

TO: Rosedale-Rio Bravo Water Storage District Board of Directors
Agenda Item 7.a.i

FROM: Dan W. Bartel

DATE: June 11, 2024

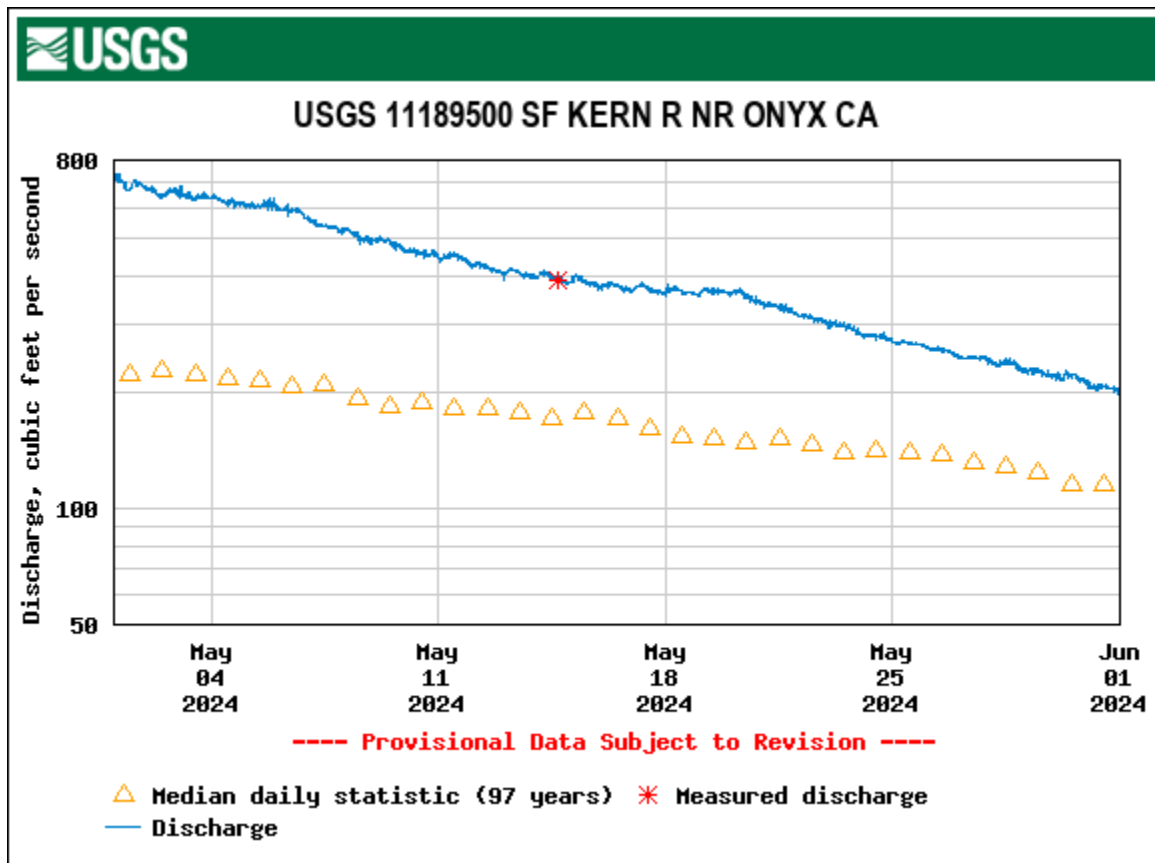
RE: Onyx Ranch Operations Report

Discussion:

Staff has:

- Continued operation of conveyance facilities
- USGS verified the South Fork station on May14
- Staff did not stream gage during the month due to high flows
- Staff commenced with summer fencing replacement projects
- Staff preparing to place insulation in shop

South Fork flows downstream of Bloomfield averaged 412 cfs plus calculated accretions of 8 cfs, for a total average flow of about 420 cfs.



May-2024

Daily values in SFD = Second Foot Days, Monthly total in AF = Acre-Feet

Date	South Fork			D.Prince (4,5,17,20-22,37)			Hafenfeld (5)			RRBWS (1,3,6,7,12, Wirth1, 30,33, Boone,1/3 Smith)				J.Nicoll (3)	Audubon (4,5,9,Wirth1,17,18) (20-22,Wirth2,27,29,37)		Smith (2/3 Smith)	RRBWS (1/3 Smith)		Total Diverted	South Fork		RRBWS to Isabella	Simulated Per Project Parameters		% Redire
	Mean Flow	USGS - Onyx @ 0500	Accretions	Doyle Ranch Road	Mill/Hillside	Miller	Prince	Miller	Landers	Cottonwood	Scodie/Mack	Landers	Nicoll	Redirected "Gross Project Water"	Nicoll	Cottonwood	Nicoll	Smith	Smith	Redirected "Gross Project Water"	Sierra Way "Flow"	Patterson "Flow"	"Net Project Water"	Redirected "Gross Project Water"	"Net Project Water"	
1	698	700	#		5.1	15.0	5.1			14.0	11.0		0.0	9.1	5.0	5.5	7.0	3.5	0	87			0.0	43.0	30	70.40%
2	663	667	#		5.0	12.0	5.0			13.9	14.0		0.0	8.0	7.0	4.6	7.0	3.5	0	87			0.0	43.0	30	70.40%
3	647	648	#		4.6	14.0	4.6			14.0	9.0		0.0	9.1	7.0	5.0	6.9	3.5	0	85			0.0	43.0	30	70.40%
4	627	636	#		4.8	12.0	4.8			12.6	12.0		0.0	9.8	5.0		7.0	3.5	0	78			0.0	43.0	30	70.40%
5	614	617	#		4.6	12.0	4.6			13.0	11.0		0.0	8.7	5.0		6.5	3.2	0	75			0.0	43.0	30	70.40%
6	591	598	#		4.6	12.0	4.6			16.3	11.0		0.0	10.8	5.0		6.6	3.3	0	81			0.0	43.0	30	70.40%
7	543	556	#		4.7	12.0	4.7			17.2	6.0		0.0	8.0	9.0		6.3	3.1	0	77			0.0	43.0	30	70.40%
8	513	532	#		4.1	11.0	4.1			17.8	17.0		0.0	7.8	6.0		6.0	3.0	0	83			0.0	43.0	32	73.50%
9	490	509	#		4.2	14.0	4.2			17.7	16.0	7.3	0.0		5.5		6.5	3.2	0	85			0.0	43.0	32	73.50%
10	461	465	#		4.1	14.0	4.1			17.8	16.0	13.8	0.0		5.0		5.8	2.9	0	89			0.0	43.0	32	73.50%
11	448	446	#		4.0	14.0	4.0			16.7	16.0	14.3	0.0		5.5		5.6	2.8	0	89			0.0	43.0	32	73.50%
12	421	430	#		4.25	14.0	4.3			17.2	16.0	11.9	0.0		5.0		5.3	2.7	0	86			0.0	43.0	32	73.50%
13	407	420	#		4.1	14.0	4.1			16.4	16.0	13.6	0.0		5.0		5.3	2.7	0	86			0.0	43.0	32	73.50%
14	398	409	#		3.95	12.0	4.0			16.0	16.0	13.1	0.0		6.0		5.3	2.7	0	84			0.0	43.0	32	73.50%
15	388	399	#		3.6	13.0	3.6			15.6	13.0	11.3	0.0		8.0		5.4	2.7	0	82			0.0	43.0	32	73.50%
16	376	378	#		3.4	12.0	3.4			15.7	13.0	12.0	0.0		8.0		8.7	4.3	0	89			0.0	43.0	32	73.50%
17	370	378	#		3.3	11.0	3.3			15.8	14.0	12.7	0.0		8.0		9.0	4.5	0	91			0.0	43.0	32	73.50%
18	366	368	#		3.7	11.0	3.7			15.2	15.0	12.0	0.0		9.0		9.2	4.6	0	93			0.0	43.0	32	73.50%
19	366	373	#		3.5	11.0	3.5			15.4	15.0	13.4	0.0		8.0		9.1	4.5	0	93			0.0	43.0	32	73.50%
20	354	364	#		3.6	11.0	3.6			18.7	15.0	12.8	0.0		8.0		9.2	4.6	0	96			0.0	43.0	32	73.50%
21	331	333	#		3.5	11.0	3.5			16.7	15.0	13.1	0.0		9.0		9.2	4.6	0	95			0.0	43.0	32	73.50%
22	311	314	#		7.6	11.0	7.6			15.7	16.0	12.4	0.0		5.5		8.7	4.4	0	98			0.0	43.0	32	73.50%
23	296	300	#		7.1	11.0	7.0			16.3	16.0	12.4	0.0		6.0		8.0	4.0	0	96			0.0	43.0	32	73.50%
24	280	280	#		6.9	11.0	6.9			15.2	15.0	12.4	0.0		6.0		7.9	3.9	0	93			0.0	43.0	32	73.50%
25	269	268	#		6.5	11.0	6.6			15.2	15.0	12.0	0.0		6.0		7.6	3.8	0	91			0.0	43.0	32	73.50%
26	257	260	#		7.2	11.0	7.1			14.4	17.0	11.9	0.0		5.0		7.1	3.6	0	91			0.0	43.0	32	73.50%
27	246	246	#		5.9	11.0	5.9			15.0	16.0	10.3	0.0		6.0		6.9	3.4	0	87			0.0	43.0	32	73.50%
28	237	233	#		5.8	11.0	5.8			15.6	14.0		0.0	10.0	6.0		6.8	3.4	0	85			0.0	43.0	32	73.50%
29	226	228	#		5.2	11.0	5.3			16.3	15.0		0.0	11.3	5.0		7.1	3.5	0	87			0.0	43.0	32	73.50%
30	219	217	#		5.1	11.0	5.1			14.8	16.0		0.0	11.3	5.0		6.6	3.3	0	85			0.0	43.0	32	73.50%
31	206	206	#		5.1	11.0	5.1			15.3	15.0		0.0	11.0	6.0		6.5	3.2	0	85			0.0	43.0	32	73.50%
SFD	12,616	12,778	248		0	149	372	149	0	0	488	442	233	0	115	196	15	220	110	2,708			0	1333	970	
AF	25,023	25,345	492		0	295	738	295	0	0	967	877	461	0	228	388	30	437	218	5,371			0	2,644	1,925	
		412	8			1,033				295			2,305	228		418	7.1	3.6		87			0.0			

Note: Cottonwood via the Landers
 Redirected Historic Irrigation Demand Limit = 43
 ## Saturday South Fork Doyle Ranch Flow measurement, value carries for next week Tuesday-Monday.

Bold ## on USGS denotes USGS gage verification
 USGS SFork at 0500