

TO: Rosedale-Rio Bravo Water Storage District Board of Directors
Agenda Item 6.a.i

FROM: Dan W. Bartel

DATE: August 13, 2019

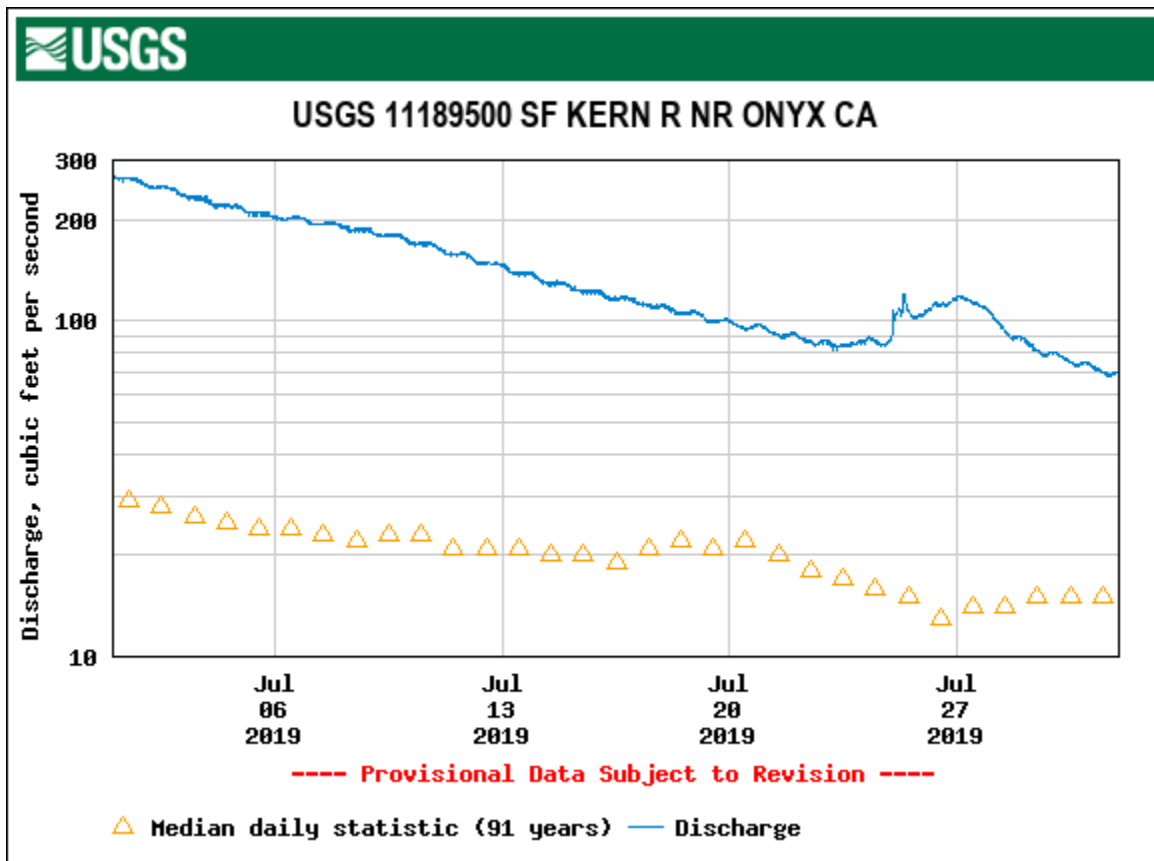
RE: Onyx Ranch Operations Report

Discussion:

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

- Continued operation of conveyance system
- Participated in weekly meetings and field visit with CEQA team. Key documents have been reviewed and completed to allow for analysis to continue.
- Assisted with construction of decks and fencing at District

Onyx Ranch diverted approximately 2,500 AF in July. Demands were also down a bit from previous years due to field transition caused by lease end dates. South Fork flows downstream of Bloomfield averaged 146 cfs for the month with a peak of 262 cfs well in excess of the long-term median of 16-30 cfs. Note that total agricultural diversions were about 4,800 AF and the USGS South Fork metered flow was about 8,500 AF. (Note report is preliminary and not for the entire month)



South Fork Kern River Monthly Measurement Report

Jul-19

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 (Smith)	Total Diverted	South Fork
	USGS - Onyx		Mill/Hillside	Miller	Prince	Miller	Landers	Cottonwood	Scotlie/Mack	Landers	Nicoll	Cottonwood	Nicoll	Cottonwood	Nicoll	Smith		Sierra Way "Flow"
1	262		3.5	3.5	6.5	3.5			21.2	11.8	16.3		10.8		9.6	83	Yes	
2	247		3.0	3.0	6.5	3.0			21.2	11.3		14.0	11.2		9.4	80	Yes	
3	232		4.5	4.5	9.0	4.5			21.3	10.8		14.8	10.7		9.3	85	Yes	
4	218		4.5	4.5	9.0	4.5			24.9	10.3		12.0	12.3		9.3	87	Yes	
5	208		4.5	4.5	12.0	4.5			24.7	11.4		15.2	11.3		9.3	93	Yes	
6	201		4.5	4.5	12.0	4.5				10.3		13.0	10.2		9.3	64	Yes	
7	194		4.5	4.5	12.0	4.5				10.4		10.8	10.3		9.3	62	Yes	
8	187		4.5	4.5	12.0	4.5			25.6	11.3			11.3	11.5	8.4	89	Yes	
9	179		4.5	4.5	12.0	4.5			25.8	10.3			10.3	13.0	8.4	89	Yes	
10	169		3.5	3.5	10.0	3.5			24.1	11.3	21.4		11.3		8.4	94	Yes	
11	158		3.5	3.5	12.0	3.5			22.2	11.9	22.3		9.9		8.4	94	Yes	
12	149		3.5	3.5	12.0	3.5			22.5	10.8	22.6		10.8		8.4	94	Yes	
13	139		3.3	3.3	11.0	3.3			22.1	10.0			10.0	20.2	8.4	88	Yes	
14	131		3.3	3.3	11.0	3.3			21.4	10.1	20.4		9.0		8.4	87	Yes	
15	122		2.5	2.5	10.0	2.5			21.9	9.0	12.4		9.2		7.2	75	Yes	
16	116		4.5	4.5	12.0	4.5			21.4	13.2		13.9	12.1		7.2	89	Yes	
17	111		4.5	4.5	12.0	4.5			21.8	12.4			11.3		7.2	85	Yes	
18	106		4.0	4.0	11.0	4.0			22.1	12.5		11.9	11.5		7.2	84	Yes	
19	101		4.0	4.0	9.0	4.0			21.9	12.6		12.6	11.5		7.2	83	Yes	
20	96		4.0	4.0	10.0	4.0			20.6	24.9		13.6			7.2	84	Yes	
21	91		3.5	3.5	10.0	3.5			20.8	25.9		15.3			7.2	86	Yes	
22	87		3.5	3.5	9.0	3.5			20.0	12.7	13.4		11.7		6.1	80	Yes	
23	84		3.5	3.5	9.0	3.5			18.1	11.8	17.4		11.6		6.1	81	Yes	
24	87		3.8	3.8	5.0	3.8			21.1	8.7	20.4		10.2		6.1	79	Yes	
25	103		4.9	4.9	7.0	4.9			20.9	10.3	22.3		10.2		6.1	87	Yes	
26	107		3.2	3.2	7.0	3.2			21.2	9.8	22.5		9.8		6.1	83	Yes	
27	108		3.1	3.1	8.0	3.1			20.8	10.4	21.0		9.4		6.1	82	Yes	
28	90		2.6	2.6	8.0	2.6			20.6	10.2	20.2		10.2		6.1	81	Yes	
29																0	No	
30																0	No	
31																0	No	
SFD	4,083		0	107	274	107	0	0	570	336	273	158	278	25	217	2,344	0	
AF	8,099		0	211	543	211	0	0	1,131	667	541	314	551	49	431	4,650	0	
	146				755			211		2,399		314	600		431			

ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT - ONYX RANCH
MONTHLY GROUNDWATER MONITORING RUN
JUL

2019

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	7/31/2019	39.2	
Ranch HQ - Domestic	7/31/2019	10.4	
Landers Sand - Old Ag Well	7/31/2019	13	
Onyx Store - Old Ag Well	7/31/2019	15	
Mack Well	7/31/2019	20.5	
Nicoll Field - Old Ag Well	7/31/2019	12.5	
Mack Field West - Domestic	7/31/2019	11.3	
Gibboney-2 Piezo	7/31/2019	6.5	
Gibboney-3 Piezo	7/31/2019	7.5	
Boone Piezo	7/31/2019	3.6	
Lieb Piezo	7/31/2019	6.7	
Pruitt Piezo	7/31/2019	9.9	
Scodie Well	7/31/2019	20.6	
Pruitt Well	7/31/2019	11.7	
Nicoll Well	7/31/2019	14.8	
Mack Piezo	7/31/2019	16.3	