

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

FROM: Dan W. Bartel

DATE: July 13, 2021

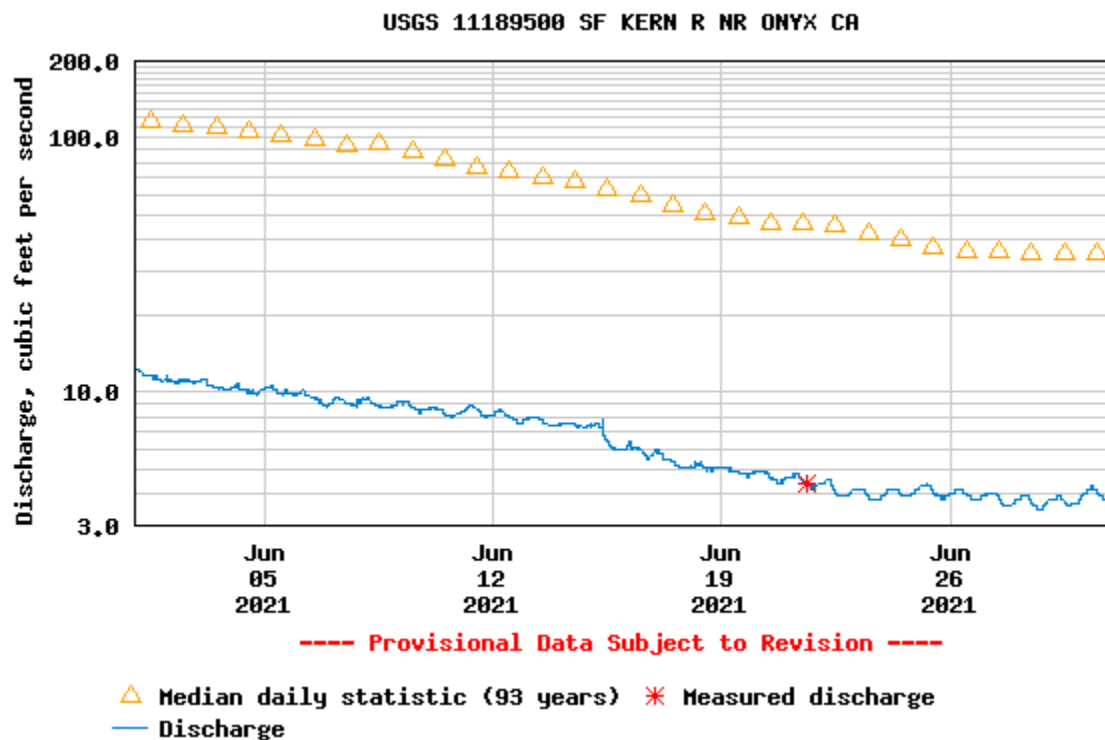
RE: Onyx Ranch Operations Report

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.
- Staff worked on replacing fencing and downed tree removal at Hunter’s Cabin.
- The CEQA team distributed the FEIR including responses to comments on 12/30/2020 and the Board Certified the document on 1/12/2020. Staff continued coordination efforts with the Kern River Interests and has meetings scheduled for later this month.

Onyx Ranch diverted 319 AF in May. Monthly demands were down from previous years due to field transitions, ditch cleaning efforts, and low flow conditions, wells were operated to supplement the available surface water supplies. South Fork flows downstream of Bloomfield averaged 7 cfs with a peak of 11 cfs, below the long-term median of 60 cfs.





South Fork Kern River Monthly Measurement Report

Jun-21

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)			RRBWS (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	11		1.5		1.5						7.0			2.7	13	Yes
2	11		0.8		0.8						8.0			2.7	12	Yes
3	10		0.4		0.4				10.1					2.7	13	Yes
4	10		0.1		0.1				9.0					2.7	12	Yes
5	10								8.5					2.7	11	Yes
6	9								8.5					2.7	11	Yes
7	9								7.0					2.6	10	Yes
8	9								7.5					2.6	10	Yes
9	8								7.5					2.6	10	Yes
10	8								8.0					2.6	11	Yes
11	8								8.0					2.6	11	Yes
12	8								7.5					2.6	10	Yes
13	7								7.5					2.6	10	Yes
14	7								7.0					1.8	9	Yes
15	6								6.0					1.8	8	Yes
16	6								5.0					1.8	7	Yes
17	5								4.5					1.8	6	Yes
18	5								4.0					1.8	6	Yes
19	5								4.0					1.8	6	Yes
20	4								4.5					1.8	6	Yes
21	5								4.5					0.5	5	Yes
22	4								3.4					0.5	4	Yes
23	4								3.5					0.5	4	Yes
24	4								3.5					0.5	4	Yes
25	4								3.8					0.5	4	Yes
26	4								3.7					0.5	4	Yes
27	4								4.0					0.5	5	Yes
28	4								3.9					0.3	4	Yes
29	4								3.0					0.3	3	Yes
30	4								3.5					0.3	4	Yes
SFD	196	0	3	0	3	0	0	0	161	0	15	0	0	51	233	0
AF	390	0	5	0	5	0	0	0	319	0	30	0	0	102	461	0
	7			5			5			319	30			0	102	

Note: Cottonwood via the Landers
May 26- June 2 water exchanged between Nicoll and Landers

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

2021

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	6/28/2021	46.6	
Ranch HQ - Domestic	6/29/2021	50.1	well is on
Landers Sand - Old Ag Well	6/29/2021	20.1	
Onyx Store - Old Ag Well	6/29/2021	21.9	
Mack Well	6/29/2021	97.8	well is on
Nicoll Field - Old Ag Well	6/29/2021	31	
Mack Field West - Domestic	6/29/2021	16.8	
Gibboney-2 Piezo	6/30/2021	8	
Gibboney-3 Piezo	6/30/2021	8.6	
Boone Piezo	6/29/2021	9.3	
Lieb Piezo	6/29/2021	8.9	
Pruitt Piezo	6/29/2021	16.7	
Scodie Well	6/29/2021	27.1	
Pruitt Well	6/29/2021	17	
Nicoll Well	6/29/2021	52.3	well is on
Mack Piezo	6/29/2021	18.7	