

January 13, 2026

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

**Agenda Item:** 7a

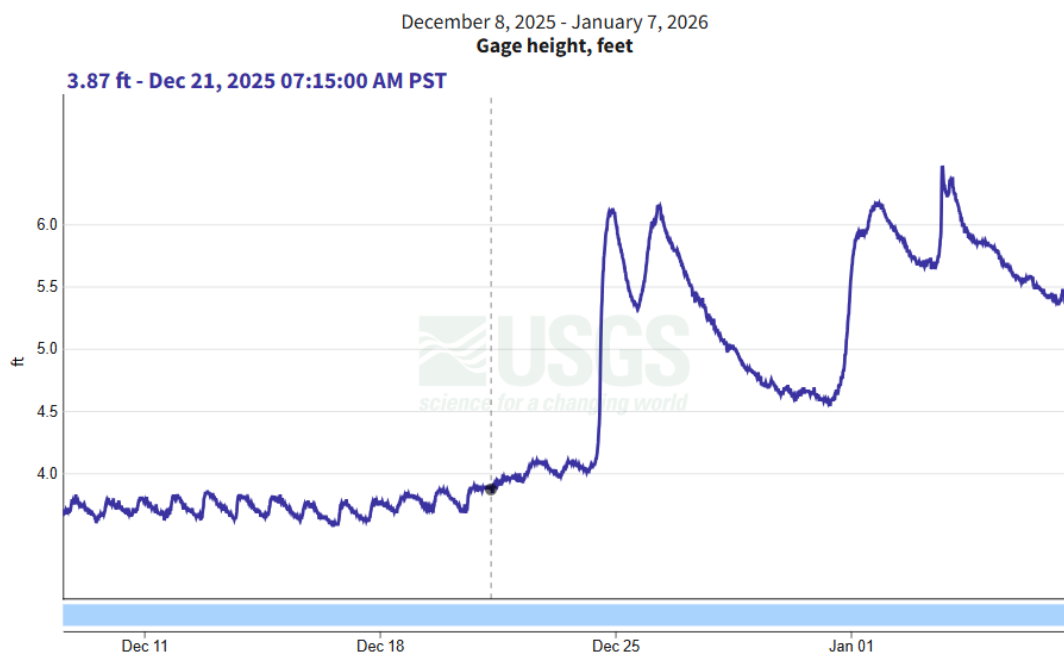
**From:** Dan Bartel

**Re:** Onyx Project Report

This month we:

- Continued operation of conveyance facilities.
- Recorded that USGS did not verify South Fork station during December.
- Did not stream gage at Doyle nor Patterson as there was no project water.
- Coordinated Project operations with KRI's.
- Harder is working on model update for 2026 no-injury calculation.
- Performed annual ditch cleaning operations.
- Shot off project due to precipitation and annual ditch cleaning.
- Recorded net project water was 0 AF.
- Worked on a automated daily allocation method.

South Fork flows downstream of Bloomfield averaged 129 cfs plus calculated accretions of 5 cfs, for a total average flow of about 134 cfs.



December-2025

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 (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"
1	76	81	5		1.9		1.8		13.4		0.0		3.0		5.8	3.9	1.9	0.0	26	Yes	Yes	0.00
2	74	76	5		1.9		1.8		10.7		0.0		5.0		5.6	3.8	1.8	0.0	25	Yes	Yes	0.00
3	71	71	5		1.9		1.8		10.4		0.0		5.0		5.5	3.7	1.8	0.0	25	Yes	Yes	0.00
4	67	70	5		1.9		1.9		10.8		0.0		5.0		0.0			0.0	20	Yes	Yes	0.00
5	63	63	5		1.9		1.9		10.3		0.0		5.0		0.0			0.0	19	Yes	Yes	0.00
6	63	64	5		1.9		1.8		12.9		0.0		5.0		0.0			0.0	22	Yes	Yes	0.00
7	63	64	5		1.9		1.9		9.4		0.0		10.0		0.0			0.0	23	Yes	Yes	0.00
8	64	65	5		1.9		1.9		8.2		0.0		10.5		0.0			0.0	23	Yes	Yes	0.00
9	63	66	5		2.0		1.9		13.7		0.0		5.0		0.0			0.0	23	Yes	Yes	0.00
10	65	68	5		1.9		1.8		13.1		0.0		5.0		0.0			0.0	22	Yes	Yes	0.00
11	65	65	5		1.9		1.9		14.1		0.0		4.0		0.0			0.0	22	Yes	Yes	0.00
12	66	68	5		1.9		1.9		14.1		0.0		4.0		0.0			0.0	22	Yes	Yes	0.00
13	66	66	5		1.9		1.9		14.1		0.0		5.0		0.0			0.0	23	Yes	Yes	0.00
14	65	66	5		1.9		1.9		14.4		0.0		5.0		0.0			0.0	23	Yes	Yes	0.00
15	64	66	5		1.8		1.8		15.8		0.0		4.0		0.0			0.0	23	Yes	Yes	0.00
16	60	59	5		1.9		1.9		14.4		0.0		4.0		0.0			0.0	22	Yes	Yes	0.00
17	62	61	5		1.8		1.8		15.0		0.0		4.0		0.0			0.0	23	Yes	Yes	0.00
18	68	68	5		1.8		1.8		15.0		0.0		4.0		0.0			0.0	23	Yes	Yes	0.00
19	70	68	5		1.8		1.8		15.0		0.0		4.0		0.0			0.0	23	Yes	Yes	0.00
20	72	70	5		1.8		1.8		15.0		0.0		4.0		0.0			0.0	23	Yes	Yes	0.00
21	83	80	5		1.7		1.7		17.6		0.0		3.0		0.0			0.0	24	Yes	Yes	0.00
22	95	85	5		1.8		1.7		16.6		0.0		4.0		0.0			0.0	24	Yes	Yes	0.00
23	96	91	5		1.8		1.7				0.0				0.0			0.0	4	Yes	Yes	0.00
24	317	93	5		1.7		1.7				0.0				0.0			0.0	3	Yes	Yes	0.00
25	442	503	5		1.7		1.7				0.0		1.4		0.0			0.0	5	Yes	Yes	0.00
26	593	636	5		1.7		1.7				0.0		1.5		0.0			0.0	5	Yes	Yes	0.00
27	363	411	5		1.8		1.7				0.0		1.0		0.0			0.0	5	Yes	Yes	0.00
28	242	257	5		1.7		1.6				0.0		2.3		0.0			0.0	6	Yes	Yes	0.00
29	192	199	5		1.6		1.6				0.0		2.2		0.0			0.0	5	Yes	Yes	0.00
30	179	183	5		1.6		1.6				0.0		2.1		0.0			0.0	5	Yes	Yes	0.00
31	202	170	5		1.7		1.6				0.0		1.7		0.0			0.0	5	Yes	Yes	0.00
SFD	4,131	4,052	155		0	56	0	55	0	294	0	0	120	0	17	11	6	0	542	0	0	0
AF	8,194	8,037	307		0	111	0	109	0	583	0	0	237	0		23	11	0	1,075	0	0	0.00
		129	5			111				583	0		237			3.8	1.8		18			0.00

Note:

Cottonwood via the Landers  
 Miller ditch water is being split Prince and Haf. 50/50  
 Redirected Historic Irrigation Demand Limit = 21  
 USGS SFork at 0500  
<https://waterdata.usgs.gov/monitoring-location/11189500/#dataTypeId=continuous-00065-0&period=P7D>  
 Bold ## on USGS denotes USGS gage verification  
 Project off for annual ditch maintenance Smith, Nicoll, Landers 12/1-22. Large storm expected 12/23 so stayed off for the rest of the month.  
 Prince Ditch down for maintenance  
 Ditch Cleaning began 12/1 -

#DIV/0!

**South Fork Kern River Annual Diversion Report - 2025**

All units in AF																		
Date	South Fork		D.Prince (4,5,17,20-22,37)		Hafenfeld (5)	RRBWSO (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		RRBWSO (Onyx Project Actual)	
	USGS - Onyx (AF)	Accretions "Estimated"	Miller	Prince	Miller	Scodie/Mack	Landers	Nicoll	Nicoll	Cottonwood	Nicoll	Smith	Smith		Sierra Way "Flow"	Patterson Flow	Redirected "Gross Project Water"	Net Project
January	2,325	636	0	238	0	0	363	0	0	281	0	228	114	1,223	Yes	Yes		
February	5,926	836	0	230	0	0	226	0	0	81	0	240	120	897	Yes	Yes		
March	9,394	828	63	728	63	414	611	60	248	0	0	362	181	2,731	Yes	Yes		
April	15,663	417	474	591	475	353	795	101	338	20	199	414	207	3,968	Yes	Yes		
May	10,598	430	306	533	307	763	952	427	106	311	87	410	205	4,408	Yes	Yes		
June	3,618	417	180	425	180	0	393	280	174	238	0	296	95	2,260	Yes	Yes	768	0
July	1,269	328	197	100	197	0	224	74	175	0	0	103	25	1,094	Yes	Yes	313	83
August	879	76	0	0	0	0	77	0	48	0	0	41	0	166	Yes	Yes	370	242
September	1,091	81	10	0	10	0	69	0	101	0	0	91	0	280	Yes	Yes	454	307
October	1,960	166	108	0	107	0	125	0	124	121	25	210	18	839	Yes	Yes	667	450
November	5,292	262	122	0	121	0	318	0	82	260	0	182	34	1,120	Yes	Yes	402	271
December	8,194	307	111	0	109	0	583	0	0	237	0	23	11	1,075	Yes	Yes	0	0
AF	66,208	4,784	1,570	2,846	1,568	1,531	4,736	942	1,397	1,551	311	2,599	1,010	20,061			2,973	1,353
Note:	Cottonwood via the Landers																	