April	May	June	July	Aug	Sept	Oct	
106.06	53.03	70.71	74.24	74.24	70.71	53.03	502.02

Field 5 (Acre Ft)

April	May	June	July	Aug	Sept	Oct	
76.87	11.13	29.68	29.68	29.68	29.68	29.68	236.40

Field 4 (Acre Ft)

April	May	June	July	Aug	Sept	Oct	
0.00	0.00	0.00	45.63	114.07	85.56	0.00	245.26

Field 3 (Acre Ft)

April	May	June	July	Aug	Sept	Oct	
0.00	0.00	0.00	7.58	45.45	22.73	0.00	75.75

Field 2 (Acre Ft)

April	May	June	July	Aug	Sept	Oct	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

2022 Irrigation Season Conservation Totals

	April	May	June	July	Aug	Sept	Oct	Total
Prior	760.10	508.65	397.73	490.38	611.59	397.73	112.69	**3278.87**
2022	577.17	444.49	297.34	333.26	348.14	189.06	29.98	**2219.44**
Acre Ft Conserved	182.93	64.16	100.39	157.13	263.45	208.67	82.71	**1059.43**
Pct Conservation	24%	13%	25%	32%	43%	52%	73%	32%