

TO: Rosedale-Rio Bravo Water Storage District Board of Directors
Agenda Item 7.a.i

FROM: Dan W. Bartel

DATE: March 8, 2022

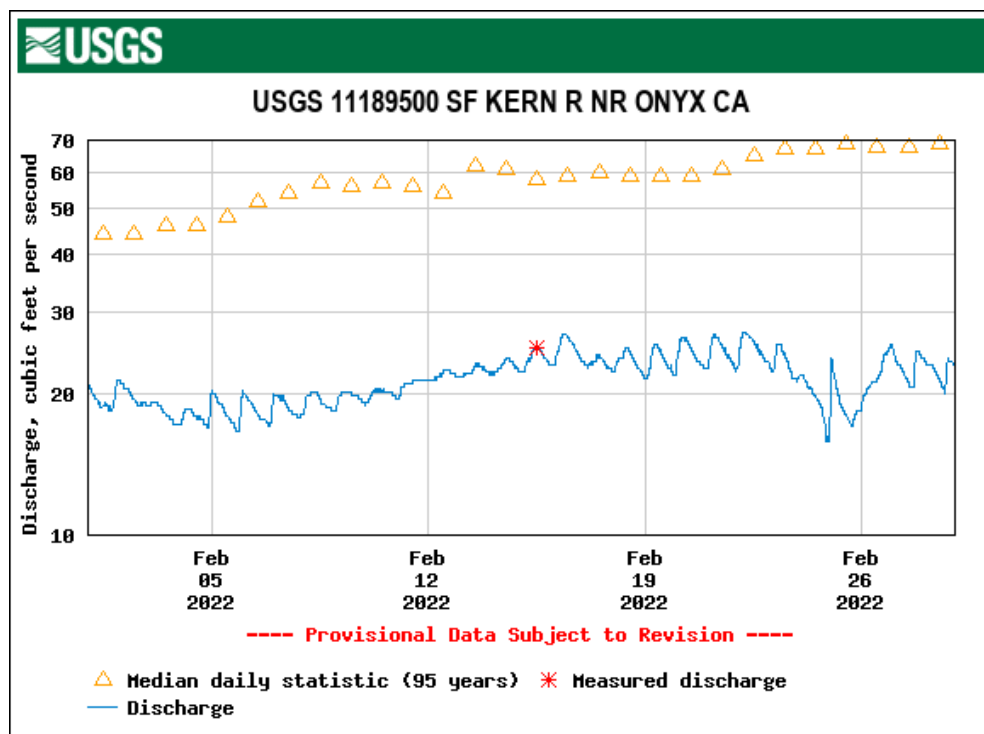
RE: Onyx Ranch Operations Report

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.
- Worked on stockwater systems projects
- Worked on planning for flow metering improvements of other right holders
- Performed annual maintenance activities on Boone/Mack/Nicoll ditches and Landers and Nicoll headworks.
- 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 with hopes of implementation for March 1, 2022. Has been pushed back to April 1.
- Prepared necessary KR Watermaster/COB coordination sheets.

Onyx Ranch diverted 660 AF in January. Wells were operated to supplement the available surface water supplies. South Fork flows downstream of Bloomfield averaged 21 cfs with a peak of 25 cfs, below the long-term median of 60 cfs.



South Fork Kern River Monthly Measurement Report

Feb-22

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	19			7.0					11.6					6.1	25	No
2	19			6.0					13.3					6.1	25	No
3	17			5.0					12.7					6.1	24	No
4	17			5.0					11.9					6.1	23	No
5	17			5.0					13.1					6.1	24	No
6	18			5.0					12.8					6.1	24	No
7	18			5.0					13.7					6.0	25	No
8	18			5.0					12.5					6.0	23	No
9	19			5.0					13.6					6.0	25	No
10	19			6.0					12.4					6.0	24	No
11	20			6.0					12.8					6.0	25	No
12	21			6.0					12.3					6.0	24	No
13	21			7.0					12.5					6.0	26	No
14	23			7.0					13.9					6.7	28	No
15	24			9.0					11.1					6.7	27	No
16	25		4.9		4.9				10.7					6.7	27	No
17	23		4.9		4.9				11.2					6.7	28	No
18	24		4.6		4.6				10.6					6.7	26	No
19	24		5.0		5.0				10.3					6.7	27	No
20	25		4.6		4.6				10.9					6.7	27	No
21	25		5.0		5.0				10.6					6.0	26	No
22	25		4.2		4.2				11.9					6.0	26	No
23	23		5.3		5.3				10.6					6.0	27	No
24	20		3.4		3.4				11.2					6.0	24	No
25	19		3.7	0.6	3.7				11.4					6.0	25	No
26	22		3.4	1.0	3.4				11.4					6.0	25	No
27	23		5.0	0.5	5.0				11.0					6.0	27	No
28															0	
SFD	565	0	54	91	54	0	0	0	322	0	0	0	0	167	687	0
AF	1,122	0	107	181	107	0	0	0	638	0	0	0	0	331	1,363	0
	21			287			107		638	0	0		0	331	25	

Note:

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

2022

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	2/28/2022	46.6	
Ranch HQ - Domestic	2/28/2022	16.9	
Landers Sand - Old Ag Well	2/28/2022	20	
Onyx Store - Old Ag Well	2/28/2022	21.5	
Mack Well	2/28/2022	25.2	
Nicoll Field - Old Ag Well	2/28/2022	18.9	
Mack Field West - Domestic	2/28/2022	16.8	
Gibboney-2 Piezo	2/28/2022	5	
Gibboney-3 Piezo	2/28/2022	6.1	
Boone Piezo	2/28/2022	10.2	
Lieb Piezo	2/28/2022	9	
Pruitt Piezo	2/28/2022	17.7	
Scodie Well	2/28/2022	22.6	
Pruitt Well	2/28/2022	17.6	
Nicoll Well	2/28/2022	20.2	
Mack Piezo	2/28/2022	20.5	