

November 11, 2025

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.
- Recorded that the USGS did not verify South Fork station.
- Stream gaged at Doyle 5 times and Patterson 5 times to verify net project water.
- Coordinated Project operations with KRI's.
- Harder is working on model update for 2026 no-injury calculation.
- Redirected flows October 1-14, and 21-31. Net project water was 450 AF
- Worked with contractor on plan for stockwater well iron treatment services.
- Discussed conservation easement options with Audubon.

South Fork flows downstream of Bloomfield averaged 31 cfs plus calculated accretions of 3 cfs, for a total average flow of about 34 cfs.



October-2025

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

Date	Mean Flow	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)		Total Smith	Smith (2/3 Smith)	RRBWS (1/3 Smith)		Total Diverted	South Fork			RRBWS to Isabella
		USGS - Onyx @ 0500	Accretions	Doyle Ranch Road	Mill/Hillside	Miller	Prince	Miller	Scodie/Mack	Landers	Nicoll	Redirected "Gross Project Water"	Nicoll	Cottonwood	Nicoll		Smith	Smith	Redirected "Gross Project Water"		Sierra Way "Flow"	Patterson "Flow"	"Net Project Water"	
1	26	26	3			2.3		2.3			1.0		6.6		3.1		6.6	3.3		0.0	12	Yes	Yes	6.68
2	25	26	3			2.2		2.2			1.0		6.6		3.1		7.0	3.7		0.0	12	Yes	Yes	6.68
3	24	25	3			2.1		2.1			1.0		6.0		3.1		6.1	2.8		0.0	11	Yes	9.42	6.28
4	24	24	3	20.17		1.9		2.0			1.4		4.8		3.2		5.8	2.5		0.0	11	Yes	Yes	5.47
5	24	25	3			3.7		3.7			1.0		6.0		3.3		5.9	2.6		0.0	14	Yes	Yes	6.28
6	24	24	3			3.6		3.5			0.9		5.3		2.9		5.7	2.4		0.0	13	Yes	Yes	5.81
7	23	24	3			3.6		3.5			1.0		5.2		2.9		5.6	2.3		0.0	13	Yes	Yes	5.74
8	23	23	3			3.4		3.4			0.9		5.3		2.9		5.4	2.1		0.0	13	Yes	Yes	5.81
9	22	22	2			3.4		3.4			1.0		5.2		2.9		5.3	2.0		0.0	13	Yes	Yes	5.74
10	22	22	2	21.55		2.6		2.5			1.0		5.2		2.9		5.1	1.8		0.0	11	Yes	7.4	5.74
11	22	22	3			2.4		2.4			1.1		5.1		3.0		5.0	1.7		0.0	11	Yes	Yes	5.67
12	22	22	3			2.4		2.3			1.0		5.2		2.9		5.0	1.7		0.0	10	Yes	Yes	5.74
13	23	23	3			2.4		2.4			1.0		5.2		2.9		5.8	2.5		0.0	11	Yes	Yes	5.74
14	47	23	3			2.4		2.4			1.2		5.0		3.1		5.1	1.8		0.0	11	Yes	Yes	5.60
15	50	56	3			0.0		0.0			1.7		0.0		0.0		8.7	5.8		2.9	10	Yes	Yes	0.00
16	40	40	3			0.0		0.0			1.7		0.0		0.0		3.6	2.3		1.3	5	Yes	Yes	0.00
17	38	38	3	25.14		0.0		0.0			10.7		0.0		0.0		3.5	2.2		1.3	14	Yes	19.4	0.00
18	37	37	1			0.0		0.0			10.7		0.0		0.0		3.2	2.1		1.1	14	Yes	Yes	0.00
19	39	38	1			0.0		0.0			11.6		0.0		0.0		3.4	2.3		1.1	15	Yes	Yes	0.00
20	40	38	1			0.0		0.0			12.1		0.0		0.0		3.6	2.4		1.2	16	Yes	Yes	0.00
21	41	41	1			0.0		0.0			0.0		18.9		0.0		6.0	3.4		0.0	13	Yes	Yes	14.99
22	40	40	1			0.0		0.0			0.0		17.9		0.0		6.1	3.4		0.0	16	Yes	Yes	14.31
23	38	38	1			0.0		0.0			0.0		15.9		0.0		6.5	3.0		0.0	15	Yes	Yes	12.96
24	38	38	1	27.72		0.0		0.0			0.0		15.9		0.0		6.5	3.0		0.0	15	Yes	17.76	12.96
25	37	37	3			3.0		3.0			0.0		15.9		3.0		6.3	3.0		0.0	21	Yes	Yes	12.96
26	36	37	3			2.3		2.4			0.0		16.9		3.0		8.7	5.4		0.0	20	Yes	Yes	13.64
27	35	36	3			1.8		1.8			0.0		15.9		2.9		8.4	5.1		0.0	18	Yes	Yes	12.96
28	34	34	3			2.1		2.1			0.0		14.7		2.9		8.0	4.7		0.0	17	Yes	19.3	12.15
29	33	33	5			2.2		2.2			0.0		15.7		2.8		4.5	4.5		0.0	16	Yes	Yes	12.83
30	32	32	5			2.3		2.2			0.0		14.7		2.9		4.4	4.3		0.0	16	Yes	Yes	12.15
31	31	32	5	24.72		2.3		2.3			0.0		14.7		2.9		7.6	4.3		0.0	16	Yes	18.5	12.15
SFD	988	976	84		0	54	0	54	0	63	0	254	63	61	13	197	106	9	83	423	0	92	227	
AF	1,960	1,935	166		0	108	0	107	0	125	0	503	124	121	25	197	210	18	164	839	0	3,642	450.26	
		31	3			108		108				628	124	147		3.4	0.3		18		14		13.47	9.08

Note:

Cottonwood via the Landers

Miller ditch water is being split Prince and Haf. 50/50

Redirected Historic Irrigation Demand Limit = 26

South Fork Doyle Ranch Flow measurement, value carries for next week

USGS SFork at 0500

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

Bold ## on USGS denotes USGS gage verification

Accretions on 10/25 calculated to 5 cfs, used 3 cfs. Confirmed flow at Patterson on 10/28 so increased back to 5 cfs.

Heavy Precip 10/14 project off 10/15-10/20