

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

FROM: Dan W. Bartel

DATE: April 8, 2025

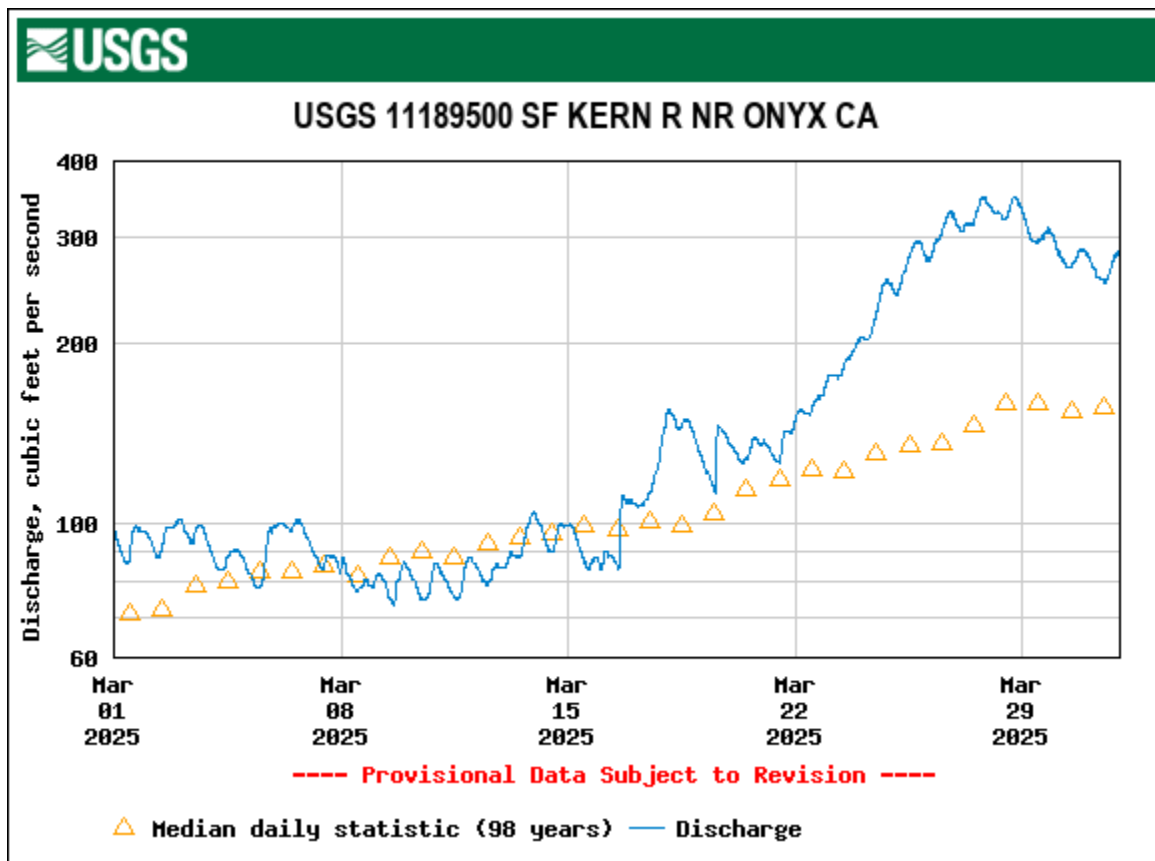
RE: Onyx Ranch Operations Report

Discussion:

Staff has:

- Continued operation of conveyance facilities
- USGS did not verify South Fork station in March.
- Staff stream gaged one time during the month
- Staff worked on ditch cleaning
- Staff designing iron treatment system for new stockwater/domestic well
- Staff continued coordinating with KRI's on starting project flows as soon as possible

South Fork flows downstream of Bloomfield averaged 136 cfs plus calculated accretions of 14 cfs, for a total average flow of about 150 cfs.



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

March-2025

Date	South Fork			D.Prince (4,5,17,20-22,37)			Hafenfeld (5)			RRBWS (1,3,6,7,12, Wirth1, 30,33, Boone)				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	
	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	Total Smith	Smith	Smith	Redirected "Gross Project Water"		Sierra Way "Flow"	Patterson "Flow"	"Net Project Water"	Redirected "Gross Project Water"	"Net Project Water"	
1	94	90	17			13.0					12.0		0.0				8.0	5.3	2.7		33	Yes	Yes	0	35.0	21		
2	95	91	17			13.0					12.0		0.0				8.0	5.3	2.7		33	Yes	Yes	0	35.0	21		
3	97	96	17			13.0					12.0		0.0				10.6	7.1	3.5		36	Yes	Yes	0	35.0	21		
4	87	84	17			13.0					12.0		0.0				9.4	6.3	3.1		34	Yes	Yes	0	35.0	21		
5	87	83	17			13.0					10.0		0.0				9.0	6.0	3.0		32	Yes	Yes	0	0.0	0		
6	99	100	17			12.0					10.0		0.0				10.9	7.3	3.6		33	Yes	Yes	0	0.0	0		
7	88	89	17			12.0					8.0		0.0				9.4	6.3	3.1		29	Yes	Yes	0	0.0	0		
8	81	82	17			12.0					8.0		0.0				8.0	5.3	2.7		28	Yes	Yes	0	0.0	0		
9	80	82	17			12.0					8.0		0.0				8.0	5.3	2.7		28	Yes	Yes	0	0.0	0		
10	80	81	17			12.0					8.0		0.0				4.9	3.3	1.6		25	Yes	Yes	0	0.0	0		
11	80	81	17			10.0					8.0		0.0				4.8	3.2	1.6		23	Yes	Yes	0	0.0	0		
12	83	85	17			12.0				12.6	10.0		0.0				5.0	3.3	1.7		40	Yes	Yes	0	0.0	0		
13	93	89	17			12.0				10.7	10.0		0.0				5.8	3.9	1.9		39	Yes	Yes	0	0.0	0		
14	96	98	17			12.0				10.6	10.0		0.0				6.1	4.1	2.0		39	Yes	Yes	0	0.0	0		
15	90	96	17			12.0				11.0	10.0		0.0				6.1	4.1	2.0		39	Yes	Yes	0	35.0	22		
16	96	90	17			12.0				11.0	10.0		0.0				5.7	3.8	1.9		39	Yes	Yes	0	35.0	22		
17	117	107	17			12.0				18.6	10.0		0.0				6.9	4.6	2.3		47	Yes	Yes	0	35.0	22		
18	147	151	17			12.0				14.5	10.0		0.0	9.5			9.5	6.3	3.2		55	Yes	Yes	0	35.0	22		
19	130	124	17			12.0				14.4	10.0		0.0	7.9			9.5	6.3	3.2		54	Yes	Yes	0	35.0	22		
20	133	131	17			12.0				14.0	10.0		0.0	8.7			9.5	6.3	3.2		54	Yes	Yes	0	35.0	22		
21	136	132	7	96		12.0				13.8	10.0		0.0	10.2			9.6	6.4	3.2		56	Yes	Yes	0	35.0	22		
22	158	154	7			12.0				13.7	10.0		0.0	9.5			9.8	6.5	3.3		55	Yes	Yes	0	35.0	22		
23	185	177	7			12.0				13.6	10.0		0.0	9.9			11.8	7.9	3.9		57	Yes	Yes	0	35.0	22		
24	226	191	7			12.0				13.3	10.0		0.0	6.0			13.4	8.9	4.5		55	Yes	Yes	0	35.0	22		
25	271	245	7			12.0				13.3	10.0		0.0	15.9			10.0	6.7	3.3		61	Yes	Yes	0	35.0	22		
26	303	324	7			12.0				12.3	10.0		0.0	10.1			10.5	7.0	3.5		55	Yes	Yes	0	35.0	22		
27	326	311	7			12.0				11.6	10.0		0.0	7.8			11.2	7.5	3.7		70	Yes	Yes	0	35.0	23		
28	334	350	7			8.5	12.0	8.5			10.0		0.0	8.0			11.1	7.4	3.7		58	Yes	Yes	0	35.0	23		
29	303	304	7			6.2	10.0	6.2			10.0	8.0	0.0	8.0			10.5	7.0	3.5		59	Yes	Yes	0	35.0	23		
30	277	277	7			6.0	10.0	6.0			10.0	7.0	0.0	7.0			10.6	7.1	3.5		57	Yes	Yes	0	35.0	23		
31	266	265	7			5.8	10.0	5.8			10.0	7.0	0.0	7.0			10.5	7.0	3.5		56	Yes	Yes	0	35.0	23		
SFD	4,736	4,660	418		0	32	367	32	0	0	209	308	30	0	125	0	0	274	183	91				0	735	465		
AF	9,394	9,243	828		0	63	728	63	0	0	414	611	60	0	248	0	0	544	362	181				0	1,458	923		

Note: USGS 5Fork at 0500 Cottonwood via the Landers Redirected Historic Irrigation Demand Limit = 35

Bold ## on USGS denotes USGS gage verification