

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

FROM: Dan W. Bartel

DATE: July 22, 2019

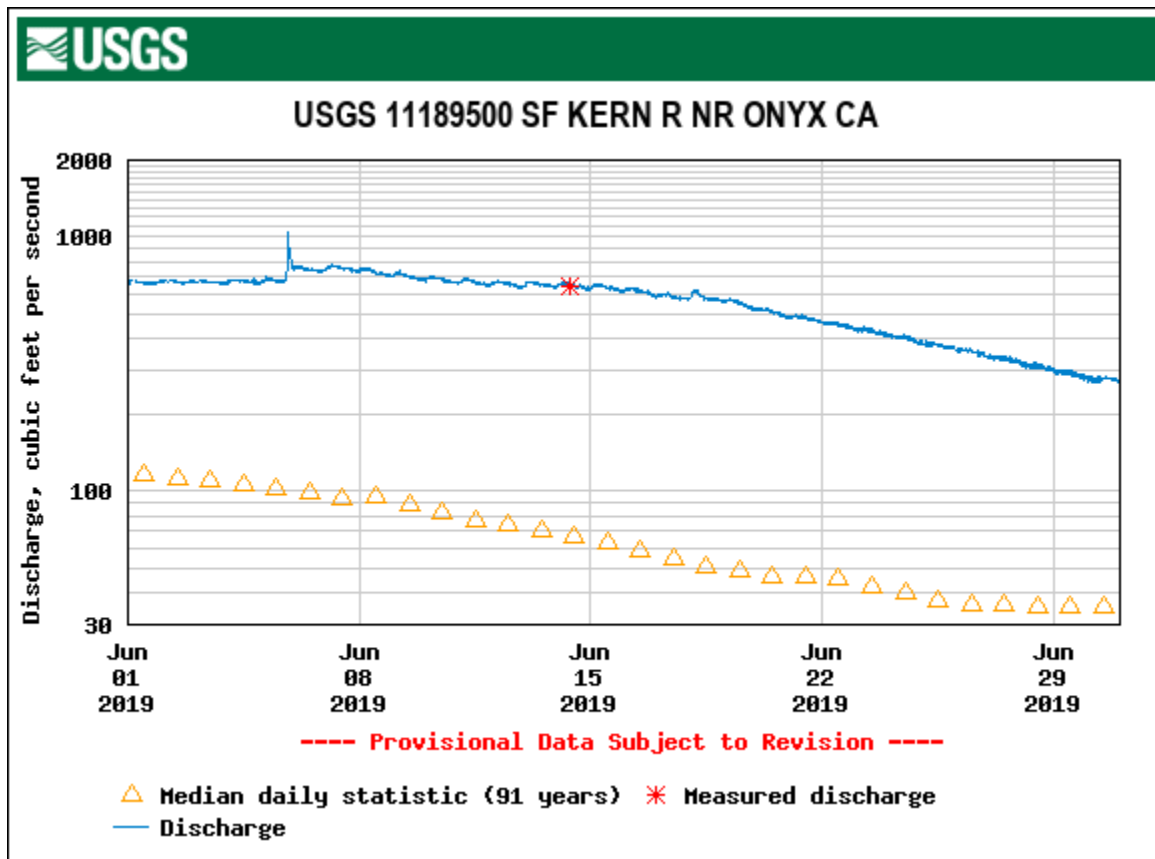
RE: Onyx Ranch Operations Report

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. CEQA schedule has slipped from Jan2020 to April2020 for FEIR certification.
- Assisted with construction of decks and fencing at District
- Hosted Board on property tour

Onyx Ranch diverted 2,220 AF in June. 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 532 cfs for the month with a peak of 723 cfs well in excess of the long-term median of 30-100 cfs. Note that total agricultural diversions were 5,179 AF and the USGS South Fork metered flow was 31,670 AF.



South Fork Kern River Monthly Measurement Report

Jun-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)		RR8WSD (1,3,6,7,12, Wirth1, 30,33, Boone)			J. Nicoll (3)		Audubon (4,5, Wirth1,17,18) (20-22, Wirth2,27,29,37)		Smith (Smith)	Total Diverted	South Fork "Flow"
	USGS - Onyx	Miller/Hillside	Miller	Prince	Miller	Landers	Cottonwood	Scodie/Mack	Landers	Nicoll	Cottonwood	Nicoll				
1	612	4.5	4.5	11.0	4.5			17.7	13.1			10.2	9.7	7.7	78	Yes
2	617	4.5	4.5	13.0	4.5			18.1	13.1				9.0	8.0	80	Yes
3	610	4.5	4.5	12.0	4.5			17.8	12.5			10.7	9.2	5.6	77	Yes
4	611	5.0	5.0	12.0	5.0			17.0	13.0		11.5	10.2		8.1	82	Yes
5	659	5.0	5.0	10.0	5.0			16.5	12.9		12.5	9.9		8.1	80	Yes
6	714	5.0	5.0	12.0	5.0			16.7	12.7		13.6	10.1		8.1	83	Yes
7	723	5.0	5.0	12.0	5.0			16.6	13.0		13.9	11.0		8.1	85	Yes
8	692	5.0	5.0	12.0	5.0			16.0	10.5		11.0	10.5		8.1	78	Yes
9	660	5.0	5.0	12.0	5.0				14.3	12.5		11.3		8.1	68	Yes
10	652	5.0	5.0	13.0	5.0				13.2	11.8		11.3		16.6	76	Yes
11	611	5.0	5.0	13.0	5.0				10.4	13.0		12.3		16.6	75	Yes
12	600	5.0	5.0	13.0	5.0				12.4	11.8		12.3		16.6	76	Yes
13	594	5.0	5.0	12.0	5.0				15.8	12.6		7.7		16.6	75	Yes
14	587	5.0	5.0	11.0	5.0			19.5	15.5	14.6		9.5		16.6	97	Yes
15	577	5.5	5.5	11.0	5.5			17.2	13.2	24.7		11.1		16.6	105	Yes
16	539	5.5	5.5	11.0	5.5			17.1	12.6	23.9		11.5		16.6	104	Yes
17	584	5.5	5.5	11.0	5.5			16.1	13.4	23.8		11.1		14.9	101	Yes
18	581	5.5	5.5	11.0	5.5			16.5	14.1	13		11.1	10.0	14.9	102	Yes
19	548	5.5	5.5	8.0	5.5			16.3	11.5		12.9	11.5	11.1	14.9	97	Yes
20	507	4.5	4.5	8.0	4.5			16.0	11.2		12.2	11.2	11.2	14.9	94	Yes
21	480	4.5	4.5	8.0	4.5			15.9	12.2		13.2	11.2		14.9	84	Yes
22	452	4.5	4.5	7.5	4.5			16	11.2		14.3	11.2		14.9	84	Yes
23	424	4.5	4.5	9.0	4.5			16.5	12.1		13.1	11.1		14.9	86	Yes
24	398	4.5	4.5	7.5	4.5			16.3	12.3		14.2	11.2		12.4	83	Yes
25	374	4.0	4.0	7.0	4.0			19.6	10.2	13.7		11.7		12.4	83	Yes
26	352	4.0	4.0	7.0	4.0			25.6	11.5	20.1		11.5		12.4	96	Yes
27	332	3.5	3.5	7.0	3.5			25.8	12.6	23.0		11.5		12.4	99	Yes
28	310	3.5	3.5	7.0	3.5			30.3	12.3	16.6		11.4		12.4	97	Yes
29	291	3.5	3.5	7.0	3.5			21.0	11.5	23.1		12.4		12.4	94	Yes
30	276	3.5	3.5	6.5	3.5			21.4	10.3	22.7		12.2		12.4	93	Yes
SFD	15,967	0	141	302	141	0	0	464	375	281	142	330	60	377	2,611	0
AF	31,670	0	279	598	279	0	0	919	743	557	282	655	120	747	5,179	0
	532			877			279		2,220		282		774			

Note:

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

2019

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	6/28/2019	37.6	
Ranch HQ - Domestic	6/28/2019	11	
Landers Sand - Old Ag Well	6/28/2019	14.4	
Onyx Store - Old Ag Well	6/28/2019	15.5	
Mack Well	6/28/2019	21.2	
Nicoll Field - Old Ag Well	6/28/2019	13	
Mack Field West - Domestic	6/28/2019	12	
Gibboney-2 Piezo	6/28/2019	4.8	
Gibboney-3 Piezo	6/28/2019	5.7	
Boone Piezo	6/28/2019	3.4	
Lieb Piezo	6/28/2019	5	
Pruitt Piezo	6/28/2019	10.2	
Scodie Well	6/28/2019	20.8	
Pruitt Well	6/28/2019	12	
Nicoll Well	6/28/2019	14.2	
Mack Piezo	6/28/2019	16.4	