ROSEDALE-RIO BRAVO
WATER STORAGE DISTRICT

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September 8, 2026

To: Rosedale-Rio Bravo Water Storage District Board of Directors

Agenda Item: 7a.

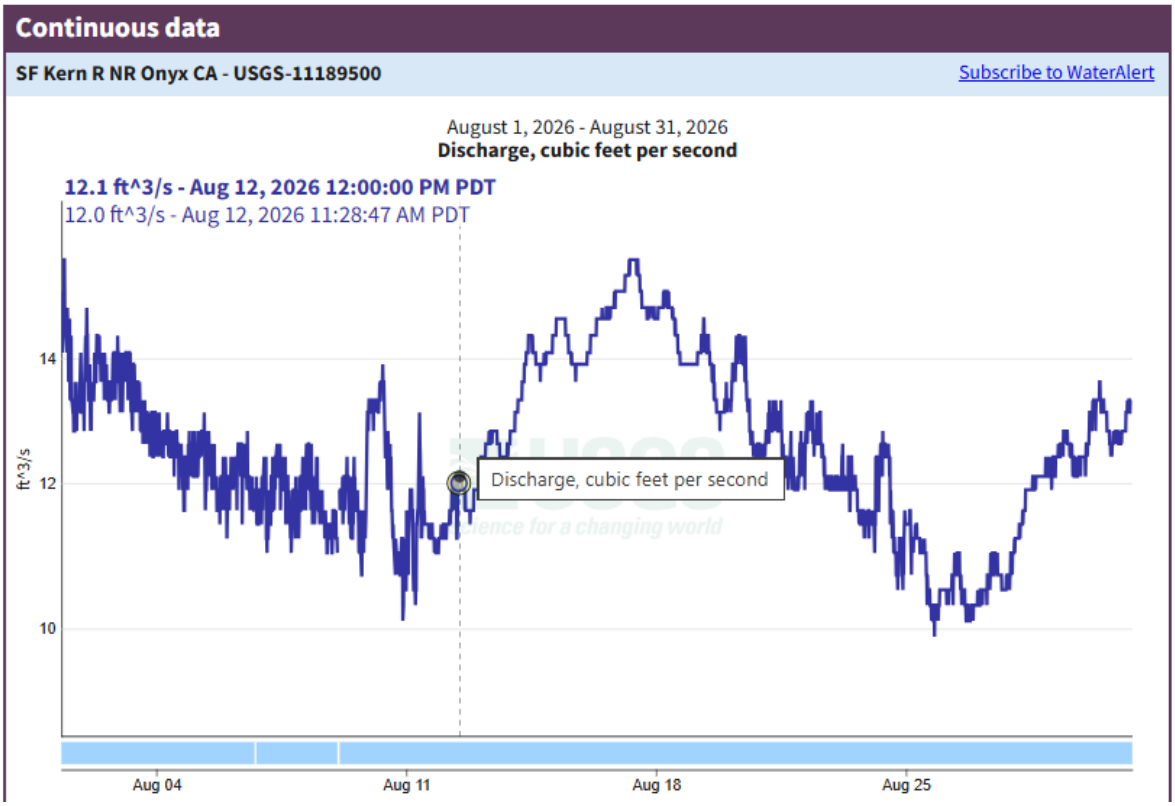
From: Dan Bartel

Re: Onyx Project Report

This month we:

- Continued operation of conveyance facilities.
- USGS last verified South Fork station on August 12.
- Stream gaged at Doyle Rd August 1, 11, 15 and Patterson Ln July 5, 8, and 11.
- Coordinated Project operations with KRI's. Turned off project on 8/7 due to low flow.
- Preparing order of materials for Miller Ditch liner replacement at Prince Ranch in October.
- Turned off stock well starting August 12 when project went off and replaced with SF.
- Commenced Landers ditch cleaning August 24.
- Operated Project August 1-6 and recorded net project water of 27 AF.

South Fork flows downstream of Bloomfield averaged 13 cfs plus calculated accretions of 1 cfs, for a total average flow of about 14 cfs.



Daily values in SFD = Second Foot Days, Monthly total in AF = Acre-Feet

August-2026

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 (2/3 Smith)	RRBWSD (1/3 Smith)			Total Diverted	South Fork		RRBWSD to Isabella		
	Mean Flow	USGS - Onyx @ 0500	Accretions	Doyle Ranch Road	Mill/Hillside	Miller	Prince	Miller	Scodie/Mack	Landers	Nicoll	Redirected "Gross Project Water"	Nicoll	Cottonwood	Nicoll	Total Smith	Smith	Smith	Redirected "Gross Project Water"		Sierra Way "Flow"	Patterson "Flow"	"Calculated Project Water"	Adjustment Per Field Measurements	"Project Water"
1	14	*14*	*2*	*13*		*1.4*		*1.3*				**6.2**	*3.0*			4.1	*0.8*		**3.3**	7	Yes	Yes	5.93	-4.25	**1.68**
2	14	*13*	3									**9.1**	*2.8*			4.0	*0.7*		**3.3**	4	Yes	Yes	7.71	-5.00	**2.71**
3	13	*13*	3									**9.4**	*2.8*			3.8	*0.5*		**3.3**	3	Yes	Yes	7.93	-5.00	**2.93**
4	13	*13*	3									**9.8**	*2.6*			3.6	*0.3*		**3.3**	3	Yes	Yes	8.18	-5.00	**3.18**
5	12	*12*	*3*									**7.8**	*2.6*			4.6	*1.3*		**3.3**	4	Yes	**1.41**	6.93	-5.50	**1.43**
6	12	*12*	*3*									**7.9**	*2.5*			4.6	*1.3*		**3.3**	4	Yes	Yes	6.99	-5.50	**1.49**
7	12	*11*	*3*									**7.2**	*2.5*			4.3	*1.0*		**3.3**	4	Yes	Yes	6.55		**0.00**
8	12	*12*	*3*									**8.2**	*2.5*			4.3	*1.0*		**3.3**	4	Yes	**1.41**	7.18		**0.00**
9	12	*11*	*3*									**7.0**	*2.6*			4.4	*1.1*		**3.3**	4	Yes	Yes	6.43		**0.00**
10	12	*12*	*3*									**8.0**	*2.5*			4.5	*1.2*		**3.3**	4	Yes	Yes	7.05		**0.00**
11	11	*11*	*3*	*10*								**6.7**	*2.3*			4.5	*1.2*		**3.3**	4	Yes	**1.03**	6.24		**0.00**
12	12	*11*	*3*									**7.6**	*2.3*			4.4	*1.1*		**3.3**	3	Yes	Yes	6.82		**0.00**
13	13	**12**	*3*							*4.2*	*2.1*	**0.0**	*2.3*			2.0	*2.0*		**0.0**	11	Yes	Yes	0.00		**0.00**
14	14	13	3							*2.0*	*2.5*	**0.0**	*2.4*			2.3	*2.3*		**0.0**	9	Yes	Yes	0.00		**0.00**
15	14	*15*	*0*	*4*						*1.6*	*5.0*	**0.0**	*2.0*			2.3	*2.3*		**0.0**	11	Yes	Yes	0.00		**0.00**
16	15	*14*	*0*							*0.9*	*5.0*	**0.0**	*3.0*			2.3	*2.3*		**0.0**	11	Yes	Yes	0.00		**0.00**
17	15	*16*	*0*							*1.6*	*5.0*	**0.0**	*2.8*			2.3	*2.3*		**0.0**	12	Yes	Yes	0.00		**0.00**
18	15	15	*0*							*1.5*	5.0	**0.0**	*2.2*			2.3	*2.3*		**0.0**	11	Yes	Yes	0.00		**0.00**
19	14	14	*0*							*1.1*	5.6	**0.0**	*2.8*			2.2	*2.2*		**0.0**	12	Yes	Yes	0.00		**0.00**
20	13	14	*0*							*0.0*	5.0	**0.0**	*2.3*			2.1	*2.1*		**0.0**	9	Yes	Yes	0.00		**0.00**
21	13	13	*0*								5.0	**0.0**	*2.3*			2.0	*2.0*		**0.0**	9	Yes	Yes	0.00		**0.00**
22	13	13	*0*								6.0	**0.0**	*2.6*			2.1	*2.1*		**0.0**	11	Yes	Yes	0.00		**0.00**
23	12	12	*0*								6.0	**0.0**	*2.7*			1.0	*1.0*		**0.0**	10	Yes	Yes	0.00		**0.00**
24	12	12	*0*								6.0	**0.0**	*3.0*			1.6	*1.6*		**0.0**	11	Yes	Yes	0.00		**0.00**
25	11	11	*0*								6.0	**0.0**	*3.4*			1.6	*1.6*		**0.0**	11	Yes	Yes	0.00		**0.00**
26	11	11	*0*								6.0	**0.0**	*2.8*			1.5	*1.5*		**0.0**	10	Yes	Yes	0.00		**0.00**
27	11	11	*0*								*6.0*	**0.0**	*2.9*			1.5	*1.5*		**0.0**	10	Yes	Yes	0.00		**0.00**
28	12	11	*0*								*6.0*	**0.0**	*3.0*			1.8	*1.8*		**0.0**	11	Yes	Yes	0.00		**0.00**
29	12	12	*0*								*6.2*	**0.0**	2.9			2.1	*2.1*		**0.0**	11	Yes	Yes	0.00		**0.00**
30	13	13	*0*								*6.3*	**0.0**	2.9			2.2	*2.2*		**0.0**	11	Yes	Yes	0.00		**0.00**
31	13	13	0								6.7	**0.0**	3.0			2.1	2.1		**0.0**	12	Yes	Yes	0.00		**0.00**
SFD	391	390	41	27	0	1	0	1	0	13	101	95	82	0	0	88	49	0	40	248			84		13.41
AF	775	773	82		0	3	0	3	0	26	201	188	163	0	0	175	97	0	79	492			166.47		26.59
	12.6	12.6	1.4				**3**					**415**			**0**					7.9					

Note:

Cottonwood via the Landers

Project off 8/7, no flow to reservoir reported 8/13

Redirected Historic Irrigation Demand Limit = 31

USGS SFork at 0500

https://waterdata.usgs.gov/monitoring-location/11189500/#dataTypeId=continuous-00065-0&period=P7D

Nicoll flow for RRB to Boone

Bold ## on USGS denotes USGS gage verification

South Fork Kern River Annual Diversion Report - 2026

All units in AF

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) 2/3	Smith (RRB) 1/3	Total South Fork Diverted All Users	South Fork		RRBWSD (Onyx Project Actual)	
	USGS - Onyx (AF)	Accretions "Estimated"	Mill/Hillside	Miller	Prince	Miller	Scodie/Mack	Landers	Nicoll	Nicoll	Cottonwood	Nicoll	Smith	Smith		Sierra Way "Flow"	Patterson "Flow"	Net Redirected Flow	Project Water
January	15,697	307	0	140	0	139	0	18	0	144	343	0	160	0	**945**	Yes	Yes	599	404
February	13,389	278	0	137	0	135	0	0	0	165	358	67	210	8	**1,081**	Yes	Yes	819	501
March	43,073	307	0	176	316	174	0	0	184	372	268	123	364	0	**1,976**	Yes	Yes	2,148	1,285
April	16,539	298	0	221	298	220	0	0	127	362	308	40	338	1	**1,913**	Yes	Yes	2,201	1,384
May	7,591	186	0	310	343	309	0	0	113	218	318	66	330	0	**2,006**	Yes	Yes	2,644	1,673
June	3,055	-224	0	197	208	182	0	0	0	198	219	25	197	0	**1,227**	Yes	Yes	1,525	952
July	1,378	31	0	151	0	133	0	0	2	171	69	0	43	0	**569**	Yes	Yes	838	462
August	775	82	0	3	0	3	0	26	201	163	0	0	97	0	**492**	Yes	Yes	267	27
September																			
October																			
November																			
December																			
AF	**101,497**	1,265	0	1,334	1,165	1,295	0	44	627	1,793	1,882	321	1,739	9	**10,208**			**11,042**	**6,689**
																		MAX of 14,000 per 4.3.5	

Note: Nicoll RRB diversions riparian Boone deliveries only Cottonwood via the Landers