

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

FROM: Dan W. Bartel

DATE: May 14, 2020

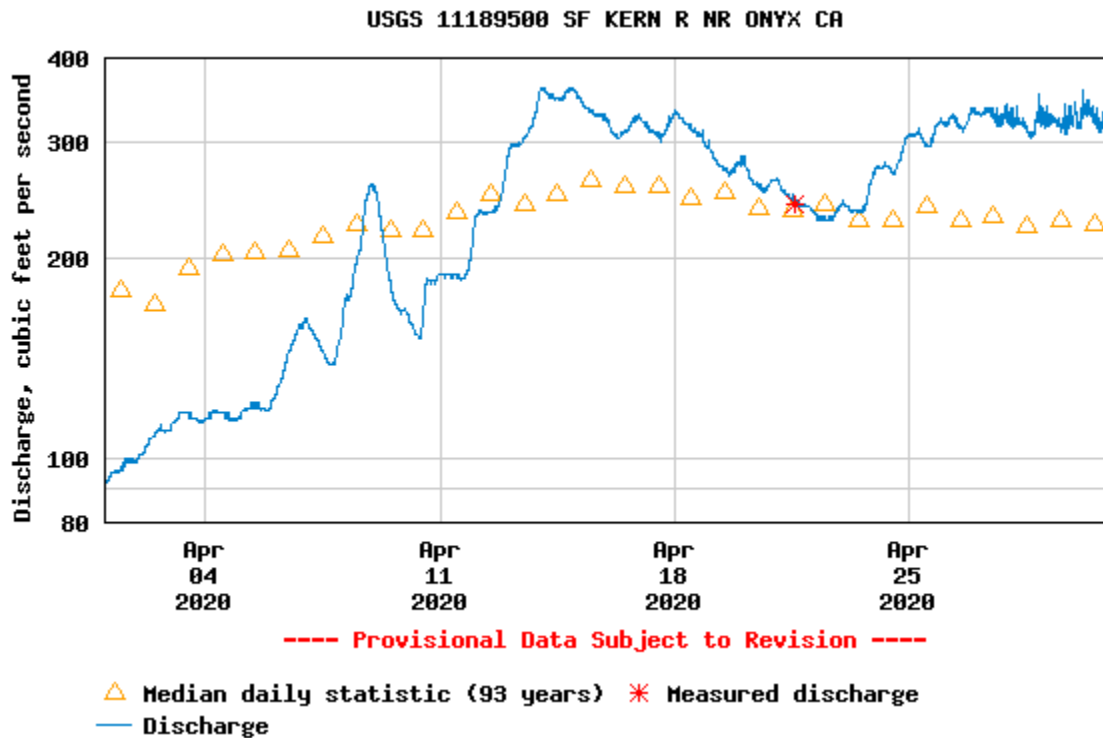
RE: Onyx Ranch Operations Report

**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
- Flow meter verification and calibration efforts on Smith and Miller Ditches
- Droned Ranch
- Requested project fencing plans from Hafenfeld and Creighton
- DEIR release was delayed due to Kern Fan Project NOP release
- Onyx Staff assisting regular district staff with KR Intake flow meter replacement

Onyx Ranch diverted 1,081 AF in April. Monthly demands were down from previous years due to field transitions. South Fork flows downstream of Bloomfield averaged 245 cfs for the month with a peak of 360 cfs, above the long-term median of 240 cfs. Flows are now dropping.



# South Fork Kern River Monthly Measurement Report

**Apr-20**

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	96		7.9	10.0	7.9				19.2	15.1		11.4		5.5	77	Yes
2	107		7.1	10.0	7.1				19.6	14.5		10.0		5.5	74	Yes
3	115		7.1	10.0	7.1				21.4	16.0		7.4		5.5	75	Yes
4	116		7.1	10.0	7.1				20.6			7.1		5.5	58	Yes
5	119		7.1	10.0	7.1				10.9			4.3		5.5	45	Yes
6	143		7.1	10.0	7.1							7.2		8.5	40	Yes
7	147		7.1	12.0	7.1							7.3		8.5	42	Yes
8	202		7.9	12.0	7.9							5.4		8.5	42	Yes
9	197		3.6	6.0	3.6							5.4		8.5	27	Yes
10	171		3.6	5.0	3.6							6.0		8.5	27	Yes
11	191		3.6	0.5	3.6							6.1		8.5	22	Yes
12	240		3.6	0.5	3.6							6.2		8.5	22	Yes
13	310		4.3	0.5	4.3							6.0		10.5	26	Yes
14	354		5.0	0.5	5.0							4.8		10.5	26	Yes
15	340		7.1	0.5	7.1							7.7		10.5	33	Yes
16	326		7.1	0.5	7.1							8.8		10.5	34	Yes
17	334		7.9	0.5	7.9							8.0		10.5	35	Yes
18	341		7.9	7.0	7.9							5.8		10.5	39	Yes
19	309		7.9	9.0	7.9							5.7		10.5	41	Yes
20	262		7.9	9.0	7.9							5.5		7.8	38	Yes
21	248		7.1	10.0	7.1							5.4		7.8	37	Yes
22	233		7.1	10.0	7.1							5.4		7.8	37	Yes
23	244		7.1	12.0	7.1			16.5	11.8	14.7		2.0		7.8	79	Yes
24	280		7.1	12.0	7.1			17.1	16.3	15.0		2.9		7.8	85	Yes
25	308		7.1	11.0	7.1			18.7	14.7	14.4		4.4		7.8	85	Yes
26	323		7.9	10.0	7.9			18.6	15.1	14.9		4.3		7.8	86	Yes
27	329		7.9	10.0	7.9			18.1	21.7	15.0		3.8		9.9	94	Yes
28	320		7.1	11.0	7.1			17.3	26.1	14.6		3.9		9.9	97	Yes
29	322		9.3	12.0	9.3			15.7	23.1	15.2		3.1		9.9	98	Yes
30	326		9.3	12.0	9.3			15.6	22.4	15.3		3.3		9.9	97	Yes
SFD	7,353	0	205	234	205	0	0	138	243	165	0	175	0	255	1,618	0
AF	14,585	0	407	463	407	0	0	273	482	327	0	346	0	506	3,210	0
	245		870				407			1,081	0			346	506	54

Note: Cottonwood via the Landers

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

**2020**

<b>Well Name</b>	<b>DATE</b>	<b>Depth to Water (ft)</b>	<b>Notes</b>
Onyx Store - Domestic	4/30/2020	38.7	
Ranch HQ - Domestic	4/30/2020	15	
Landers Sand - Old Ag Well	4/30/2020	15.3	
Onyx Store - Old Ag Well	4/30/2020	19	
Mack Well	4/30/2020	25	
Nicoll Field - Old Ag Well	4/30/2020	12.6	
Mack Field West - Domestic	4/30/2020	10.6	
Gibboney-2 Piezo	4/30/2020	5.5	
Gibboney-3 Piezo	4/30/2020	6.4	
Boone Piezo	4/30/2020	4.2	
Lieb Piezo	4/30/2020	6.8	
Pruitt Piezo	4/30/2020	11	
Scodie Well	4/30/2020	23.4	
Pruitt Well	4/30/2020	13.6	
Nicoll Well	4/30/2020	13.5	
Mack Piezo	4/30/2020	16.8	