

Putah Creek Irrigators Meeting

Wednesday, March 20, 12:30 - 2:30 PM

Lower Putah Creek Coordinating Committee

MEETING OVERVIEW

Meeting Purpose

The purpose of this meeting is for SCWA to receive irrigator input on Putah Creek Water Management (PCWM) for 2024. Specifically SCWA needs input on these water management functions:

1. Spring Pulse flows (March/April)
2. Riparian Water Deliveries (April - July)
3. Riparian Water Cut Off Diversion Date (July 15)
4. Fall Pulse Flow & Check Dam Boards (November)
5. Communicate with other pumpers and SCWA about pumping

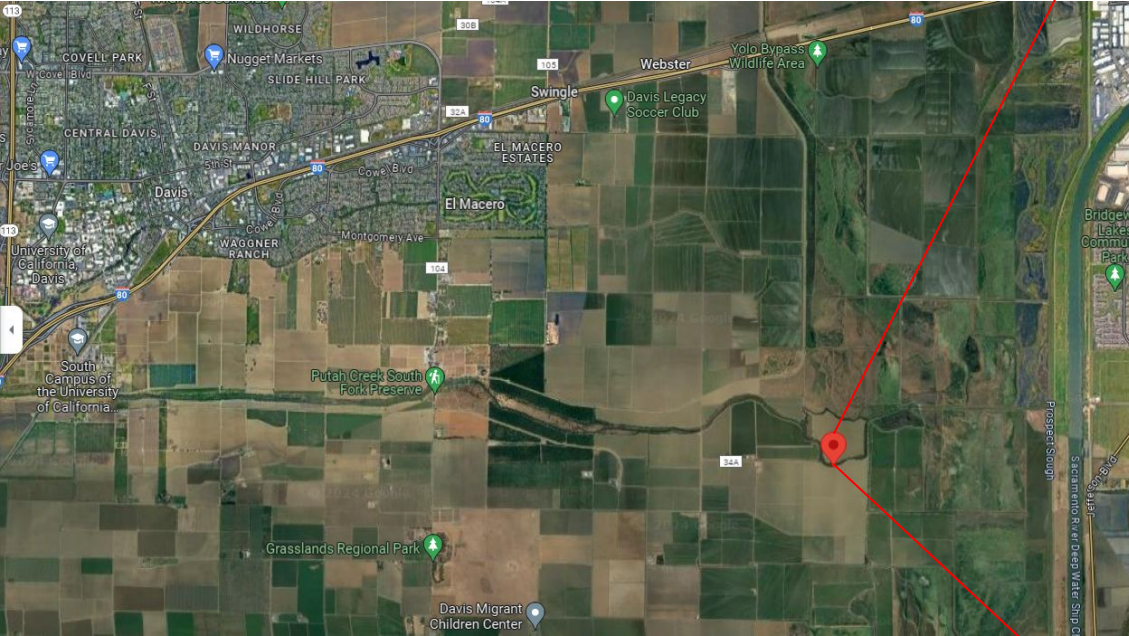
Today's Agenda

1:00-1:15	Welcome <ul style="list-style-type: none">• Meeting purpose• Group introductions• Ground rules	Juliana Birkhoff, Facilitator
1:15-1:30	Spring Pulse Flow <u>Presentation and facilitated discussion</u>	Max Stevenson, Streamkeeper
1:30-1:45	Riparian Water Deliveries <u>Presentation and facilitated discussion</u>	Max Stevenson, Streamkeeper
1:45-2:00	Riparian Water Cut Off Diversion Dates <u>Presentation and facilitated discussion</u>	Max Stevenson, Streamkeeper
2:00-2:15	Fall Pulse Flow & Check Dam Boards <u>Presentation and facilitated discussion</u>	Max Stevenson, Streamkeeper
2:15-2:30	Communication and Coordination <u>Presentation and facilitated discussion</u>	Max Stevenson, Streamkeeper

Ground Rules

- **Electronic Courtesy:** Silence cell phones
- **Be Comfortable:** Help yourself to refreshments and take a break if you need
- **Humor is Welcome:** But not at someone's expense
- **Stay focused on Meeting Purpose:** Lots of related issues, but focus on Putah Creek water management tonight
- **Use Common Courtesy:** No interruptions or judging others motives or actions
- **Treat each other with Respect:** Learn from other perspectives
- **All Ideas have Value**

November, 2023 (mid-salmon run)



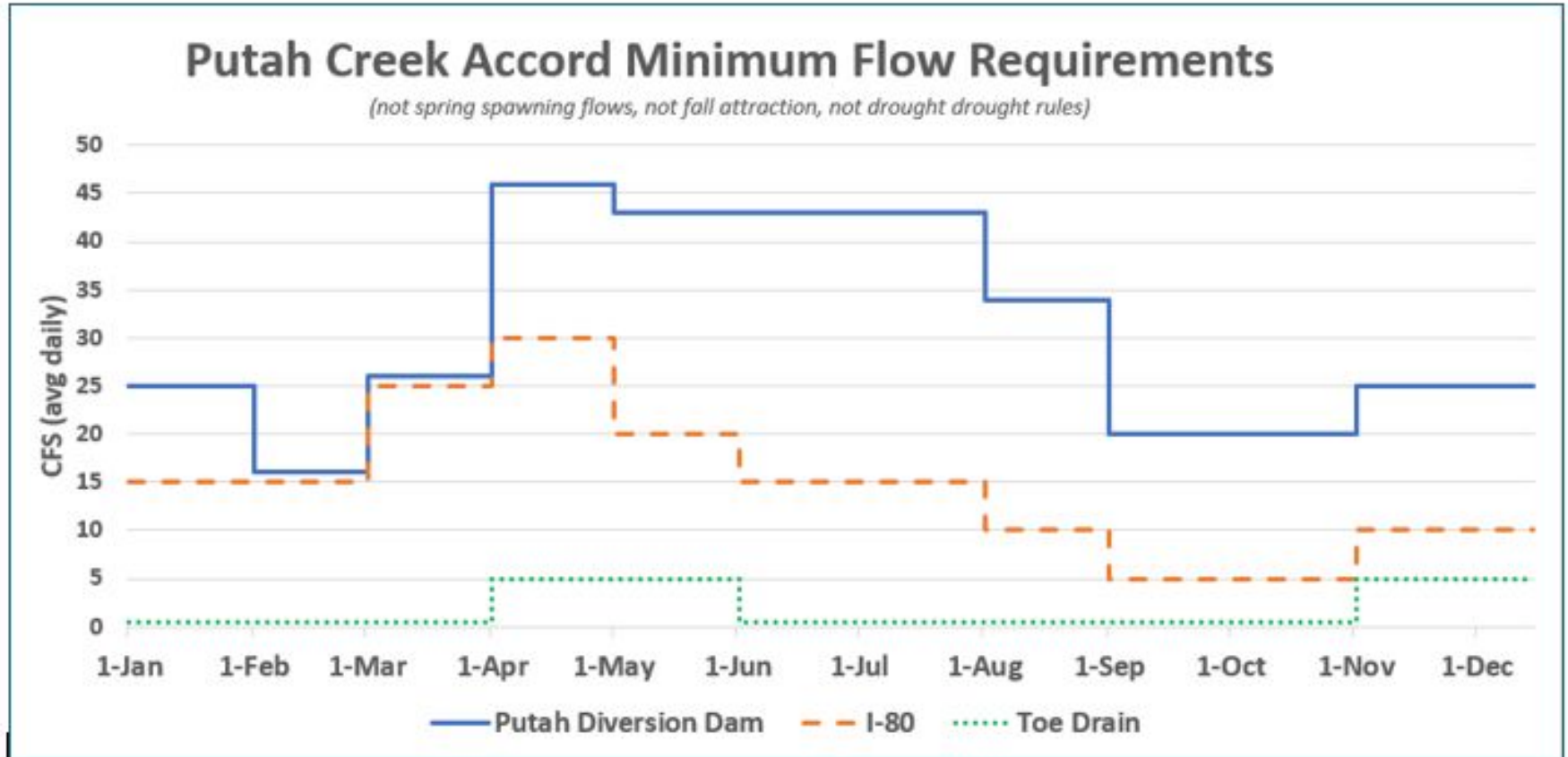
Spring Pulse Flow (March/April)

- The Spring pulse consists of 3 consecutive days of 150 cfs, 100 cfs, and 80 cfs then is followed by 30 days of 50 cfs at InterState 80.
- At the conclusion of the 30 days the flow is decreased to match the required Accord flows.

2000 Putah Creek Accord Flow Compliance Locations

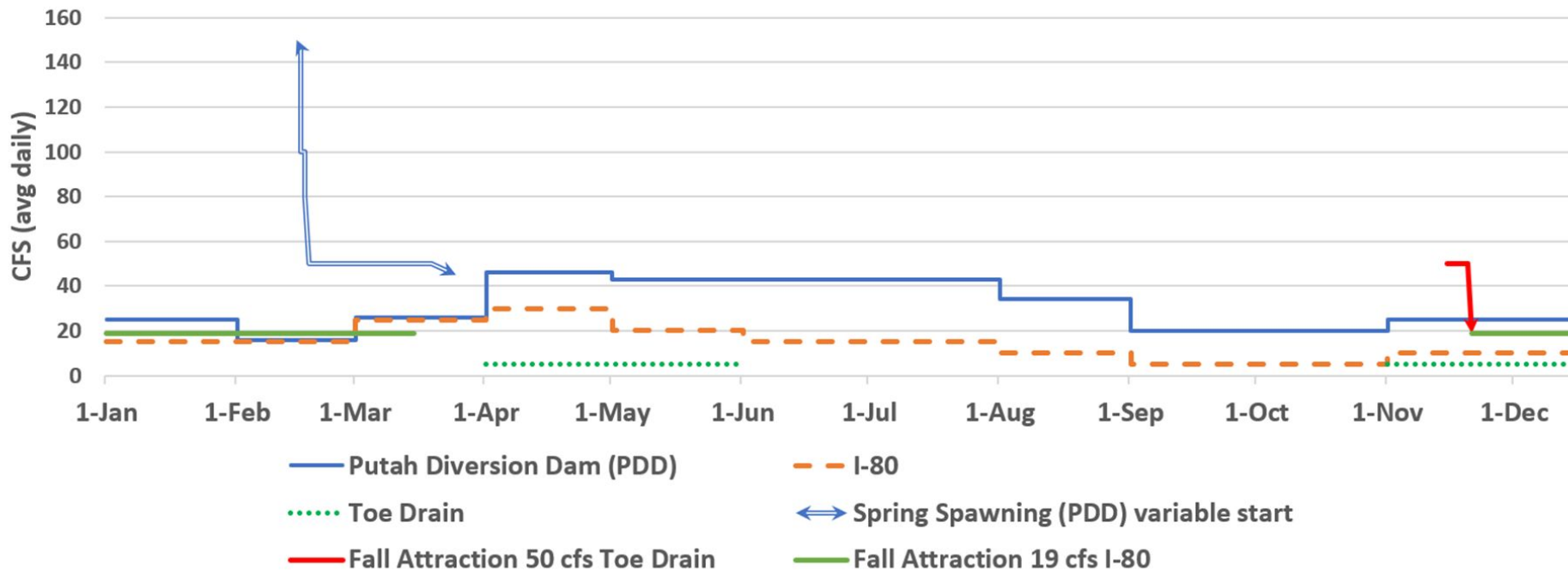


Accord Exhibit A - Solano Project Releases and Instream Flows for Lower Putah Creek

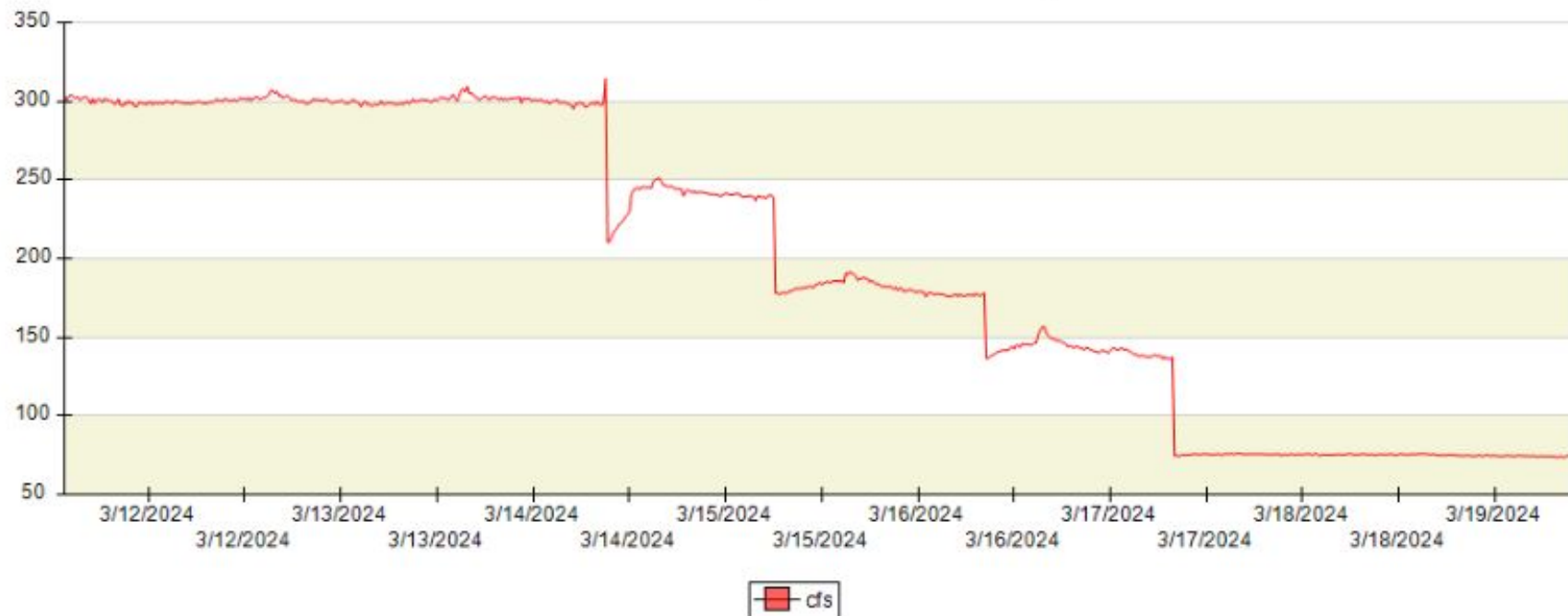


Flow Requirements in Putah Creek

Base flows plus fall and spring pulse flows



620 - DAMOPS / Putah Creek Total Flow (Venturi + Flood Gate) / Total PDD flow to LPC



Riparian Water Deliveries (April – July)

1. 2008 Accommodation rules until July 15
2. SCWA will comply with 5 cfs at Toe Drain April/May
3. Call in orders for pumping on and off
4. Pumps will need a unique ID
5. This will require coordinating with SCWA and other irrigators especially when considering it takes 2-3 days for water released from the Diversion Dam to reach the lower parts of Putah Creek
6. SCWA will record how much flow is being called-in and observed-pumping by riparian users

Max flow notes

11/1/13

Head Works Totals		
Change in CFS	Time	Total

PSC Daily Water Order for (flows in CFS)

Head Works Total	Change in CFS	Time	Total	Notes	Estimated Pw Changes	Yesterday Pw Changes (+/-)	Mile Post and Turnout	AM Water Order	Estimated pw Changes	Average Actually Ordered
							Mile Post and Turnout			
							Hemerway			
							Karnopp			
							UCD			
							Hines			
							Vaughn			
							Fish Farm			
							Weyand			
							Sweeney Spill			
							Charge	-2		
							6.15 SWEENEY CHECK 60			
							Kilkenny			
							HOP 4 (LDS)			
							Canal 3			
							Canal 4			
							Charge v/v			
							9.84 GIBSON CHECK 10			
							Eldredge 11010.5/1104			
							Nut Tree			
							Charge			
							12.05 HIWAY CHECK 0			
							Vacaville			
							Bymes			
							Frost			
							Charge			
							13.76 ALAMO CHECK 0			
							CMF			
							Dally			
							15.82 UNION CHECK 10			
							NBR			
							Peabody (Fairfield Lateral)			
							Lateral 29			
							McCoy Spill			
							Charge			
							18.80 McCOY CHECK 16			
							Waterman			
							Charge			
							23.51 SERPAS CHECK			
							Rancho Solano			
							Lateral 42			
							Chadborne			
							Lateral 43-A			
							Lateral 43-B			
							Pieros			
							25.94 MANKAS CHECK			
							Lateral 45-R			
							Lateral 45			
							Lambert			
							Lambert A			
							Multi Pumps			
							Charge			
							27.48 SUISUN CHECK			
							Lateral 49			
							Lateral 49 L			
							Lateral 50 R			
							Lateral 50 L			
							Lateral 51-A			
							29.07 VAN AVERY CHECK			
							Lateral 52			
							30.02 ROCKVILLE CHECK			
							Young			
							Lateral 54			
							GV Conduit			
							32.33 TERMINAL CHECK			
							Lateral 55.5			
							Lateral 56.5A			
							Lateral 57			
							Lateral 57 A			
							LAKE TOTAL			
							Lateral 58			

Riparian Water Cut Off Diversion Date (July 15)

1. SCWA will work with the Riparian users to provide the needed water up until July 15, then we expect all surface water diversions to end
2. Pumping of wheeled water needs to be discussed
3. This is a cutoff date that has been used in the past and has worked well to help us meet the required accord flows above I-80. New focus on below I-80
4. SCWA may not comply with 'continuous flow' requirement below I-80 during the summer and early fall due to wheeling complexities and permanent barriers in the Creek outside of control by SCWA

Fall Pulse Flow & Check Dam Boards (November)

1. SCWA will comply with 5 cfs at Toe Drain Nov/Dec 15
2. We would also like to coordinate with Los Rios and CDFW to run the check dam boards in a way to help us ensure compliance with the Accord.
3. The Fall pulse flow consists of maintaining 50 cfs at Los Rios Check dam for 5 days then drops down to 19 cfs at Interstate 80 through March 31.
4. CDFW grant \$825,000 for Check Dam Fish Bypass

Fall Attraction Flow Timing

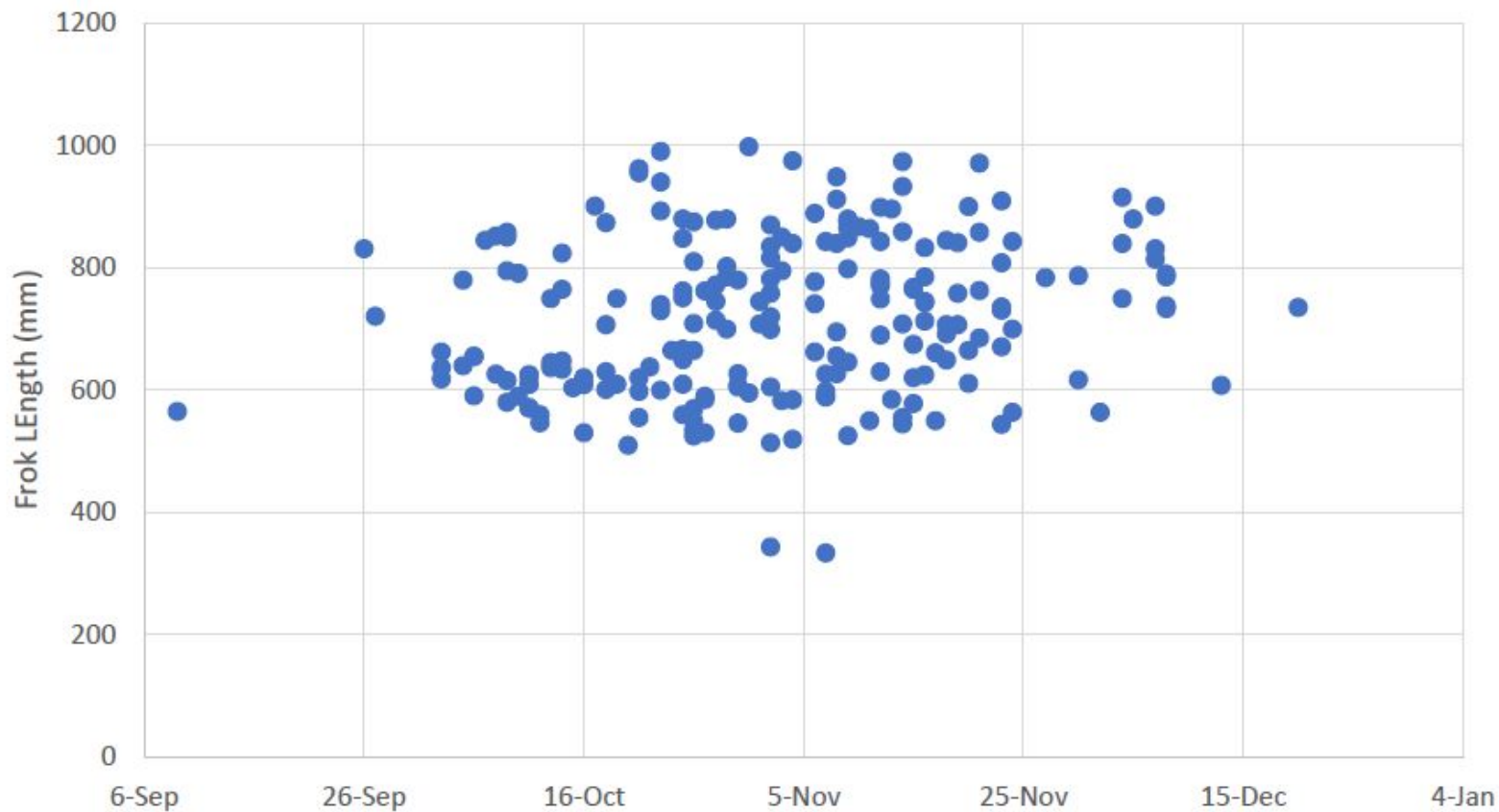
Day	Lower Putah Creek Flow (cfs)										
	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
10/26	*	29	23	30	22	30	38	39	33	29	30
10/27	*	23	23	30	22	30	38	41	33	29	30
10/28	*	23	23	30	22	30	38	42	33	29	26
10/29	*	23	23	30	22	32	38	42	33	29	22
10/30	*	28	27	71	22	34	41	43	35	30	25
10/31	*	30	29	88	24	34	44	45	37	33	25
11/1	*	30	29	88	26	34	44	46	37	33	27
11/2	150	30	29	88	26	34	44	48	37	33	29
11/3	125	31	29	88	51	34	44	49	37	33	30
11/4	100	32	29	88	86	35	44	49	37	33	30
11/5	100	32	29	88	83	35	44	49	37	33	30
11/6	100	32	29	61	81	35	44	49	37	33	30
11/7	100	32	29	50	81	36	44	49	37	33	30
11/8	50	32	29	48	81	37	43	49	37	33	30
11/9	50	32	29	47	81	37	43	49	37	33	30
11/10	50	69	29	47	53	37	42	48	37	33	30
11/11	50	95	29	47	42	37	42	47	37	33	30
11/12	50	95	29	47	40	37	42	47	37	33	30
11/13	45	95	29	47	38	36	40	47	37	33	30
11/14	45	95	29	47	38	36	59	47	37	33	30
11/15	45	95	29	47	38	57	90	47	37	33	30
11/16	45	78	29	47	38	86	90	47	37	33	28
11/17	45	50	29	47	38	94	90	47	37	32	27
11/18	45	50	29	47	38	105	90	47	37	31	27
11/19	45	50	72	47	38	105	90	45	37	31	27
11/20	45	50	90	47	38	105	69	45	37	31	27
11/21	45	48	90	45	37	99	52	45	37	31	27
11/22	45	46	90	44	36	92	52	45	37	32	27
11/23	45	46	90	44	36	61	51	45	37	33	27
11/24	45	46	90	44	36	50	50	45	37	33	27
11/25	45	46	53	44	36	50	50	45	37	33	27
11/26	45	46	38	44	36	49	49	45	37	33	27
11/27	45	46	38	44	36	48	49	45	37	33	27
11/28	45	46	38	44	36	48	49	45	37	52	27
11/29	45	46	38	44	36	48	48	63	37	85	50
11/30	45	45	38	44	36	47	48	90	37	85	88
12/1	45	42	38	44	36	46	48	90	37	85	88
12/2	45	42	38	44	36	46	47	90	37	300	86
12/3	40	42	38	44	36	46	46	90	58	75	84
12/4	40	42	38	44	36	46	46	87	90	50	84
12/5	40	42	38	44	36	46	46	64	84	37	53
12/6	40	42	38	44	36	46	46	55	80	34	34
12/7	40	42	38	42	36	46	46	55	80	32	34
12/8	36	42	38	41	36	46	46	55	80	32	32
12/9	36	42	38	41	36	46	46	54	52	32	31
12/10	36	42	38	41	36	46	46	53	42	32	31
12/11	36	42	38	41	36	46	46	107	42	32	31

Nov 1

Nov 15

Dec 1

Chinook salmon adults caught in CDWR Toe Drain Fyke trap below Lisbon weir from 1998-2017



Notification Number R2-80-00
Putah Creek
Los Rios Farms, Inc.

modifications made to the project plans submitted to the Department. At the discretion of the Department, minor plan modifications may require an amendment to this agreement. At the discretion of the Department, if substantial modifications are made to the original plans, this agreement becomes void and the Operator must submit a new application. Failure to notify the Department of changes to the original plans or subsequent amendments to this agreement may result in the Department suspending or canceling this agreement. The Operator must then submit a new notification.

3. The Operator shall notify the Department where conflicts exist between the provisions of this agreement and those imposed by other regulatory agencies. Unless otherwise notified, the Operator shall comply to the provision that offers the greatest protection to water quality, species of special concern and/or critical habitat.
4. If a private contractor is used for this project, the Contractor shall sign the Operator's copy of the agreement prior to working within the stream zone. A crew supervisor shall be on site the entire time the crew is working near the Putah Creek. The supervisor shall be completely familiar with the terms and conditions of this agreement, shall ensure compliance with all terms and conditions, and shall have a copy of the agreement on site.
5. To minimize potential impact to salmon migration, two-thirds of the earthen dam shall be completely removed from the Putah Creek during the following time period: October 15 and April 15.

How to Communicate with SCWA About Receiving More Creek Water for Irrigation

1. Call or Text Zach Hyer (707) 898-0064 (or Jay Cuetara (707) 249-3695) to schedule water both on and off.
2. Above I-80 call one day before, by 2 pm.
3. Below I-80 call two days before, by 2 pm.
4. Pumping after July 15? peer pressure and SCWA will send a letter
5. Unique ID for pumps will be made?
6. New stickers for pumps? Flow measurement check with strap-on meter?
7. Call sheet for all pumpers (share map and phone numbers)?
8. After March 20th meeting, we will send a note to the farmers with the plan



THANK YOU!

Max Stevenson at mstevenson@scwa2.com

Juliana Birkhoff at juliana@aginnovations.org

Jay Cuetara at jcuetara@scwa2.com