

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

FROM: Dan W. Bartel

DATE: September 10, 2019

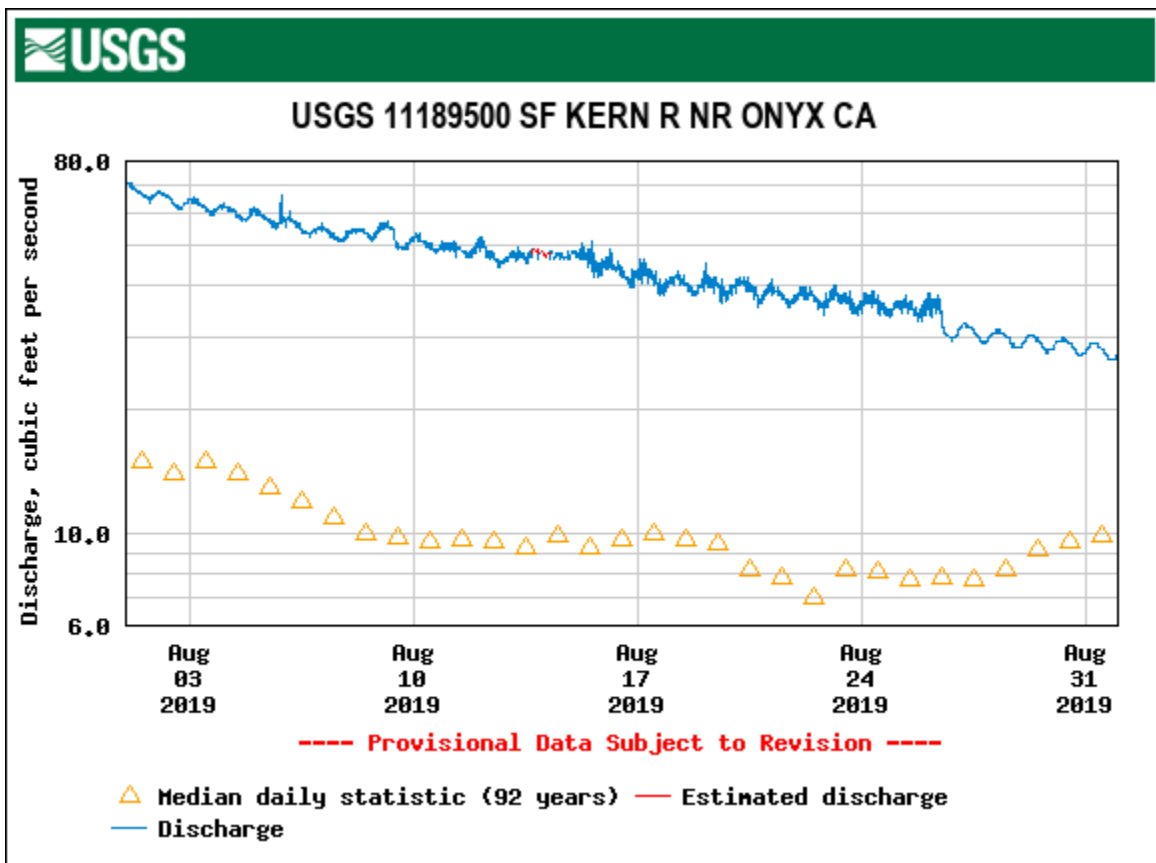
RE: Onyx Ranch Operations Report

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 1,421 AF in August. 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 45 cfs for the month with a peak of 67 cfs well in excess of the long-term median of 7-15 cfs. Note that total agricultural diversions were 3,082 AF and the USGS South Fork metered flow was 2,738 AF.



South Fork Kern River Monthly Measurement Report

Aug-19

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)		RRBMSD (1,3,6,7,12, Wirth1, 30,33, Boone)			J.Nicoll (3)		Audubon (4,5,9,Wirth1,17,18) Cottonwood (20-22,Wirth2,27,29,37)		Smith (Smith)	Total Diverted	South Fork
	USGS - Onyx		Miller	Landers	Cottonwood	Miller	Landers	Scodie/Mack	Landers	Nicoll	Nicoll	Cottonwood	Nicoll	Smith	Sierra Way "Flow"			
1	67		3.4	9.0		3.4		15.3	9.5		13.2	9.4	5.8	69	Yes			
2	64		3.1	9.0		3.1		14.9	13.3		14.5	9.3	5.8	73	Yes			
3	62		4.5	9.0		4.5			10.4		13.8	10.3	5.8	58	Yes			
4	60		4.5	9.0		4.5			11.2		13.5	9.1	5.8	58	Yes			
5	58		4.0	8.0		4.0		8.9	9.5		12.9	6.4	6.1	60	Yes			
6	55		4.0	6.0		4.0		10.5	11.8			4.9	6.1	58	Yes			
7	53		4.0	9.0		4.0		9.4	9.1			6.0	6.1	59	Yes			
8	54		4.0	9.0		4.0		11.4	8.5			6.4	6.1	61	Yes			
9	52		4.0	9.0		4.0			7.3			6.3	6.1	54	Yes			
10	50		4.0	9.0		4.0		10.7	7.6			6.5	6.1	57	Yes			
11	49		4.5	9.0		4.5		10.2	7.1			6.0	6.1	56	Yes			
12	47		4.5	8.0		4.5		9.2	7.0			5.9	4.9	52	Yes			
13	48		3.5	6.0		3.5		21.8	6.5			4.4	4.9	58	Yes			
14	47		4.0	6.0		4.0		18.6	5.1				4.9	43	Yes			
15	46		3.5	5.0		3.5		17.1	6.8				4.9	41	Yes			
16	43		3.5	5.0		3.5		17.0	6.8				4.9	41	Yes			
17	42		3.5	5.0		3.5		15.8	7.2				4.9	40	Yes			
18	40		3.5	5.0		3.5		12.9	7.4				4.9	37	Yes			
19	40		3.5	5.0		3.5		18.8	7.3				4.1	42	Yes			
20	39		4.0	6.0		4.0		17.9	6.9				4.1	43	Yes			
21	38		4.5	6.0		4.5		17.2	11.1				4.1	62	Yes			
22	37		5.9	6.0		5.9			11.1				4.1	44	Yes			
23	37		6.8	5.0		6.8			11.2				4.1	48	Yes			
24	36		4.4	5.0		4.4			11.3				4.1	45	Yes			
25	35		5.9	6.0		5.9			11.5				4.1	45	Yes			
26	33		5.8	6.0		5.8			11.4				3.2	43	Yes			
27	31		6.5	6.0		6.5			10.7				3.2	42	Yes			
28	30		5.9	5.5		5.9			10.3				3.2	40	Yes			
29	29		5.0	5.0		5.0			13.6				3.2	43	Yes			
30	29		5.5	5.0		5.5			13.0				3.2	43	Yes			
31	28		5.5	5.0		5.5			13.7				3.2	44	Yes			
SFD	1,380		0	139	207	139	0	266	295	155	98	91	148	1,554	0			
AF	2,738		0	276	410	276	0	528	586	307	195	180	294	3,082	0			
	45			685	276				1,421		195		294					

Note:

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

2019

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	8/30/2019	39.9	
Ranch HQ - Domestic	8/30/2019	10	
Landers Sand - Old Ag Well	8/30/2019	16	
Onyx Store - Old Ag Well	8/30/2019	18.6	
Mack Well	8/30/2019	20.5	
Nicoll Field - Old Ag Well	8/30/2019	13	
Mack Field West - Domestic	8/30/2019	11.2	
Gibboney-2 Piezo	8/30/2019	7.5	
Gibboney-3 Piezo	8/30/2019	7.8	
Boone Piezo	8/30/2019	6.9	
Lieb Piezo	8/30/2019	7.8	
Pruitt Piezo	8/30/2019	11.6	
Scodie Well	8/30/2019	72.1	Well /On
Pruitt Well	8/30/2019	14	
Nicoll Well	8/30/2019	14.9	
Mack Piezo	8/30/2019	16.3	