

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

FROM: Dan W. Bartel

DATE: April 14, 2020

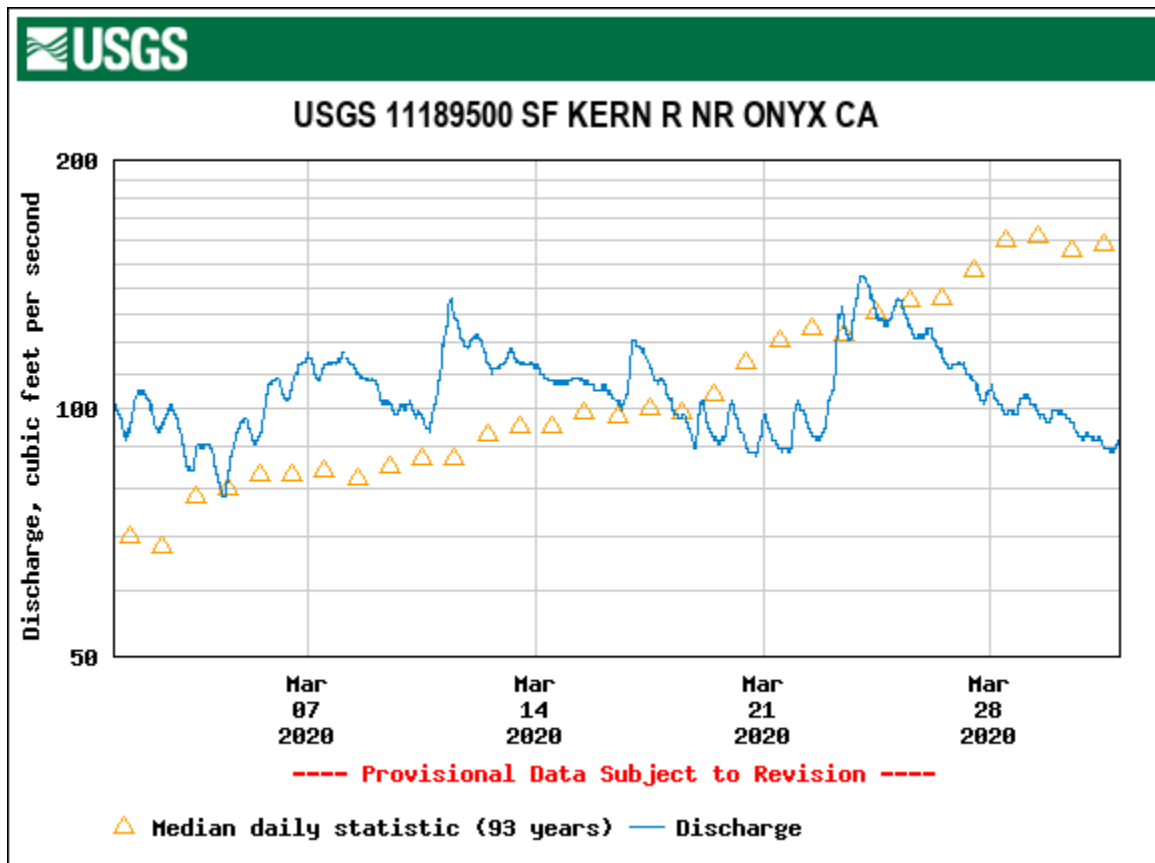
RE: Onyx Ranch Operations Report

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
- Hosted four CEQA briefings to various stakeholders
- Screen Check DEIR was received from ESA and comments were provided to Karen Northcutt. According to ESA the DEIR is scheduled for release April 24.

Onyx Ranch diverted 939 AF in March. Monthly demands were down from previous years due to field transitions. South Fork flows downstream of Bloomfield averaged 105 cfs for the month with a peak of 145 cfs, above the long-term median of 100 cfs.



South Fork Kern River Monthly Measurement Report

Mar-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	77		2.0	3.0	2.0			12.1	21.8		9.8			5.3	56	Yes
2	98		2.0	3.0	2.0			12.5	23.0	16.6	10.0			4.7	74	Yes
3	89		3.5	8.0	3.5				20.8	15.5	10.5			4.7	67	Yes
4	87		4.0	9.0	4.0				19.8	21.7				4.7	63	Yes
5	98		4.5	10.0	4.5				21.2	27.3				4.7	72	Yes
6	109		5.0	9.0	5.0				14.8	14.2				4.7	53	Yes
7	113		5.0	10.0	5.0				15.4	12.3				4.7	52	Yes
8	111		5.0	10.0	5.0				15.5	12.5				4.7	53	Yes
9	102		5.0	10.0	5.0				14.9		10.8			5.3	51	Yes
10	99		5.0	9.0	5.0				14.8		10.3			5.3	49	Yes
11	123		5.0	9.0	5.0				18.3		11.9			5.3	55	Yes
12	116		5.0	10.0	5.0						9.0			5.3	34	Yes
13	114		5.0	9.0	5.0									5.3	24	Yes
14	109		5.0	10.0	5.0							5.0		5.3	30	Yes
15	107		5.0	10.0	5.0									5.3	25	Yes
16	105		5.0	10.0	5.0			13.0						5.3	38	Yes
17	113		5.0	10.0	5.0			13.0						5.3	38	Yes
18	97		5.0	10.0	5.0			13.0						5.3	38	Yes
19	95		5.0	10.0	5.0			13.3						5.3	39	Yes
20	93		5.0	10.0	5.0			12.2						5.3	38	Yes
21	92		5.0	10.0	5.0			13.2						5.3	39	Yes
22	96		5.0	10.0	5.0			12.6						5.3	38	Yes
23	128		5.0	10.0	5.0							6.4		5.3	32	Yes
24	135		5.0	10.0	5.0							7.9		6.7	35	Yes
25	130		5.0	10.0	5.0							7.6		6.7	34	Yes
26	121		5.0	10.0	5.0							8.3		6.7	35	Yes
27	109		5.0	10.0	5.0							7.9		6.7	35	Yes
28	99		5.0	10.0	5.0							6.9		6.7	34	Yes
29	100		5.0	10.0	5.0							6.5		6.7	33	Yes
30	96		5.0	10.0	5.0							6.5		5.5	32	Yes
31	91		6.0	10.0	6.0				22.3	15.7		10.0		5.5	76	Yes
SFD	3,252	0	147	289	147	0	0	115	223	136	72	73	0	169	1,371	0
AF	6,450	0	292	573	292	0	0	228	442	269	143	145	0	336	2,719	0

105

865

292

939

143

145

336

44

Note: Cottonwood via the Landers

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

2020

Well Name	DATE	Depth to Water (ft)	Notes
Onyx Store - Domestic	3/31/2020	36.5	
Ranch HQ - Domestic	3/31/2020	15	
Landers Sand - Old Ag Well	3/31/2020	18.6	
Onyx Store - Old Ag Well	3/31/2020	19.8	
Mack Well	3/31/2020	19	
Nicoll Field - Old Ag Well	3/31/2020	13.6	
Mack Field West - Domestic	3/31/2020	10.5	
Gibboney-2 Piezo	3/31/2020	6.7	
Gibboney-3 Piezo	3/31/2020	5.6	
Boone Piezo	3/31/2020	6.6	
Lieb Piezo	3/31/2020	7.6	
Pruitt Piezo	3/31/2020	14.3	
Scodie Well	3/31/2020	23.5	
Pruitt Well	3/31/2020	15.4	
Nicoll Well	3/31/2020	13.9	
Mack Piezo	3/31/2020	16.8	