

DON PEDRO / TUOLUMNE RIVER WATERSHED

	9/8/2021 Wednesday	9/7/2021 Tuesday	9/6/2021 Monday	9/5/2021 Sunday	9/4/2021 Saturday	9/3/2021 Friday	9/2/2021 Thursday
* Computed Natural Flow (cfs)	32	114	-476	122	50	-167	272
Don Pedro							
Elevation (Feet) ^(Max = 830.0, Min = 800.0)	734.4	734.9	735.3	735.8	736.1	736.4	736.8
Storage (AF) ^(Max = 2,000,000 Min=500,000)	1,050,068	1,054,020	1,057,190	1,061,160	1,063,548	1,065,939	1,069,134
Gain/(Loss) (AF)	-3,952	-3,170	-3,970	-2,388	-2,391	-3,195	-1,599
Avg. Inflow (cfs)	183	158	-465	213	187	-72	285
Avg. Flows at La Grange							
TID Canal (cfs) ^(Max = 2500)	1,288	1,026	718	584	817	875	422
MID Canal (cfs) ^(Max = 1800)	771	613	712	740	482	570	577
River (cfs) ^(Max = 9000)	116	117	107	93	94	94	92
Total (cfs)	2,175	1,757	1,536	1,417	1,393	1,539	1,091
Hetch Hetchy Reservoir							
Elevation (Feet) ^(Max = 3800, Min = 3520)	3,752.2	3,752.7	3,753.2	3,753.7	3,754.2	3,754.8	3,755.3
Storage (AF) ^(Max = 300,360,Min=410)	259,930	260,805	261,680	262,555	263,432	264,488	265,368
Gain/(Loss) (AF)	-875	-875	-875	-877	-1,056	-880	-880
Avg. Release (cfs)	446	448	452	451	451	451	464
Avg. Inflow (cfs)	5	7	11	9	-81	7	20
Cherry Valley Reservoir							
Elevation (Feet) ^(Max = 4700, Min = 4440)	4,659.8	4,659.8	4,659.9	4,659.9	4,660.0	4,660.1	4,660.2
Storage (AF) ^(Max = 270,270,Min=0)	200,778	200,778	200,937	200,937	201,096	201,259	201,422
Gain/(Loss) (AF)	0	-159	0	-159	-163	-163	0
Avg. Release (cfs)	93	61	39	36	36	55	50
Avg. Inflow (cfs)	93	-19	39	-44	-46	-27	50
Lake Eleanor Reservoir							
Elevation (Feet) ^(Max = 4600, Min = 4520, E)	4,654.9	4,655.3	4,655.3	4,655.4	4,655.5	4,655.5	4,655.6
Storage (AF) ^(Max = 27,018,Min=0)	21,405	21,774	21,774	21,867	21,960	21,960	22,053
Gain/(Loss) (AF)	-369	0	-93	-93	0	-93	-93
Avg. Release (cfs)	22	22	21	21	21	21	21
Avg. Inflow (cfs)	-164	22	-26	-26	21	-26	-26
Avg. Div. to S.F. Pipeline (mgd) ^(Max = 20)	235	235	235	235	235	235	235
Rain Fall (Inches)							
Hetch Hetchy	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cherry Valley	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Moccasin	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sonora	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Yosemite	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Don Pedro	0.00	0.00	0.00	0.00	0.00	0.00	0.00

* Computed Natural Flow is a calculated value representing what the flow in the river at La Grange would be without human diversion, storage, or release. Due to the nature of the calculation, this value may be negative.
** Inflow is a calculated value representing the flow of water into a reservoir. Inflow to a reservoir is not necessarily equal to the Computed Natural Flow. Due to the nature of the calculation, this value may be negative.
Note: cfs is a rate of flow in cubic feet per second; a flow of 1 cfs over a 24-hour period (cfs/day) = 1.98 acre-feet (AF); mgd is a rate of flow in million gallons per day (megagallons per day); a flow rate of 1 mgd = 1.55 cfs; a flow of 1 mgd over a 24-hour period = 3.1 AF.

9/1/2021
Wednesday

-236 553 1,289 656 309 894 891

737
1,070,733
-806
619

632
702
92
1,426

3,756
266,248
-883
463
-420

4,660
201,422
-488
253
-235

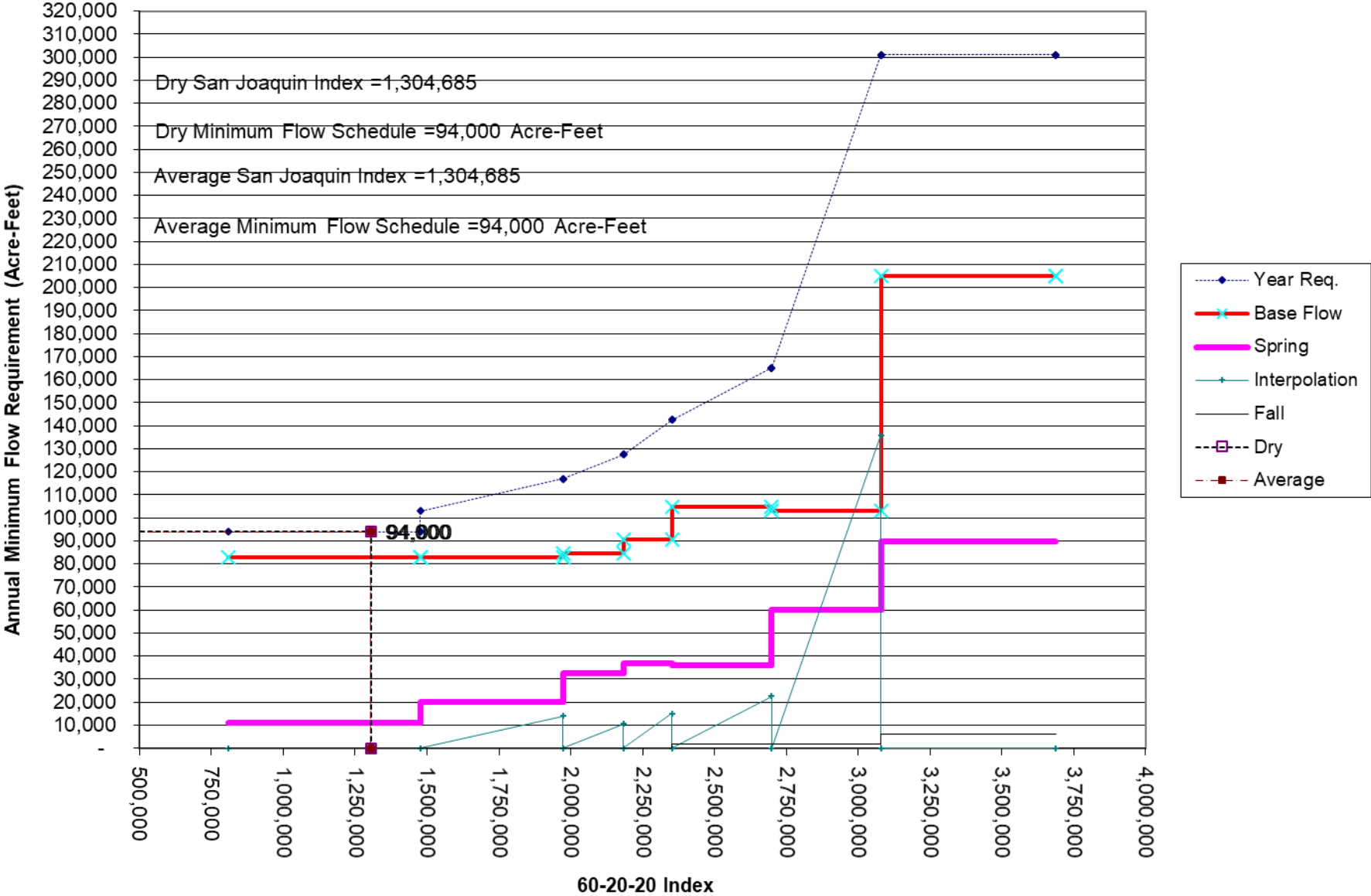
4,656
22,146
-93
21
-72
235|

Surface Area (acres)							
Hetch Hetchy Reservoir	1,751	1,754	1,757	1,759	1,762	1,765	
	12	12	12	12	12	12	
Cherry Valley Reservoir	1,609	1,609	1,610	1,610	1,610	1,610	
	-5	-5	-5	-5	-5	-5	
Lake Eleanor Reservoir	915	917	917	918	918	918	
	-3	-3	-3	-3	-3	-3	
CCSF TOTAL EVAPORATION (cfs)	29	29	29	29	29	29	
Don Pedro Evaporation							18
Surface Area (acres)	7,893	7,914	7,931	7,952	7,965	7,978	
Evaporation (cfs)	85	85	85	85	85	86	

Flow Below Dam (cfs)

2,175 1,757 1,536 1,417 1,393 1,539 1,091

TUOLUMNE RIVER MINIMUM FLOW REQUIREMENT (Figure 4)
Interpolation Volume



SAN JOAQUIN VALLEY WATER YEAR HYDROLOGIC CLASSIFICATION **602020 INDEX**

60-20-20	APRIL-JULY RUNOFF (AF)					OCTOBER-MARCH RUNOFF (AF)					602020	TUOLUMNE RIVER	San Joaquin Index (not the FERC Index)	FERC Index
YEAR	STANISLAUS	TUOLUMNE	MERCED	FRIANT	TOTAL	STANISLAUS	TUOLUMNE	MERCED	FRIANT	TOTAL	INDEX	MINIMUM FLOW REQUIREMENT	RANKING	
10	817,283	1,408,394	765,924	1,535,227	4,526,828	268,764	458,981	276,115	430,561	1,434,421	3,547,926	300,923	Above Normal	INTERMEDIATE BN-AN
11	1,350,414	2,172,501	1,133,496	2,243,065	6,899,476	819,843	1,248,753	727,148	881,767	3,677,511	5,584,773	300,923	Wet	MEDIAN WET/ MAXIMUM
12	394,507	609,424	300,876	558,917	1,863,724	216,256	254,324	117,856	244,726	833,162	2,184,867	127,669	Dry	MEDIAN DRY
13	289,860	597,042	267,194	518,953	1,673,049	323,159	476,812	207,327	318,805	1,326,103	1,706,023	109,485	Critical	MEDIAN CRITICAL WATER YEAR
14	232,171	423,354	180,810	375,485	1,211,820	123,348	166,401	57,498	113,744	460,991	1,160,495	94,000	Critical	CRITICAL WATER YEAR AND BELOW
15	133,081	307,952	104,627	192,518	738,178	190,977	276,982	74,324	123,674	665,957	808,197	94,000	Critical	CRITICAL WATER YEAR AND BELOW
16	568,262	1,020,077	494,607	892,555	2,975,501	498,761	783,833	351,782	391,110	2,025,486	2,352,037	142,424	Dry	MEDIAN DRY
17	1,440,796	2,454,169	1,232,846	2,641,089	7,768,900	1,570,518	2,276,847	1,222,014	1,585,049	6,654,428	6,462,633	300,923	Wet	MEDIAN WET/ MAXIMUM
18	588,162	1,011,627	459,456	947,685	3,006,930	378,596	620,658	273,637	368,411	1,641,302	3,032,418	284,136	Below Normal	MEDIAN BELOW NORMAL
19	1,241,334	1,990,176	1,076,834	2,034,275	6,342,619	639,508	907,414	503,118	591,514	2,641,554	4,940,366	300,923	Wet	MEDIAN WET/ MAXIMUM
20	438,126	686,861	359,181	670,195	2,154,363	215,159	269,451	124,084	192,804	801,498	2,352,917	142,502	Dry	INTERMEDIATE D-BN
21	212,207	448,885	207,022	360,017	1,228,131	120,983	145,294	67,807	152,032	486,116	1,304,685	94,000	Critical	CRITICAL WATER YEAR AND BELOW

Dry San Joaquin Index =1,304,685

Average San Joaquin Index =1,304,685

BASE FLOW (Table a)													
C.F.S.													
	INDEX CUTOFF	31 JAN	28 FEB	31 MAR	30 APR	31 MAY	30 JUN	31 JUL	31 AUG	30 SEP	31 OCT	30 NOV	31 DEC
1 CRITICAL WATER YEAR AND BELOW	0	150	150	150	150	150	50	50	50	50	126	150	150
2 MEDIAN CRITICAL WATER YEAR	1,476	150	150	150	150	150	50	50	50	50	126	150	150
3 INTERMEDIATE C-D WATER YEAR	1,973	150	150	150	150	150	50	50	50	50	150	150	150
4 MEDIAN DRY	2,183	150	150	150	150	150	75	75	75	75	150	150	150
5 INTERMEDIATE D-BN	2,353	180	180	180	180	180	75	75	75	75	180	180	180
6 MEDIAN BELOW NORMAL	2,698	175	175	175	175	175	75	75	75	75	187	175	175
7 INTERMEDIATE BN-AN	3,080	300	300	300	300	300	250	250	250	250	300	300	300
8 MEDIAN ABOVE NORMAL	3,689	300	300	300	300	300	250	250	250	250	300	300	300
9 INTERMEDIATE AN-W	3,903	300	300	300	300	300	250	250	250	250	300	300	300
10 MEDIAN WET/ MAXIMUM	4,773	300	300	300	300	300	250	250	250	250	300	300	300

PULSE FLOWS (Table b)													
A.F.													
		31 JAN	28 FEB	31 MAR	30 APR	31 MAY	30 JUN	31 JUL	31 AUG	30 SEP	31 OCT	30 NOV	31 DEC
1 CRITICAL WATER YEAR AND BELOW	0				11,091								
2 MEDIAN CRITICAL WATER YEAR	1,476				20,091								
3 INTERMEDIATE C-D WATER YEAR	1,973				32,619								
4 MEDIAN DRY	2,183				37,060								
5 INTERMEDIATE D-BN	2,353				35,920						1,676		
6 MEDIAN BELOW NORMAL	2,698				60,027						1,736		
7 INTERMEDIATE BN-AN	3,080				89,882						5,950		
8 MEDIAN ABOVE NORMAL	3,689				89,882						5,950		
9 INTERMEDIATE AN-W	3,903				89,882						5,950		
10 MEDIAN WET/ MAXIMUM	4,773				89,882						5,950		

TOTAL MINIMUM FLOW REQUIREMENT (Table c)

A.F.

		31 JAN	28 FEB	31 MAR	30 APR	31 MAY	30 JUN	31 JUL	31 AUG	30 SEP	31 OCT	30 NOV	31 DEC	TOTAL
1 CRITICAL WATER YEAR AND BELOW	0	9,223	8,331	9,223	20,017	9,223	2,975	3,074	3,074	2,975	7,736	8,926	9,223	94,000
2 MEDIAN CRITICAL WATER YEAR	1,476	9,223	8,331	9,223	29,017	9,223	2,975	3,074	3,074	2,975	7,736	8,926	9,223	103,000
3 INTERMEDIATE C-D WATER YEAR	1,973	9,223	8,331	9,223	41,545	9,223	2,975	3,074	3,074	2,975	9,223	8,926	9,223	117,016
4 MEDIAN DRY	2,183	9,223	8,331	9,223	45,986	9,223	4,463	4,612	4,612	4,463	9,223	8,926	9,223	127,506
5 INTERMEDIATE D-BN	2,353	11,068	9,997	11,068	46,631	11,068	4,463	4,612	4,612	4,463	12,744	10,711	11,068	142,502
6 MEDIAN BELOW NORMAL	2,698	10,760	9,719	10,760	70,440	10,760	4,463	4,612	4,612	4,463	13,240	10,413	10,760	165,003
7 INTERMEDIATE BN-AN	3,080	18,446	16,661	18,446	107,733	18,446	14,876	15,372	15,372	14,876	24,396	17,851	18,446	300,923
8 MEDIAN ABOVE NORMAL	3,689	18,446	16,661	18,446	107,733	18,446	14,876	15,372	15,372	14,876	24,396	17,851	18,446	300,923
9 INTERMEDIATE AN-W	3,903	18,446	16,661	18,446	107,733	18,446	14,876	15,372	15,372	14,876	24,396	17,851	18,446	300,923
10 MEDIAN WET/ MAXIMUM	10,000	18,446	16,661	18,446	107,733	18,446	14,876	15,372	15,372	14,876	24,396	17,851	18,446	300,923

Table 2

Tuolumne River Flow Schedule
Based on DWR Values, 60-20-20 Index for 2021, Hydrologic Conditions
Schedule For 2021-2022 Fish Flow Year

DATE		Number of DAYS	BASE FLOW ¹			PULSE FLOW ²			INTERPOLATION FLOW			Other Adjusted Flow			TOTAL FERC FLOW			Agreed Upon
From:	To:		CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	ACCUM. ³	A/R.	
15-Apr-2021	15-Apr-2021	1	150	298	298	1,940	3,847	3,847	0	0	0	0	0	0	2,090	4,145		Yes
16-Apr-2021	16-Apr-2021	1	150	298	595	826	1,639	5,486	0	0	0	0	0	0	976	6,081		Yes
17-Apr-2021	17-Apr-2021	1	150	298	893	300	595	6,081	0	0	0	0	0	0	450	6,974		Yes
18-Apr-2021	18-Apr-2021	1	150	298	1,190	717	1,421	7,502	0	0	0	0	0	0	867	8,693		Yes
19-Apr-2021	19-Apr-2021	1	150	298	1,488	1,144	2,269	9,771	0	0	0	0	0	0	1,294	11,259		Yes
20-Apr-2021	20-Apr-2021	1	150	298	1,785	655	1,299	11,070	0	0	0	0	0	0	805	12,855		Yes
21-Apr-2021	21-Apr-2021	1	150	298	2,083	10	21	11,091	0	0	0	0	0	0	160	13,174		Yes
22-Apr-2021	22-Apr-2021	1	150	298	2,380	0	0	11,091	0	0	0	0	0	0	150	13,471		Yes
23-Apr-2021	23-Apr-2021	1	150	298	2,678	0	0	11,091	0	0	0	0	0	0	150	13,769		Yes
24-Apr-2021	24-Apr-2021	1	150	298	2,975	0	0	11,091	0	0	0	0	0	0	150	14,066		Yes
25-Apr-2021	25-Apr-2021	1	150	298	3,273	0	0	11,091	0	0	0	0	0	0	150	14,364		Yes
26-Apr-2021	26-Apr-2021	1	150	298	3,570	0	0	11,091	0	0	0	0	0	0	150	14,661		Yes
27-Apr-2021	27-Apr-2021	1	150	298	3,868	0	0	11,091	0	0	0	0	0	0	150	14,959		Yes
28-Apr-2021	28-Apr-2021	1	150	298	4,165	0	0	11,091	0	0	0	0	0	0	150	15,256		Yes
29-Apr-2021	29-Apr-2021	1	150	298	4,463	0	0	11,091	0	0	0	0	0	0	150	15,554		Yes
30-Apr-2021	30-Apr-2021	1	150	298	4,760	0	0	11,091	0	0	0	0	0	0	150	15,851		Yes
01-May-2021	01-May-2021	1	150	298	5,058	0	0	11,091	0	0	0	0	0	0	150	16,149		Yes
02-May-2021	02-May-2021	1	150	298	5,355	0	0	11,091	0	0	0	0	0	0	150	16,446		Yes
03-May-2021	03-May-2021	1	150	298	5,653	0	0	11,091	0	0	0	0	0	0	150	16,744		Yes
04-May-2021	04-May-2021	1	150	298	5,950	0	0	11,091	0	0	0	0	0	0	150	17,041		Yes
05-May-2021	05-May-2021	1	150	298	6,248	0	0	11,091	0	0	0	0	0	0	150	17,339		Yes
06-May-2021	06-May-2021	1	150	298	6,545	0	0	11,091	0	0	0	0	0	0	150	17,636		Yes
07-May-2021	07-May-2021	1	150	298	6,843	0	0	11,091	0	0	0	0	0	0	150	17,934		Yes
08-May-2021	08-May-2021	1	150	298	7,140	0	0	11,091	0	0	0	0	0	0	150	18,231		Yes
09-May-2021	09-May-2021	1	150	298	7,438	0	0	11,091	0	0	0	0	0	0	150	18,529		Yes
10-May-2021	10-May-2021	1	150	298	7,736	0	0	11,091	0	0	0	0	0	0	150	18,827		Yes
11-May-2021	11-May-2021	1	150	298	8,033	0	0	11,091	0	0	0	0	0	0	150	19,124		Yes
12-May-2021	12-May-2021	1	150	298	8,331	0	0	11,091	0	0	0	0	0	0	150	19,422		Yes
13-May-2021	13-May-2021	1	150	298	8,628	0	0	11,091	0	0	0	0	0	0	150	19,719		Yes
14-May-2021	14-May-2021	1	150	298	8,926	0	0	11,091	0	0	0	0	0	0	150	20,017		Yes
15-May-2021	15-May-2021	1	150	298	9,223	0	0	11,091	0	0	0	0	0	0	150	20,314		Yes
16-May-2021	16-May-2021	1	150	298	9,521	0	0	11,091	0	0	0	0	0	0	150	20,612		Yes
17-May-2021	17-May-2021	1	150	298	9,818	0	0	11,091	0	0	0	0	0	0	150	20,909		Yes
18-May-2021	18-May-2021	1	150	298	10,116	0	0	11,091	0	0	0	0	0	0	150	21,207		Yes
19-May-2021	19-May-2021	1	150	298	10,413	0	0	11,091	0	0	0	0	0	0	150	21,504		Yes
20-May-2021	20-May-2021	1	150	298	10,711	0	0	11,091	0	0	0	0	0	0	150	21,802		Yes
21-May-2021	21-May-2021	1	150	298	11,008	0	0	11,091	0	0	0	0	0	0	150	22,099		Yes
22-May-2021	22-May-2021	1	150	298	11,306	0	0	11,091	0	0	0	0	0	0	150	22,397		Yes
23-May-2021	23-May-2021	1	150	298	11,603	0	0	11,091	0	0	0	0	0	0	150	22,694		Yes
24-May-2021	24-May-2021	1	150	298	11,901	0	0	11,091	0	0	0	0	0	0	150	22,992		Yes
25-May-2021	25-May-2021	1	150	298	12,198	0	0	11,091	0	0	0	0	0	0	150	23,289		Yes
26-May-2021	26-May-2021	1	150	298	12,496	0	0	11,091	0	0	0	0	0	0	150	23,587		Yes
27-May-2021	27-May-2021	1	150	298	12,793	0	0	11,091	0	0	0	0	0	0	150	23,884		Yes
28-May-2021	28-May-2021	1	150	298	13,091	0	0	11,091	0	0	0	0	0	0	150	24,182		Yes
29-May-2021	29-May-2021	1	150	298	13,388	0	0	11,091	0	0	0	0	0	0	150	24,479		Yes
30-May-2021	30-May-2021	1	150	298	13,686	0	0	11,091	0	0	0	0	0	0	150	24,777		Yes
31-May-2021	31-May-2021	1	150	298	13,983	0	0	11,091	0	0	0	0	0	0	150	25,074		Yes
01-Jun-2021	01-Jun-2021	1	50	99	14,083	0	0	11,091	0	0	0	0	0	0	50	25,174		Yes
02-Jun-2021	02-Jun-2021	1	50	99	14,182	0	0	11,091	0	0	0	0	0	0	50	25,273		Yes
03-Jun-2021	03-Jun-2021	1	50	99	14,281	0	0	11,091	0	0	0	0	0	0	50	25,372		Yes
04-Jun-2021	04-Jun-2021	1	50	99	14,380	0	0	11,091	0	0	0	0	0	0	50	25,471		Yes
05-Jun-2021	05-Jun-2021	1	50	99	14,479	0	0	11,091	0	0	0	0	0	0	50	25,570		Yes
06-Jun-2021	06-Jun-2021	1	50	99	14,579	0	0	11,091	0	0	0	0	0	0	50	25,670		Yes
07-Jun-2021	07-Jun-2021	1	50	99	14,678	0	0	11,091	0	0	0	0	0	0	50	25,769		Yes
08-Jun-2021	30-Jul-2021	23	2.381	16,959		0	0	11,091	0	0	0	0	0	0	50	28,060		Yes
01-Jul-2021	31-Jul-2021	31	50	3,074	20,033	0	0	11,091	0	0	0	0	0	0	50	31,124		Yes
01-Aug-2021	31-Aug-2021	31	50	3,074	23,107	0	0	11,091	0	0	0	0	0	0	50	34,198		Yes
01-Sep-2021	30-Sep-2021	30	50	2,975	26,083	0	0	11,091	0	0	0	0	0	0	50	37,174		Yes

Table 2

Tuolumne River Flow Schedule
Based on DWR Values, 60-20-20 Index for 2021, Hydrologic Conditions
Schedule For 2021-2022 Fish Flow Year

From:	DATE		Number of DAYS	BASE FLOW ¹			PULSE FLOW ¹			INTERPOLATION FLOW			Other Adjusted Flow			TOTAL FERC FLOW		Agreed Upon
	To:			CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	ACCUM.	
01-Oct-2021	01-Oct-2021		1	100	198	26,281	0	0	11,091	0	0	0	0	0	0	100	37,372	Yes
02-Oct-2021	02-Oct-2021		1	100	198	26,479	0	0	11,091	0	0	0	0	0	0	100	37,570	Yes
03-Oct-2021	03-Oct-2021		1	100	198	26,678	0	0	11,091	0	0	0	0	0	0	100	37,769	Yes
04-Oct-2021	04-Oct-2021		1	100	198	26,876	0	0	11,091	0	0	0	0	0	0	100	37,967	Yes
05-Oct-2021	05-Oct-2021		1	100	198	27,074	0	0	11,091	0	0	0	0	0	0	100	38,165	Yes
06-Oct-2021	06-Oct-2021		1	100	198	27,273	0	0	11,091	0	0	0	0	0	0	100	38,364	Yes
07-Oct-2021	07-Oct-2021		1	100	198	27,471	0	0	11,091	0	0	0	0	0	0	100	38,562	Yes
08-Oct-2021	08-Oct-2021		1	100	198	27,669	0	0	11,091	0	0	0	0	0	0	100	38,760	Yes
09-Oct-2021	09-Oct-2021		1	100	198	27,868	0	0	11,091	0	0	0	0	0	0	100	38,959	Yes
10-Oct-2021	10-Oct-2021		1	100	198	28,066	0	0	11,091	0	0	0	0	0	0	100	39,157	Yes
11-Oct-2021	11-Oct-2021		1	100	198	28,264	0	0	11,091	0	0	0	0	0	0	100	39,355	Yes
12-Oct-2021	12-Oct-2021		1	100	198	28,463	0	0	11,091	0	0	0	0	0	0	100	39,554	Yes
13-Oct-2021	13-Oct-2021		1	100	198	28,661	0	0	11,091	0	0	0	0	0	0	100	39,752	Yes
14-Oct-2021	14-Oct-2021		1	100	198	28,860	0	0	11,091	0	0	0	0	0	0	100	39,951	Yes
15-Oct-2021	15-Oct-2021		1	100	198	29,058	0	0	11,091	0	0	0	0	0	0	100	40,149	Yes
16-Oct-2021	16-Oct-2021		1	100	198	29,255	0	0	11,091	0	0	0	0	0	0	100	40,346	Yes
17-Oct-2021	17-Oct-2021		1	100	198	29,453	0	0	11,091	0	0	0	0	0	0	100	40,544	Yes
18-Oct-2021	18-Oct-2021		1	100	198	29,650	0	0	11,091	0	0	0	0	0	0	100	40,741	Yes
19-Oct-2021	19-Oct-2021		1	100	198	29,848	0	0	11,091	0	0	0	0	0	0	100	40,939	Yes
20-Oct-2021	20-Oct-2021		1	100	198	30,045	0	0	11,091	0	0	0	0	0	0	100	41,136	Yes
21-Oct-2021	21-Oct-2021		1	100	198	30,243	0	0	11,091	0	0	0	0	0	0	100	41,334	Yes
22-Oct-2021	22-Oct-2021		1	100	198	30,443	0	0	11,091	0	0	0	0	0	0	100	41,532	Yes
23-Oct-2021	23-Oct-2021		1	100	198	31,140	0	0	11,091	0	0	0	0	0	0	100	42,231	Yes
24-Oct-2021	24-Oct-2021		1	100	198	31,736	0	0	11,091	0	0	0	0	0	0	100	42,827	Yes
25-Oct-2021	25-Oct-2021		1	100	198	32,033	0	0	11,091	0	0	0	0	0	0	100	43,124	Yes
26-Oct-2021	26-Oct-2021		1	100	198	32,331	0	0	11,091	0	0	0	0	0	0	100	43,422	Yes
27-Oct-2021	27-Oct-2021		1	100	198	32,628	0	0	11,091	0	0	0	0	0	0	100	43,719	Yes
28-Oct-2021	28-Oct-2021		1	100	198	32,926	0	0	11,091	0	0	0	0	0	0	100	44,017	Yes
29-Oct-2021	29-Oct-2021		1	100	198	33,223	0	0	11,091	0	0	0	0	0	0	100	44,314	Yes
30-Oct-2021	30-Oct-2021		1	100	198	33,521	0	0	11,091	0	0	0	0	0	0	100	44,612	Yes
31-Oct-2021	31-Oct-2021		1	100	198	33,818	0	0	11,091	0	0	0	0	0	0	100	44,909	Yes
01-Nov-2021	01-Nov-2021		1	150	298	34,116	0	0	11,091	0	0	0	0	0	0	150	45,207	Yes
02-Nov-2021	02-Nov-2021		1	150	298	34,413	0	0	11,091	0	0	0	0	0	0	150	45,504	Yes
03-Nov-2021	03-Nov-2021		1	150	298	34,711	0	0	11,091	0	0	0	0	0	0	150	45,802	Yes
04-Nov-2021	04-Nov-2021		1	150	298	35,008	0	0	11,091	0	0	0	0	0	0	150	46,099	Yes
05-Nov-2021	05-Nov-2021		1	150	298	35,306	0	0	11,091	0	0	0	0	0	0	150	46,397	Yes
06-Nov-2021	06-Nov-2021		1	150	298	35,603	0	0	11,091	0	0	0	0	0	0	150	46,694	Yes
07-Nov-2021	07-Nov-2021		1	150	298	35,901	0	0	11,091	0	0	0	0	0	0	150	46,992	Yes
08-Nov-2021	08-Nov-2021		1	150	298	36,198	0	0	11,091	0	0	0	0	0	0	150	47,289	Yes
09-Nov-2021	09-Nov-2021		1	150	298	36,496	0	0	11,091	0	0	0	0	0	0	150	47,587	Yes
10-Nov-2021	10-Nov-2021		1	150	298	36,793	0	0	11,091	0	0	0	0	0	0	150	47,884	Yes
11-Nov-2021	11-Nov-2021		1	150	298	37,091	0	0	11,091	0	0	0	0	0	0	150	48,182	Yes
12-Nov-2021	12-Nov-2021		1	150	298	37,388	0	0	11,091	0	0	0	0	0	0	150	48,479	Yes
13-Nov-2021	13-Nov-2021		1	150	298	37,686	0	0	11,091	0	0	0	0	0	0	150	48,777	Yes
14-Nov-2021	14-Nov-2021		1	150	298	37,983	0	0	11,091	0	0	0	0	0	0	150	49,074	Yes
15-Nov-2021	15-Nov-2021		1	150	298	38,281	0	0	11,091	0	0	0	0	0	0	150	49,372	Yes
16-Nov-2021	16-Nov-2021		1	150	298	38,579	0	0	11,091	0	0	0	0	0	0	150	49,670	Yes
17-Nov-2021	17-Nov-2021		1	150	298	38,876	0	0	11,091	0	0	0	0	0	0	150	49,967	Yes
18-Nov-2021	18-Nov-2021		1	150	298	39,174	0	0	11,091	0	0	0	0	0	0	150	50,265	Yes
19-Nov-2021	19-Nov-2021		1	150	298	39,471	0	0	11,091	0	0	0	0	0	0	150	50,562	Yes
20-Nov-2021	20-Nov-2021		1	150	298	39,769	0	0	11,091	0	0	0	0	0	0	150	50,860	Yes
21-Nov-2021	21-Nov-2021		1	150	298	40,066	0	0	11,091	0	0	0	0	0	0	150	51,157	Yes
22-Nov-2021	22-Nov-2021		1	150	298	40,364	0	0	11,091	0	0	0	0	0	0	150	51,455	Yes
23-Nov-2021	23-Nov-2021		1	150	298	40,661	0	0	11,091	0	0	0	0	0	0	150	51,752	Yes
24-Nov-2021	24-Nov-2021		1	150	298	40,959	0	0	11,091	0	0	0	0	0	0	150	52,050	Yes
25-Nov-2021	25-Nov-2021		1	150	298	41,256	0	0	11,091	0	0	0	0	0	0	150	52,347	Yes
26-Nov-2021	26-Nov-2021		1	150	298	41,554	0	0	11,091	0	0	0	0	0	0	150	52,645	Yes
27-Nov-2021	27-Nov-2021		1	150	298	41,851	0	0	11,091	0	0	0	0	0	0	150	52,942	Yes

Table 2

Tuolumne River Flow Schedule
Based on DWR Values, 60-20-20 Index for 2021, Hydrologic Conditions
Schedule For 2021-2022 Fish Flow Year

DATE		Number of DAYS	BASE FLOW ¹			PULSE FLOW ¹			INTERPOLATION FLOW			Other Adjusted Flow			TOTAL FERC FLOW		Agreed Upon
From:	To:		CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	ACCUM. ¹	
28-Nov-2021	28-Nov-2021	1	150	298	42,149	0	0	11,091	0	0	0	0	0	0	150	53,240	Yes
29-Nov-2021	29-Nov-2021	1	150	298	42,446	0	0	11,091	0	0	0	0	0	0	150	53,537	Yes
30-Nov-2021	30-Nov-2021	1	150	298	42,744	0	0	11,091	0	0	0	0	0	0	150	53,835	Yes
01-Dec-2021	01-Dec-2021	1	150	298	43,041	0	0	11,091	0	0	0	0	0	0	150	54,132	Yes
02-Dec-2021	02-Dec-2021	1	150	298	43,339	0	0	11,091	0	0	0	0	0	0	150	54,430	Yes
03-Dec-2021	03-Dec-2021	1	150	298	43,636	0	0	11,091	0	0	0	0	0	0	150	54,727	Yes
04-Dec-2021	04-Dec-2021	1	150	298	43,934	0	0	11,091	0	0	0	0	0	0	150	55,025	Yes
05-Dec-2021	05-Dec-2021	1	150	298	44,231	0	0	11,091	0	0	0	0	0	0	150	55,322	Yes
06-Dec-2021	06-Dec-2021	1	150	298	44,529	0	0	11,091	0	0	0	0	0	0	150	55,620	Yes
07-Dec-2021	07-Dec-2021	1	150	298	44,826	0	0	11,091	0	0	0	0	0	0	150	55,917	Yes
08-Dec-2021	08-Dec-2021	1	150	298	45,124	0	0	11,091	0	0	0	0	0	0	150	56,215	Yes
09-Dec-2021	09-Dec-2021	1	150	298	45,421	0	0	11,091	0	0	0	0	0	0	150	56,512	Yes
10-Dec-2021	10-Dec-2021	1	150	298	45,719	0	0	11,091	0	0	0	0	0	0	150	56,810	Yes
11-Dec-2021	11-Dec-2021	1	150	298	46,017	0	0	11,091	0	0	0	0	0	0	150	57,108	Yes
12-Dec-2021	12-Dec-2021	1	150	298	46,314	0	0	11,091	0	0	0	0	0	0	150	57,405	Yes
13-Dec-2021	13-Dec-2021	1	150	298	46,612	0	0	11,091	0	0	0	0	0	0	150	57,703	Yes
14-Dec-2021	14-Dec-2021	1	150	298	46,909	0	0	11,091	0	0	0	0	0	0	150	58,000	Yes
15-Dec-2021	15-Dec-2021	1	150	298	47,207	0	0	11,091	0	0	0	0	0	0	150	58,298	Yes
16-Dec-2021	16-Dec-2021	1	150	298	47,504	0	0	11,091	0	0	0	0	0	0	150	58,595	Yes
17-Dec-2021	17-Dec-2021	1	150	298	47,802	0	0	11,091	0	0	0	0	0	0	150	58,893	Yes
18-Dec-2021	18-Dec-2021	1	150	298	48,099	0	0	11,091	0	0	0	0	0	0	150	59,190	Yes
19-Dec-2021	19-Dec-2021	1	150	298	48,397	0	0	11,091	0	0	0	0	0	0	150	59,488	Yes
20-Dec-2021	20-Dec-2021	1	150	298	48,694	0	0	11,091	0	0	0	0	0	0	150	59,785	Yes
21-Dec-2021	21-Dec-2021	1	150	298	48,992	0	0	11,091	0	0	0	0	0	0	150	60,083	Yes
22-Dec-2021	22-Dec-2021	1	150	298	49,289	0	0	11,091	0	0	0	0	0	0	150	60,380	Yes
23-Dec-2021	23-Dec-2021	1	150	298	49,587	0	0	11,091	0	0	0	0	0	0	150	60,678	Yes
24-Dec-2021	24-Dec-2021	1	150	298	49,884	0	0	11,091	0	0	0	0	0	0	150	60,975	Yes
25-Dec-2021	25-Dec-2021	1	150	298	50,182	0	0	11,091	0	0	0	0	0	0	150	61,273	Yes
26-Dec-2021	26-Dec-2021	1	150	298	50,479	0	0	11,091	0	0	0	0	0	0	150	61,570	Yes
27-Dec-2021	27-Dec-2021	1	150	298	50,777	0	0	11,091	0	0	0	0	0	0	150	61,868	Yes
28-Dec-2021	28-Dec-2021	1	150	298	51,074	0	0	11,091	0	0	0	0	0	0	150	62,165	Yes
29-Dec-2021	29-Dec-2021	1	150	298	51,372	0	0	11,091	0	0	0	0	0	0	150	62,463	Yes
30-Dec-2021	30-Dec-2021	1	150	298	51,669	0	0	11,091	0	0	0	0	0	0	150	62,760	Yes
31-Dec-2021	31-Dec-2021	1	150	298	51,967	0	0	11,091	0	0	0	0	0	0	150	63,058	Yes
01-Jan-2022	01-Jan-2022	1	150	298	52,264	0	0	11,091	0	0	0	0	0	0	150	63,355	Yes
02-Jan-2022	02-Jan-2022	1	150	298	52,562	0	0	11,091	0	0	0	0	0	0	150	63,653	Yes
03-Jan-2022	03-Jan-2022	1	150	298	52,860	0	0	11,091	0	0	0	0	0	0	150	63,951	Yes
04-Jan-2022	04-Jan-2022	1	150	298	53,157	0	0	11,091	0	0	0	0	0	0	150	64,248	Yes
05-Jan-2022	05-Jan-2022	1	150	298	53,455	0	0	11,091	0	0	0	0	0	0	150	64,546	Yes
06-Jan-2022	06-Jan-2022	1	150	298	53,752	0	0	11,091	0	0	0	0	0	0	150	64,843	Yes
07-Jan-2022	07-Jan-2022	1	150	298	54,050	0	0	11,091	0	0	0	0	0	0	150	65,141	Yes
08-Jan-2022	08-Jan-2022	1	150	298	54,347	0	0	11,091	0	0	0	0	0	0	150	65,438	Yes
09-Jan-2022	09-Jan-2022	1	150	298	54,645	0	0	11,091	0	0	0	0	0	0	150	65,736	Yes
10-Jan-2022	10-Jan-2022	1	150	298	54,942	0	0	11,091	0	0	0	0	0	0	150	66,033	Yes
11-Jan-2022	11-Jan-2022	1	150	298	55,240	0	0	11,091	0	0	0	0	0	0	150	66,331	Yes
12-Jan-2022	12-Jan-2022	1	150	298	55,537	0	0	11,091	0	0	0	0	0	0	150	66,628	Yes
13-Jan-2022	13-Jan-2022	1	150	298	55,835	0	0	11,091	0	0	0	0	0	0	150	66,926	Yes
14-Jan-2022	14-Jan-2022	1	150	298	56,132	0	0	11,091	0	0	0	0	0	0	150	67,223	Yes
15-Jan-2022	15-Jan-2022	1	150	298	56,430	0	0	11,091	0	0	0	0	0	0	150	67,521	Yes
16-Jan-2022	16-Jan-2022	1	150	298	56,727	0	0	11,091	0	0	0	0	0	0	150	67,818	Yes
17-Jan-2022	17-Jan-2022	1	150	298	57,025	0	0	11,091	0	0	0	0	0	0	150	68,116	Yes
18-Jan-2022	18-Jan-2022	1	150	298	57,322	0	0	11,091	0	0	0	0	0	0	150	68,413	Yes
19-Jan-2022	19-Jan-2022	1	150	298	57,620	0	0	11,091	0	0	0	0	0	0	150	68,711	Yes
20-Jan-2022	20-Jan-2022	1	150	298	57,917	0	0	11,091	0	0	0	0	0	0	150	69,008	Yes
21-Jan-2022	21-Jan-2022	1	150	298	58,215	0	0	11,091	0	0	0	0	0	0	150	69,306	Yes
22-Jan-2022	22-Jan-2022	1	150	298	58,512	0	0	11,091	0	0	0	0	0	0	150	69,603	Yes
23-Jan-2022	23-Jan-2022	1	150	298	58,810	0	0	11,091	0	0	0	0	0	0	150	69,901	Yes
24-Jan-2022	24-Jan-2022	1	150	298	59,107	0	0	11,091	0	0	0	0	0	0	150	70,198	Yes

Table 2

Tuolumne River Flow Schedule
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Schedule For 2021-2022 Fish Flow Year

DATE		Number of DAYS	BASE FLOW ¹			PULSE FLOW ¹			INTERPOLATION FLOW			Other Adjusted Flow			TOTAL FERC FLOW		Agreed Upon
From:	To:		CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	AF	ACCUM.	CFS	ACCUM. ¹	
25-Jan-2022	25-Jan-2022	1	150	298	59,406	0	0	11,091	0	0	0	0	0	0	150	70,496	Yes
26-Jan-2022	26-Jan-2022	1	150	298	59,702	0	0	11,091	0	0	0	0	0	0	150	70,793	Yes
27-Jan-2022	27-Jan-2022	1	150	298	60,000	0	0	11,091	0	0	0	0	0	0	150	71,091	Yes
28-Jan-2022	28-Jan-2022	1	150	298	60,298	0	0	11,091	0	0	0	0	0	0	150	71,389	Yes
29-Jan-2022	29-Jan-2022	1	150	298	60,595	0	0	11,091	0	0	0	0	0	0	150	71,686	Yes
30-Jan-2022	30-Jan-2022	1	150	298	60,893	0	0	11,091	0	0	0	0	0	0	150	71,984	Yes
31-Jan-2022	31-Jan-2022	1	150	298	61,190	0	0	11,091	0	0	0	0	0	0	150	72,281	Yes
01-Feb-2022	01-Feb-2022	1	150	298	61,488	0	0	11,091	0	0	0	0	0	0	150	72,579	Yes
02-Feb-2022	02-Feb-2022	1	150	298	61,785	0	0	11,091	0	0	0	0	0	0	150	72,876	Yes
03-Feb-2022	03-Feb-2022	1	150	298	62,083	0	0	11,091	0	0	0	0	0	0	150	73,174	Yes
04-Feb-2022	04-Feb-2022	1	150	298	62,380	0	0	11,091	0	0	0	0	0	0	150	73,471	Yes
05-Feb-2022	05-Feb-2022	1	150	298	62,678	0	0	11,091	0	0	0	0	0	0	150	73,769	Yes
06-Feb-2022	06-Feb-2022	1	150	298	62,975	0	0	11,091	0	0	0	0	0	0	150	74,066	Yes
07-Feb-2022	07-Feb-2022	1	150	298	63,273	0	0	11,091	0	0	0	0	0	0	150	74,364	Yes
08-Feb-2022	08-Feb-2022	1	150	298	63,570	0	0	11,091	0	0	0	0	0	0	150	74,661	Yes
09-Feb-2022	09-Feb-2022	1	150	298	63,868	0	0	11,091	0	0	0	0	0	0	150	74,959	Yes
10-Feb-2022	10-Feb-2022	1	150	298	64,165	0	0	11,091	0	0	0	0	0	0	150	75,256	Yes
11-Feb-2022	11-Feb-2022	1	150	298	64,463	0	0	11,091	0	0	0	0	0	0	150	75,554	Yes
12-Feb-2022	12-Feb-2022	1	150	298	64,760	0	0	11,091	0	0	0	0	0	0	150	75,851	Yes
13-Feb-2022	13-Feb-2022	1	150	298	65,058	0	0	11,091	0	0	0	0	0	0	150	76,149	Yes
14-Feb-2022	14-Feb-2022	1	150	298	65,355	0	0	11,091	0	0	0	0	0	0	150	76,446	Yes
15-Feb-2022	15-Feb-2022	1	150	298	65,653	0	0	11,091	0	0	0	0	0	0	150	76,744	Yes
16-Feb-2022	16-Feb-2022	1	150	298	65,950	0	0	11,091	0	0	0	0	0	0	150	77,041	Yes
17-Feb-2022	17-Feb-2022	1	150	298	66,248	0	0	11,091	0	0	0	0	0	0	150	77,339	Yes
18-Feb-2022	18-Feb-2022	1	150	298	66,545	0	0	11,091	0	0	0	0	0	0	150	77,636	Yes
19-Feb-2022	19-Feb-2022	1	150	298	66,843	0	0	11,091	0	0	0	0	0	0	150	77,934	Yes
20-Feb-2022	20-Feb-2022	1	150	298	67,140	0	0	11,091	0	0	0	0	0	0	150	78,231	Yes
21-Feb-2022	21-Feb-2022	1	150	298	67,438	0	0	11,091	0	0	0	0	0	0	150	78,529	Yes
22-Feb-2022	22-Feb-2022	1	150	298	67,736	0	0	11,091	0	0	0	0	0	0	150	78,827	Yes
23-Feb-2022	23-Feb-2022	1	150	298	68,033	0	0	11,091	0	0	0	0	0	0	150	79,124	Yes
24-Feb-2022	24-Feb-2022	1	150	298	68,331	0	0	11,091	0	0	0	0	0	0	150	79,422	Yes
25-Feb-2022	25-Feb-2022	1	150	298	68,628	0	0	11,091	0	0	0	0	0	0	150	79,719	Yes
26-Feb-2022	26-Feb-2022	1	150	298	68,926	0	0	11,091	0	0	0	0	0	0	150	80,017	Yes
27-Feb-2022	27-Feb-2022	1	150	298	69,223	0	0	11,091	0	0	0	0	0	0	150	80,314	Yes
28-Feb-2022	28-Feb-2022	1	150	298	69,521	0	0	11,091	0	0	0	0	0	0	150	80,612	Yes
01-Mar-2022	01-Mar-2022	1	150	298	69,818	0	0	11,091	0	0	0	0	0	0	150	80,909	Yes
02-Mar-2022	02-Mar-2022	1	150	298	70,116	0	0	11,091	0	0	0	0	0	0	150	81,207	Yes
03-Mar-2022	03-Mar-2022	1	150	298	70,413	0	0	11,091	0	0	0	0	0	0	150	81,504	Yes
04-Mar-2022	04-Mar-2022	1	150	298	70,711	0	0	11,091	0	0	0	0	0	0	150	81,802	Yes
05-Mar-2022	05-Mar-2022	1	150	298	71,008	0	0	11,091	0	0	0	0	0	0	150	82,099	Yes
06-Mar-2022	06-Mar-2022	1	150	298	71,306	0	0	11,091	0	0	0	0	0	0	150	82,397	Yes
07-Mar-2022	07-Mar-2022	1	150	298	71,603	0	0	11,091	0	0	0	0	0	0	150	82,694	Yes
08-Mar-2022	08-Mar-2022	1	150	298	71,901	0	0	11,091	0	0	0	0	0	0	150	82,992	Yes
09-Mar-2022	09-Mar-2022	1	150	298	72,198	0	0	11,091	0	0	0	0	0	0	150	83,289	Yes
10-Mar-2022	10-Mar-2022	1	150	298	72,496	0	0	11,091	0	0	0	0	0	0	150	83,587	Yes
11-Mar-2022	11-Mar-2022	1	150	298	72,793	0	0	11,091	0	0	0	0	0	0	150	83,884	Yes
12-Mar-2022	12-Mar-2022	1	150	298	73,091	0	0	11,091	0	0	0	0	0	0	150	84,182	Yes
13-Mar-2022	13-Mar-2022	1	150	298	73,388	0	0	11,091	0	0	0	0	0	0	150	84,479	Yes
14-Mar-2022	14-Mar-2022	1	150	298	73,686	0	0	11,091	0	0	0	0	0	0	150	84,777	Yes
15-Mar-2022	15-Mar-2022	1	150	298	73,983	0	0	11,091	0	0	0	0	0	0	150	85,074	Yes
16-Mar-2022	16-Mar-2022	1	150	298	74,281	0	0	11,091	0	0	0	0	0	0	150	85,372	Yes
17-Mar-2022	17-Mar-2022	1	150	298	74,579	0	0	11,091	0	0	0	0	0	0	150	85,670	Yes
18-Mar-2022	18-Mar-2022	1	150	298	74,876	0	0	11,091	0	0	0	0	0	0	150	85,967	Yes
19-Mar-2022	19-Mar-2022	1	150	298	75,174	0	0	11,091	0	0	0	0	0	0	150	86,265	Yes
20-Mar-2022	20-Mar-2022	1	150	298	75,471	0	0	11,091	0	0	0	0	0	0	150	86,562	Yes
21-Mar-2022	21-Mar-2022	1	150	298	75,769	0	0	11,091	0	0	0	0	0	0	150	86,860	Yes
22-Mar-2022	22-Mar-2022	1	150	298	76,066	0	0	11,091	0	0	0	0	0	0	150	87,157	Yes
23-Mar-2022	23-Mar-2022	1	150	298	76,364	0	0	11,091	0	0	0	0	0	0	150	87,455	Yes

Tuolumne River Flow Schedule
Table 2
Based on DWR Values, 60-20-20 Index for 2021, Hydrologic Conditions
Schedule For 2021-2022 Fish Flow Year

DATE	From: To:	Number of DAYS	BASE FLOW ¹			PULSE FLOW ²			INTERPOLATION FLOW			Other Adjusted Flow			TOTAL FERC FLOW		Agreed Upon
			CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	ACCUM. A.F.	
24-Mar-2022	24-Mar-2022	1	150	298	76,661	0	0	11,091	0	0	0	0	0	0	150	87,752	Yes
25-Mar-2022	25-Mar-2022	1	150	298	76,959	0	0	11,091	0	0	0	0	0	0	150	88,050	Yes
26-Mar-2022	26-Mar-2022	1	150	298	77,256	0	0	11,091	0	0	0	0	0	0	150	88,347	Yes
27-Mar-2022	27-Mar-2022	1	150	298	77,554	0	0	11,091	0	0	0	0	0	0	150	88,645	Yes
28-Mar-2022	28-Mar-2022	1	150	298	77,851	0	0	11,091	0	0	0	0	0	0	150	88,942	Yes
29-Mar-2022	29-Mar-2022	1	150	298	78,149	0	0	11,091	0	0	0	0	0	0	150	89,240	Yes
30-Mar-2022	30-Mar-2022	1	150	298	78,446	0	0	11,091	0	0	0	0	0	0	150	89,537	Yes
31-Mar-2022	31-Mar-2022	1	150	298	78,744	0	0	11,091	0	0	0	0	0	0	150	89,835	Yes
01-Apr-2022	01-Apr-2022	1	150	298	79,041	0	0	11,091	0	0	0	0	0	0	150	90,132	Yes
02-Apr-2022	02-Apr-2022	1	150	298	79,339	0	0	11,091	0	0	0	0	0	0	150	90,430	Yes
03-Apr-2022	03-Apr-2022	1	150	298	79,636	0	0	11,091	0	0	0	0	0	0	150	90,727	Yes
04-Apr-2022	04-Apr-2022	1	150	298	79,934	0	0	11,091	0	0	0	0	0	0	150	91,025	Yes
05-Apr-2022	05-Apr-2022	1	150	298	80,231	0	0	11,091	0	0	0	0	0	0	150	91,322	Yes
06-Apr-2022	06-Apr-2022	1	150	298	80,529	0	0	11,091	0	0	0	0	0	0	150	91,620	Yes
07-Apr-2022	07-Apr-2022	1	150	298	80,826	0	0	11,091	0	0	0	0	0	0	150	91,917	Yes
08-Apr-2022	08-Apr-2022	1	150	298	81,124	0	0	11,091	0	0	0	0	0	0	150	92,215	Yes
09-Apr-2022	09-Apr-2022	1	150	298	81,421	0	0	11,091	0	0	0	0	0	0	150	92,512	Yes
10-Apr-2022	10-Apr-2022	1	150	298	81,719	0	0	11,091	0	0	0	0	0	0	150	92,810	Yes
11-Apr-2022	11-Apr-2022	1	150	298	82,017	0	0	11,091	0	0	0	0	0	0	150	93,108	Yes
12-Apr-2022	12-Apr-2022	1	150	298	82,314	0	0	11,091	0	0	0	0	0	0	150	93,405	Yes
13-Apr-2022	13-Apr-2022	1	150	298	82,612	0	0	11,091	0	0	0	0	0	0	150	93,703	Yes
14-Apr-2022	14-Apr-2022	1	150	298	82,909	0	0	11,091	0	0	0	0	0	0	150	94,000	Yes
No. of days		365															
			139406.2923														

1 cfs day = 1,983,471 acre-feet (af)

1. Total accumulation amount pertains to 2020-2021 Fish Year only.
2. The pulse flows are a target that represents a daily average target. The actual operational data will be adjusted to attain the annual requirement.
3. Water that was to be released for the base flow for the 10/1-10/6 period is moved to the 10/16 and 10/17 period.
4. Based on an hourly calculation schedule for the target flows. This represents a daily average.

Case	60-20-20 Index	Base Total	Pulse Total	Interpolation Total	Adjustment Total	FERC Total
90%	1,351,183	82,909	11,091	-	-	94,000
	Scheduled Above	82,909	11,091	-	-	94,000
	Difference	(0)	-	-	-	(0)

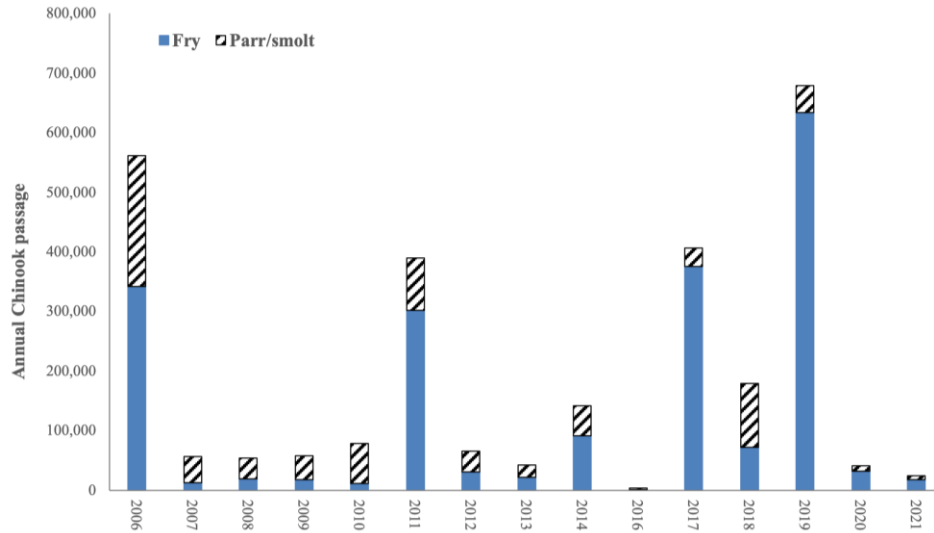


Figure 1. Annual Chinook salmon passage at Waterford by lifestage, 2006-2021.



Figure 2. Annual adult Chinook salmon passage at the Tuolumne River Weir, 2009-2020.

Snorkel Survey results for Chinook and *O. mykiss*

August 3 - 5, 2021

RM	Site	Description	Juvenile Chinook (<200mm)	Juvenile <i>O. mykiss</i> (<150mm)	Adult <i>O. mykiss</i> (≥150mm)	Total <i>O. mykiss</i>
50.7	Riffle A7	below La Grange	0	1	2	3
49.9	Riffle 2	below NLGB	0	3	13	16
49.1	Riffle 3B	upper Basso	0	0	16	16
48.0	Riffle 5B	above Basso Bridge	2	0	12	12
46.9	Riffle 7	upper Zanker	0	9	0	9
45.6	Riffle 13B	Zanker Ranch	0	0	0	0
42.9	Riffle 21	Bobcat Flat	0	0	0	0
42.3	Riffle 23C	Tuolumne River Resort	0	0	0	0
38.1	Riffle 31	7/11 Gravel	0	0	0	0
37.0	Riffle 35A	Santa Fe Gravel	0	0	0	0
35.3	Riffle 41A	Dierdorff Ranch	0	0	0	0
31.5	Riffle 57	below Hickman Bridge	0	0	0	0

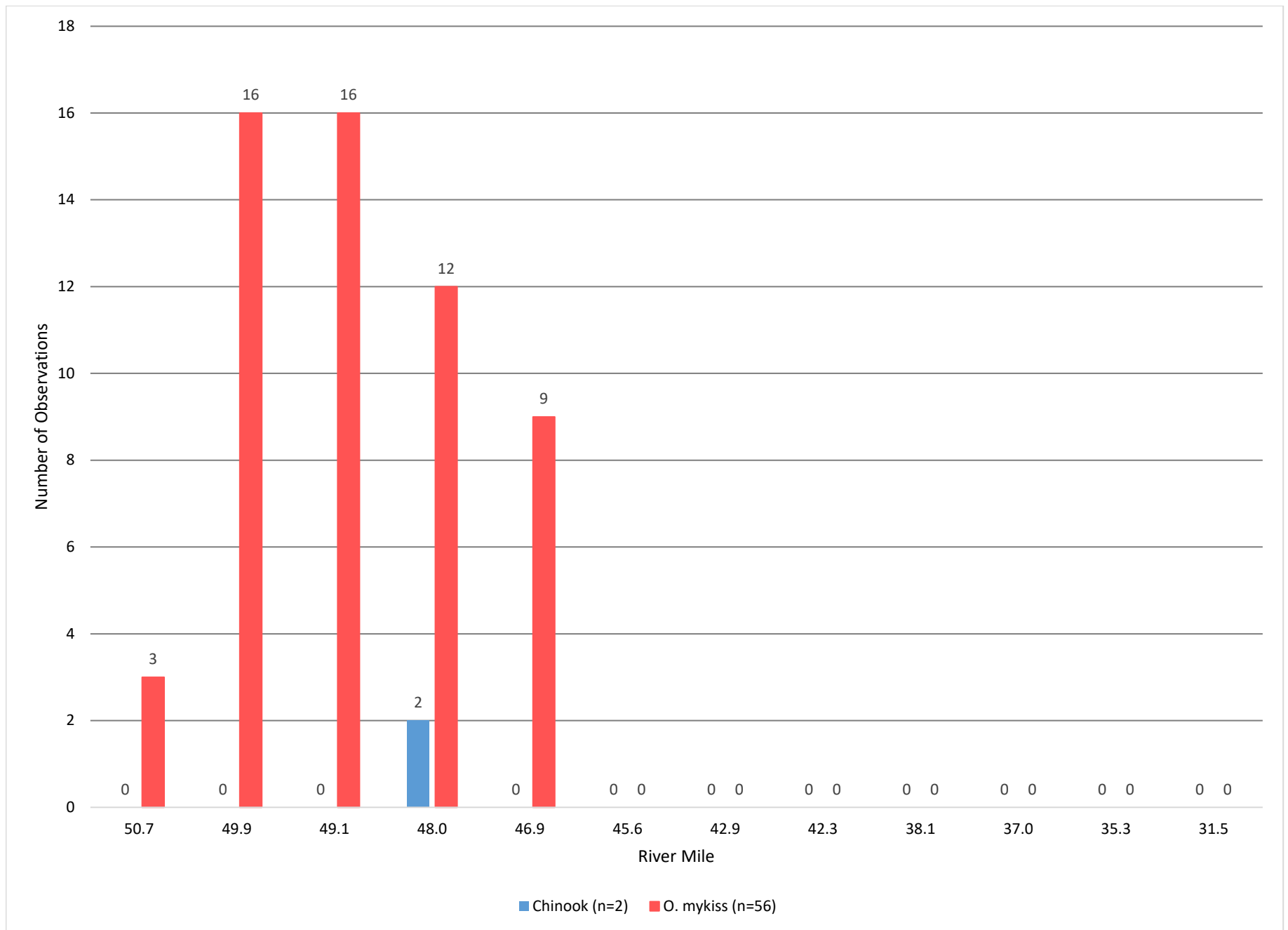
Totals	2	13	43	56
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Note:

Chinook at only one location (RM 48.0)

O. mykiss observed primarily upstream of Basso Bridge (RM 47.5)

No salmonids observed below RM 46.9



Infiltration Gallery SRWA Update 09082021

Water quality sampling was completed sometime last year. The contractor has been focused on construction of the water treatment plant facilities and finished the water pipeline to Turlock. The contractor will begin installing the finished water pipeline to Ceres in November.