

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

FROM: Dan W. Bartel

DATE: October 08, 2019

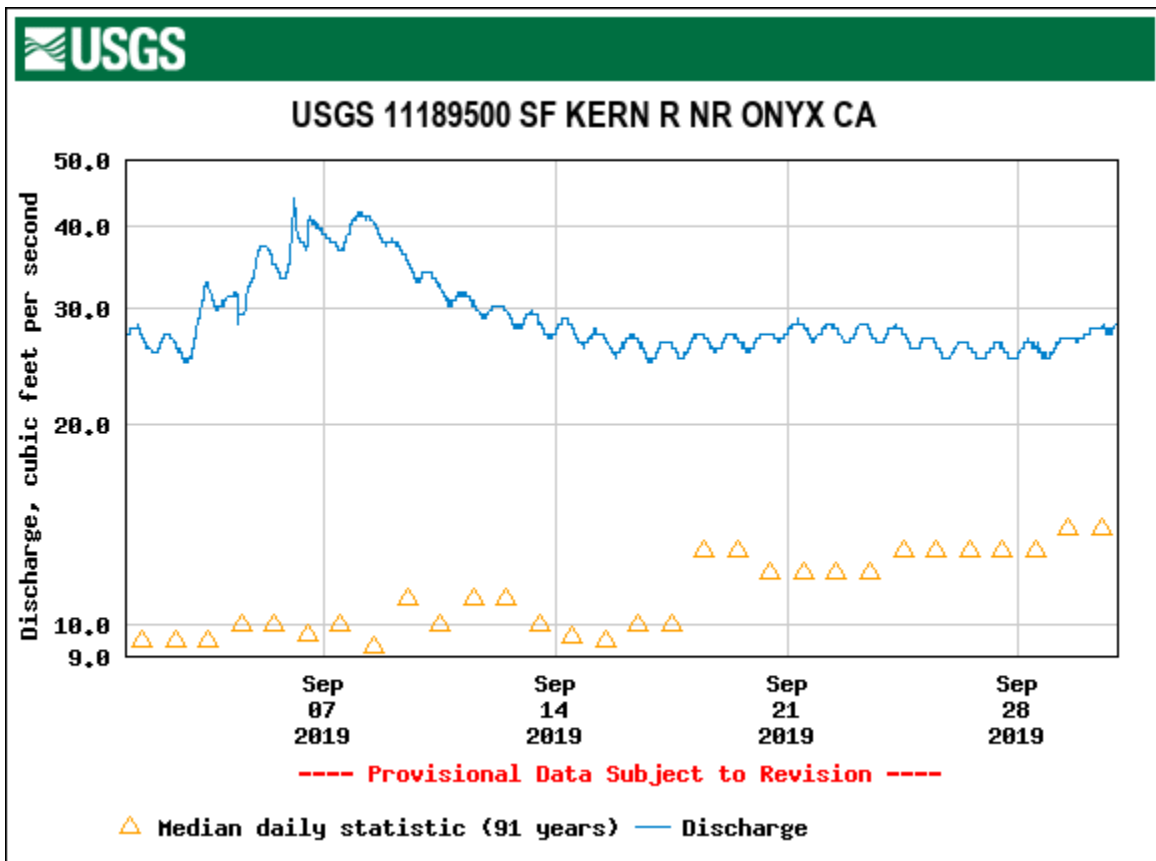
RE: Onyx Ranch Operations Report

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. The environmental impact analysis is now well underway.
- Assisted with construction of decks and fencing at District

Onyx Ranch diverted 1,212 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 29 cfs for the month with a peak of 43 cfs well in excess of the long-term median of 7-15 cfs. Note that total agricultural diversions were 2,565 AF and the USGS South Fork metered flow was 1,745 AF, depicting additional accretions in the system.



South Fork Kern River Monthly Measurement Report

Sep-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)				Hatzenfeld (5)		RRBWSO (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	Landers	Landers	Landers	Nicoll	Nicoll	Cottonwood	Nicoll	Cottonwood	Nicoll	Sierra Way "Flow"	
1	27		5.5	5.0	5.5	7.4	7.4	11.0	12.8	10.0				3.2	43	Yes	
2	26		5.2	4.0	5.2	5.4	5.4	13.4	13.4	9.7				4.0	41	Yes	
3	30		5.4	4.0	5.4	5.6	4.5	13.3	13.2	9.9				4.0	42	Yes	
4	32		5.6	4.5	5.6	6.3	5.0	10.0	13.3	10.6				4.0	43	Yes	
5	35		6.3	5.0	6.3	7.4	7.0	11.0	12.8					4.0	45	Yes	
6	39		7.4	7.0	7.4	8.1	8.0	10.8	12.8					4.0	49	Yes	
7	38		8.1	8.0	8.1	7.5	6.0	10.8	11.7					4.0	52	Yes	
8	40		7.5	6.0	7.5	6.8	6.0	10.9	12.6					4.0	47	Yes	
9	35		6.8	6.0	6.8	6.1	6.0	12.6	12.0					3.4	46	Yes	
10	32		6.1	6.0	6.1	6.5	6.0	13.5	11.2					3.4	46	Yes	
11	31		6.5	6.0	6.5	5.0	4.0	14.4	11.4					3.4	47	Yes	
12	29		5.0	4.0	5.0	5.2	4.0	14.2	11.4					3.4	43	Yes	
13	28		5.2	4.0	5.2	5.2	4.0	14.5	12.5					3.4	43	Yes	
14	28		5.2	4.0	5.2	5.1	5.0	14.0	12.2					3.4	45	Yes	
15	27		5.1	5.0	5.1	5.3	5.0	14.5	10.8					3.2	44	Yes	
16	26		5.3	5.0	5.3	4.9	4.0	9.5	10.7					3.2	37	Yes	
17	26		4.9	4.0	4.9	5.8	3.0	9.0		10.0				3.2	37	Yes	
18	27		5.8	3.0	5.8	6.7	3.0	9.3		9.9				3.2	39	Yes	
19	27		6.7	3.0	6.7	6.3	6.0	9.4		10.1				3.2	41	Yes	
20	27		6.3	6.0	6.3	6.4	5.0	9.2		11.0				3.2	41	Yes	
21	28		6.4	5.0	6.4	6.1	6.0	9.4		10.9				3.2	42	Yes	
22	28		6.1	6.0	6.1	5.7	6.0	20.5		11.1				3.2	52	Yes	
23	28		5.7	6.0	5.7	6.3	5.0	14.5	8.1					3.2	43	Yes	
24	27		6.3	5.0	6.3	3.7	4.0	15.5	11.2					3.2	41	Yes	
25	26		3.7	4.0	3.7	4.6	4.0	14.8	10.2					3.2	41	Yes	
26	26		4.6	4.0	4.6	4.1	3.0	14.4	10.3					3.2	39	Yes	
27	26		4.1	3.0	4.1	4.1	3.0	13.8	9.3					3.2	38	Yes	
28	26		4.1	3.0	4.1	3.2	3.0	14.1	11.8					3.2	39	Yes	
29	27		3.2	3.0	3.2	3.4	4.0	15.0	11.8					3.2	41	Yes	
30	28		3.4	4.0	3.4												
SFD	880	0	167	143	167	0	0	383	228	103	0	0	0	103	1,293	0	
AF	1,745	0	331	283	331	0	0	760	452	205	0	0	0	204	2,565	0	
	29			614	331			1,212		205				204			

Note:

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

2019

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	9/30/2019	40.7	
Ranch HQ - Domestic	9/30/2019	12.3	
Landers Sand - Old Ag Well	9/30/2019	17.5	
Onyx Store - Old Ag Well	9/30/2019	19.9	
Mack Well	9/30/2019	95	well/on
Nicoll Field - Old Ag Well	9/30/2019	16.3	
Mack Field West - Domestic	9/30/2019	13.4	
Gibboney-2 Piezo	9/30/2019	5.5	
Gibboney-3 Piezo	9/30/2019	6	
Boone Piezo	9/30/2019	5.6	
Lieb Piezo	9/30/2019	8.6	
Pruitt Piezo	9/30/2019	12.3	
Scodie Well	9/30/2019	72.8	well/on
Pruitt Well	9/30/2019	14.8	
Nicoll Well	9/30/2019	18	
Mack Piezo	9/30/2019	16.2	