

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

FROM: Dan W. Bartel

DATE: October 12, 2021

RE: Onyx Ranch Operations Report

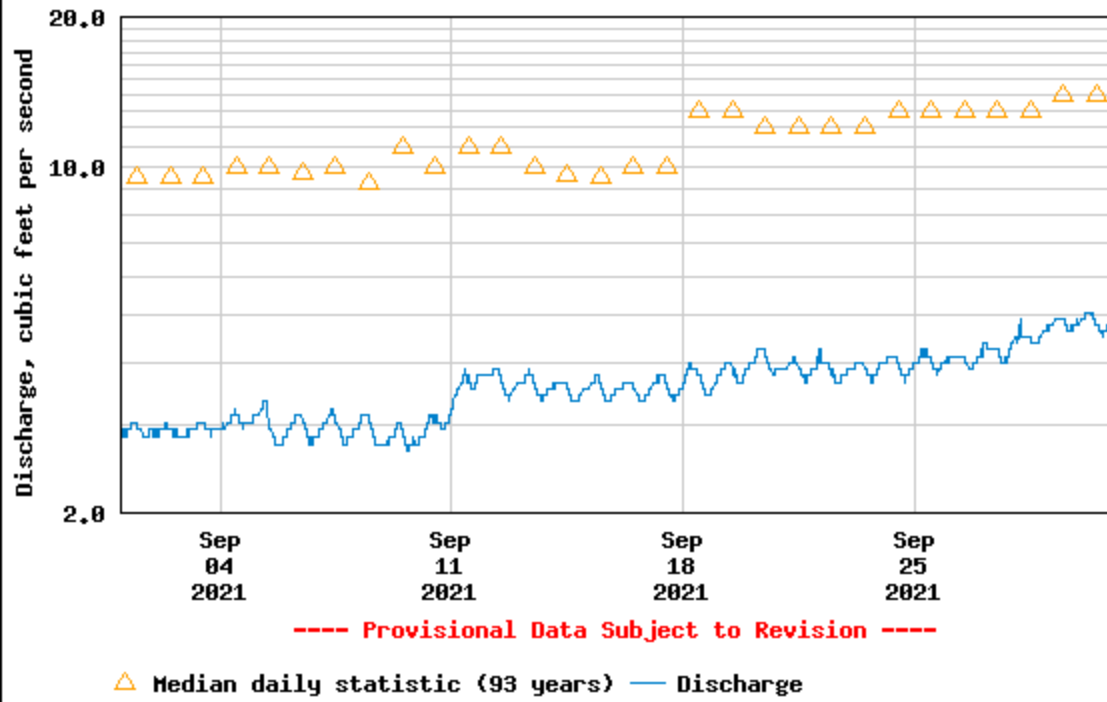
Discussion:

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.
- Worked on fencing projects
- Worked on stockwater systems projects
- Worked on planning for flow metering improvements of other right holders
- Conducted BIO-1: Assessment and Monitoring Program for pre-project sensitive vegetation natural communities' assessment.
- Received all three VRF approvals
- Awaiting access documents for annual maintenance activities on Boone/Mack/Nicoll and for Smith metering
- 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 January 1, 2022.

Onyx Ranch diverted 59 in August. Wells were operated to supplement the available surface water supplies. South Fork flows downstream of Bloomfield averaged 4 cfs with a peak of 5 cfs, below the long-term median of 12 cfs.

USGS 11189500 SF KERN R NR ONYX CA



South Fork Kern River Monthly Measurement Report

Sep-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	3								1.0					1.7	3	No
2	3								1.0					1.7	3	No
3	3													1.7	2	No
4	3													1.7	2	No
5	3								1.0					1.7	3	No
6	3													1.7	2	No
7	3													1.7	2	No
8	3													1.7	2	No
9	3													1.7	2	No
10	3													1.7	2	No
11	4													1.7	2	No
12	4													1.7	2	No
13	4													2.0	2	No
14	4													2.0	2	No
15	4													2.0	2	No
16	4													2.0	2	No
17	4													2.0	2	No
18	4													2.0	2	No
19	4													2.0	2	No
20	4								1.0					0.0	1	No
21	4								2.5					0.0	3	No
22	4								2.5					0.0	3	No
23	4								2.5					0.0	3	No
24	4								2.5					0.0	3	No
25	4								2.5					0.0	3	No
26	4								2.5					0.0	3	No
27	4								2.5					0.0	3	No
28	5								2.5					0.0	3	No
29	5								2.5					0.0	3	No
30	5								3.0					0.0	3	No
SFD	109	0	0	0	0	0	0	0	30	0	0	0	0	34	64	0
AF	215	0	0	0	0	0	0	0	59	0	0	0	0	68	127	0
	4	0			0			59			0	0		68		

Note:

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

2021

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	9/30/2021	38.2	
Ranch HQ - Domestic	9/30/2021	22.7	
Landers Sand - Old Ag Well	9/30/2021	25.2	
Onyx Store - Old Ag Well	9/30/2021	26.8	
Mack Well	9/30/2021	90.1	The well is running
Nicoll Field - Old Ag Well	9/30/2021	35	
Mack Field West - Domestic	9/30/2021	20.8	
Gibboney-2 Piezo	9/30/2021	12	
Gibboney-3 Piezo	9/30/2021	11.8	
Boone Piezo	9/30/2021	11.4	
Lieb Piezo	9/30/2021	10.2	
Pruitt Piezo	9/30/2021	21.3	
Scodie Well	9/30/2021	77	The well is running
Pruitt Well	9/30/2021	23.1	
Nicoll Well	9/30/2021	55.5	The well is running
Mack Piezo	9/30/2021	19.55	