

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

FROM: Dan W. Bartel

DATE: November 12, 2019

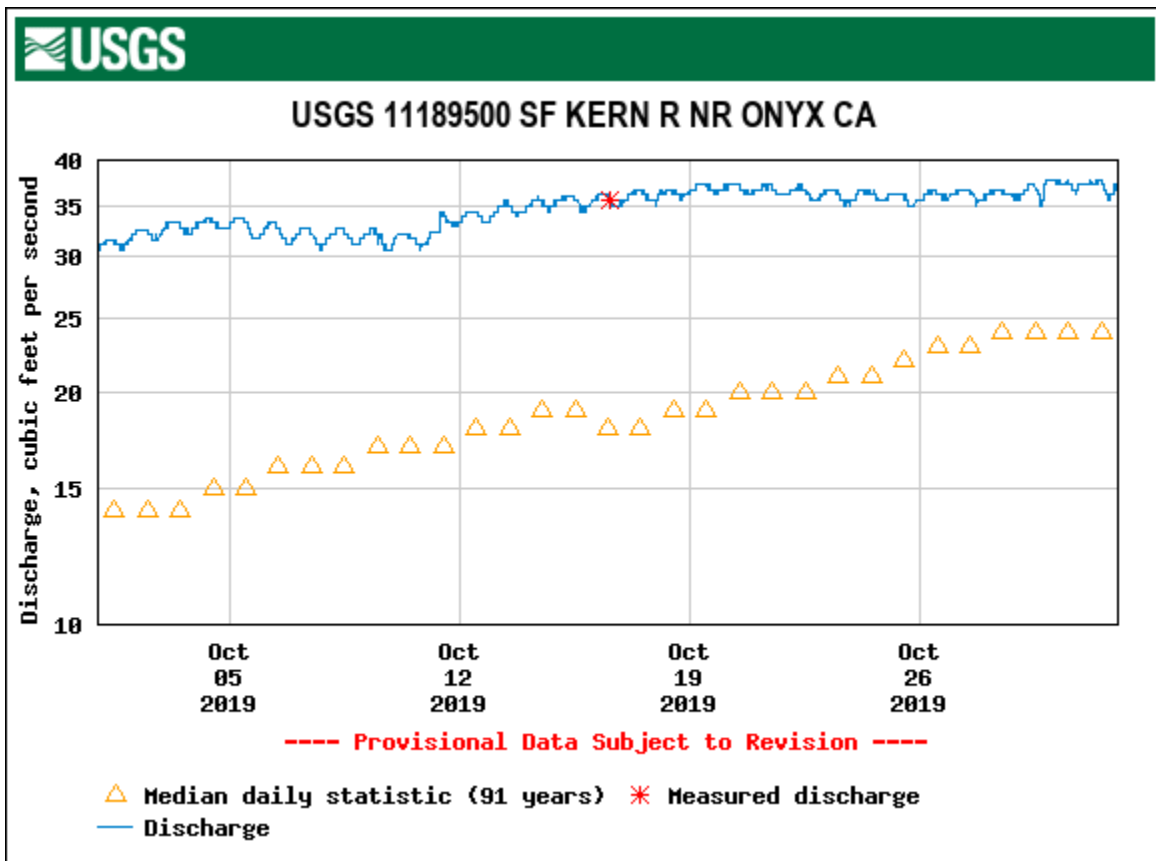
RE: Onyx Ranch Operations Report

**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 administrative draft environmental impact report is expected to be complete in early December.
- Assisted with construction of decks and mowing at District

Onyx Ranch diverted 1,356 AF in August. Demands were also down a bit from previous years due to field transitions. South Fork flows downstream of Bloomfield averaged 34 cfs for the month with a peak of 37 cfs well in excess of the long-term median of 14-24 cfs. Note that total agricultural diversions were 2,401 AF and the USGS South Fork metered flow was 2,069 AF, depicting additional accretions in the system.



## South Fork Kern River Monthly Measurement Report

**Oct-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)			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 (Smith)	Total Diverted	South Fork
	USGS - Onyx	Mill/Hillside	Miller	Prince	Miller	Landers	Cottonwood	Scodie/Mack	Landers	Nicoll	Nicoll	Cottonwood	Nicoll	Smith		Sierra Way "Flow"
1	29		3.1	3.0	3.1				15.0	11.8			3.4	39	Yes	
2	30		4.0	2.5	4.0				15.6	10.0			3.4	40	Yes	
3	30		4.2	3.0	4.2				17.3	10.7			3.4	43	Yes	
4	31		4.8	0.0	4.8				17.5		10.3		3.4	41	Yes	
5	30		4.1		4.1				16.0		10.4		3.4	38	Yes	
6	30		3.7		3.7				16.3		10.2		3.4	37	Yes	
7	30		3.7		3.8				15.8		10.2		3.4	37	Yes	
8	30		3.2	1.0	3.2				15.8		9.9		3.5	37	Yes	
9	29		3.4	1.5	3.5				16.3	9.5			3.5	38	Yes	
10	29		3.6	1.5	3.5				14.2	7.4			3.5	34	Yes	
11	30		3.2	2.0	3.2				16.4	10.9			3.5	39	Yes	
12	31		3.4	2.0	3.5				15.5	12.0			3.5	40	Yes	
13	32		3.6	2.0	3.6				12.9	12.3			3.5	38	Yes	
14	35		4.6	2.0	4.6				12.6		12.8		3.6	40	Yes	
15	35		4.5		4.5				13.6		12.0		3.6	38	Yes	
16	36			4.7	4.7				14.3		12.1		3.6	39	Yes	
17	36			4.6	4.6				12.4	12.2			3.6	37	Yes	
18	36			4.7	4.7				13.9	9.6			3.6	36	Yes	
19	37			4.7	4.7				10.0	10.1			3.6	33	Yes	
20	37			5.3	5.3				11.7	10.2			3.6	36	Yes	
21	37		5.5	4.0	5.5				11.4	10.3			4.0	41	Yes	
22	36		5.3	4.0	5.3				10.8	10.1			4.0	40	Yes	
23	36		4.9	4.0	4.9				21.3	10.2			4.0	49	Yes	
24	36		4.7	4.0	4.7				23.9				4.0	41	Yes	
25	36		4.8	4.0	4.8				22.7				4.0	40	Yes	
26	36		4.8	5.0	4.8				23.2				4.0	42	Yes	
27	36		4.4	5.0	4.4				23.2				4.0	41	Yes	
28	36		4.0	5.0	4.0				23.4				3.1	40	Yes	
29	37		4.3	3.0	4.3				13.3	9.1			3.1	37	Yes	
30	37		3.8	3.0	3.8				13.4	12.5			3.1	40	Yes	
31	37		4.9	3.0	4.9				14.0	11.2			3.1	41	Yes	
SFD	1,043	0	108	88	132	0	0	0	494	190	88	0	0	110	1,211	0
AF	2,069	0	215	175	262	0	0	0	979	377	174	0	0	219	2,401	0
	34		390		262				1,356		174		0	219		

Note:

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

**2019**

<b>Well Name</b>	<b>DATE</b>	<b>Depth to Water (ft)</b>	<b>Notes</b>
Onyx Store - Domestic	10/31/2019	37	
Ranch HQ - Domestic	10/31/2019	13.6	
Landers Sand - Old Ag Well	10/31/2019	17.1	
Onyx Store - Old Ag Well	10/31/2019	17.6	
Mack Well	10/31/2019	22	
Nicoll Field - Old Ag Well	10/31/2019	14	
Mack Field West - Domestic	10/31/2019	12	
Gibboney-2 Piezo	10/31/2019	3.1	Water in the Pasture
Gibboney-3 Piezo	10/31/2019	5.4	
Boone Piezo	10/31/2019	6.3	Pump is on
Lieb Piezo	10/31/2019	8.4	
Pruitt Piezo	10/31/2019	12.9	
Scodie Well	10/31/2019	23.3	
Pruitt Well	10/31/2019	14.1	
Nicoll Well	10/31/2019	15.9	
Mack Piezo	10/31/2019	16.4	