

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

FROM: Dan W. Bartel

DATE: June 13, 2023

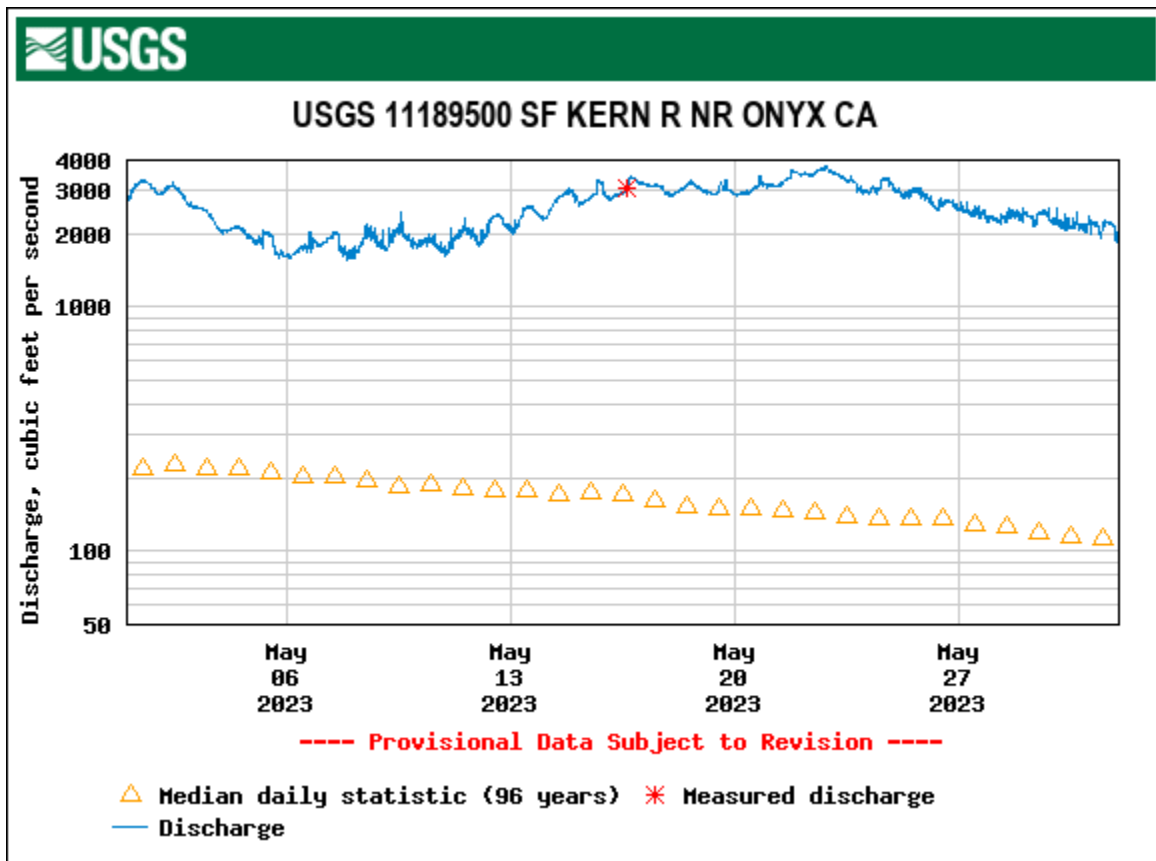
RE: Onyx Ranch Operations Report

Discussion:

Staff has been working to implement the District’s developing goals and objectives on the Ranch. Specifically, staff has:

- Continued operation of conveyance system
- Completed repair of March flood damages on Smith Ditch
- Hunter’s Cabin and Store are now vacant, removing left behind items.
- Commenced with replacement of septic system.
- Coordinated with KRI’s operations – Continued irrigation in coordination with Watermaster

South Fork flows downstream of Bloomfield averaged 2546 cfs plus calculated accretions of 7 cfs, for a total average flow of about 2553 cfs. Ag wells were not operated. Onyx Project was paused on 4/19 per coordination with KR Watermaster and irrigation flows commenced.



South Fork Kern River Monthly Measurement Report

May-2023

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)			RRBWSD (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	Total Diverted	South Fork		RRBWSD to Isabella
	Mean Flow	USGS - Onyx	Accretions	Doyle Ranch Road	Mill/Hillside	Miller	Prince	Miller	Landers	Cottonwood	Scodie/Mack	Landers	Nicoll	Redirected "Gross Project Water"	Nicoll	Cottonwood	Nicoll	Smith		Sierra Way "Flow"	Patterson "Flow"	"Net Project Water"	
1	3155	3140	7.00			2.5	13.1	2.5		15.9	35.0	12.0	0.0	6.0				87	Yes	Yes	0.0		
2	3009	3120	7.00			2.0	15.6	2.0		16.7	35.0	24.3	0.0					96	Yes	Yes	0.0		
3	2445	2650	7.00			3.0	13.8	3.0		17.2	30.0	19.7	0.0					87	Yes	Yes	0.0		
4	2092	2120	7.00			3.0	13.6	3.0		16.8	25.0	22.5	0.0					84	Yes	Yes	0.0		
5	1877	1850	7.00			2.5	13.2	2.5		16.8	25.0	20.9	0.0					81	Yes	Yes	0.0		
6	1812	1690	7.00			3.0	12.0	3.0		15.8	25.0	18.8	0.0					78	Yes	Yes	0.0		
7	1882	1910	7.00			3.0	12.0	3.0		16.6	25.0	18.0	0.0					78	Yes	Yes	0.0		
8	1912	1760	7.00			2.5	15.0	2.5		16.0	25.0	20.0	0.0					81	Yes	Yes	0.0		
9	2001	2200	7.00			2.5	16.0	2.5		15.2	25.0	22.1	0.0					83	Yes	Yes	0.0		
10	1886	1870	7.00			3.0	12.3	3.0		15.0	27.0	18.5	0.0					79	Yes	Yes	0.0		
11	2026	1950	7.00			3.5	13.2	3.5		15.0	27.0	17.4	0.0					80	Yes	Yes	0.0		
12	2266	2030	7.00		7.0	3.0	13.5	3.0		15.2	27.0	15.9	0.0					85	Yes	Yes	0.0		
13	2473	2260	7.00		7.0	3.0	13.7	3.0		14.0	26.0		0.0	11.0		8.0		86	Yes	Yes	0.0		
14	2840	2580	7.00		2.0	3.5	13.7	3.5		17.6	27.0		0.0	10.0		8.0		85	Yes	Yes	0.0		
15	2982	2780	7.00		4.0	3.5	13.9	3.5		13.3	20.0		0.0	12.0		8.0		78	Yes	Yes	0.0		
16	3081	2820	7.00		5.0	0.5	14.1	0.5		12.7	24.0		0.0	14.1			5.0	76	Yes	Yes	0.0		
17	2980	3200	7.00		7.0	1.0	14.0	1.0			25.0		0.0	10.3			8.2	67	Yes	Yes	0.0		
18	2949	2950	7.00		7.0	0.5	13.3	0.5			24.2		0.0	9.9			8.7	64	Yes	Yes	0.0		
19	3013	2990	7.00		7.0	0.5	16.2	0.5			25.0		0.0	10.0			8.5	68	Yes	Yes	0.0		
20	3058	2940	7.00		7.0	0.5	16.2	0.5			19.4		0.0	12.8			8.3	65	Yes	Yes	0.0		
21	3314	3150	7.00		8.0	0.5	17.3	0.5			18.8		0.0	12.9			9.1	67	Yes	Yes	0.0		
22	3587	3540	7.00		7.0	0.5	17.3	0.5			19.2	13.3	0.0				10.2	68	Yes	Yes	0.0		
23	3314	3520	7.00		7.0	0.5	16.6	0.5			20.4	13.0	0.0				6.0	64	Yes	Yes	0.0		
24	3122	2990	7.00		7.0	0.5	14.8	0.5			24.2	11.9	0.0				4.9	64	Yes	Yes	0.0		
25	2929	2860	7.00		7.0	0.5	15.7	0.5			24.0	12.1	0.0				6.4	66	Yes	Yes	0.0		
26	2657	2680	7.00		7.0	0.5	15.0	0.5			24.0	12.0	0.0				6.0	65	Yes	Yes	0.0		
27	2443	2500	7.00		7.0	0.3	11.5	0.3			25.1	11.2	0.0				0.9	56	Yes	Yes	0.0		
28	2339	2250	7.00		6.0	0.3	12.6	0.3			25.9	24.0	0.0				4.5	74	Yes	Yes	0.0		
29	2355	2360	7.00		6.0	0.3	10.9	0.3		19.3	27.1	6.9	0.0				4.5	75	Yes	Yes	0.0		
30	2175	2110	7.00		6.0	0.3	10.0	0.3		19.1	25.0	3.0	0.0				5.1	69	Yes	Yes	0.0		
31	2139	2170	7.00		6.0	0.3	11.2	0.3		18.7	25.1	9.4	0.0				6.4	77	Yes	Yes	0.0		
SFD	80,110	78,920	217		127	51	431	51	0	0	307	780	347	0	109	0	24	103	2,329		0		
AF	158,898	156,538	430		252	101	855	101	0	0	609	1,548	688	0	216	0	48	204	4,620		0		
		2546	7				1,208				101			2,844	216		48	6.4	75		0.0		

Note: Cottonwood via the Landers
 Redirected Historic Irrigation Demand Limit = 43