

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

FROM: Dan W. Bartel

DATE: February 8, 2022

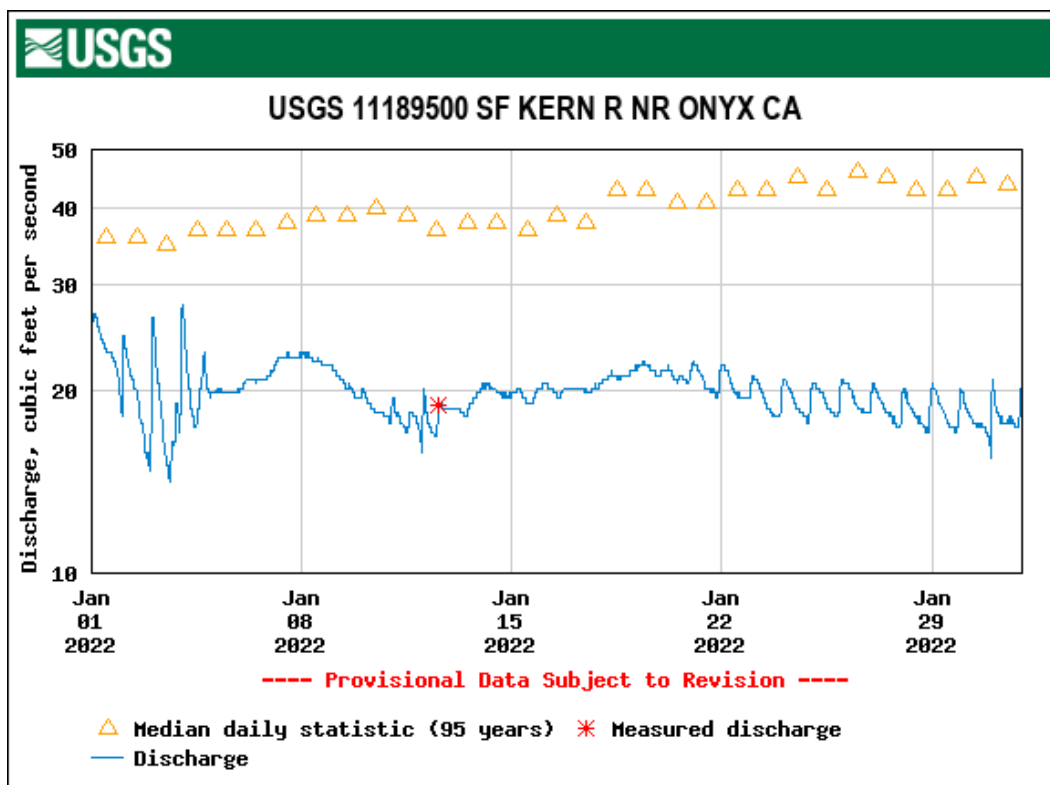
RE: Onyx Ranch Operations Report

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
- Preparing for 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.

Onyx Ranch diverted 653 AF in January. Wells were operated to supplement the available surface water supplies. South Fork flows downstream of Bloomfield averaged 20 cfs with a peak of 22 cfs, below the long-term median of 40 cfs.



South Fork Kern River Monthly Diversion Report

Jan-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)			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	24								11.2						11	No
2	19								10.0						10	No
3	19								8.2				0.5		9	No
4	21								7.6				0.5		8	No
5	20								10.6				0.5		11	No
6	21								10.7				0.5		11	No
7	23								11.6				0.5		12	No
8	22								12.0				0.5		13	No
9	20								11.1				0.5		12	No
10	19								10.2				0.5		11	No
11	18			9.0					9.0				0.5		19	No
12	18			9.0					9.5				0.5		19	No
13	19			8.0					9.8				0.5		18	No
14	20			9.0					10.5				0.5		20	No
15	20			9.0					10.4				0.5		20	No
16	20			9.0					10.5				0.5		20	No
17	20			9.0					10.1				1.8		21	No
18	21			9.0					11.0				1.8		22	No
19	22			10.0					11.3				1.8		23	No
20	21			10.0					10.0				1.8		22	No
21	21			10.0					10.0				1.8		22	No
22	20			10.0					7.1				1.8		19	No
23	19			10.0					6.5				1.8		18	No
24	19			10.0					11.8				4.0		26	No
25	19			7.0					12.1				4.0		23	No
26	19			7.0					12.6				4.0		24	No
27	19			7.0					13.0				4.0		24	No
28	18			6.0					13.0				4.0		23	No
29	19			7.0					13.0				4.0		24	No
30	18			6.0					12.6				4.0		23	No
31	19			6.0					12.5				4.0		22	No
SFD	616	0	0	177	0	0	0	0	329	0	0	0	0	51	558	0
AF	1,221	0	0	351	0	0	0	0	653	0	0	0	0	102	1,106	0
	20			351				0		653			0	102	18	

Note: Cottonwood via the Landers

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

2022

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	1/31/2022	44	
Ranch HQ - Domestic	1/31/2022	15.6	
Landers Sand - Old Ag Well	1/31/2022	18.6	
Onyx Store - Old Ag Well	1/31/2022	22.3	
Mack Well	1/31/2022	25.5	
Nicoll Field - Old Ag Well	1/31/2022	19.2	
Mack Field West - Domestic	1/31/2022	15.3	
Gibboney-2 Piezo	1/31/2022	4.4	
Gibboney-3 Piezo	1/31/2022	7.2	
Boone Piezo	1/31/2022	10.2	
Lieb Piezo	1/31/2022	9.2	
Pruitt Piezo	1/31/2022	16	
Scodie Well	1/31/2022	26.6	
Pruitt Well	1/31/2022	17.2	
Nicoll Well	1/31/2022	19.5	
Mack Piezo	1/31/2022	20.3	