

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

FROM: Dan W. Bartel

DATE: September 8, 2020

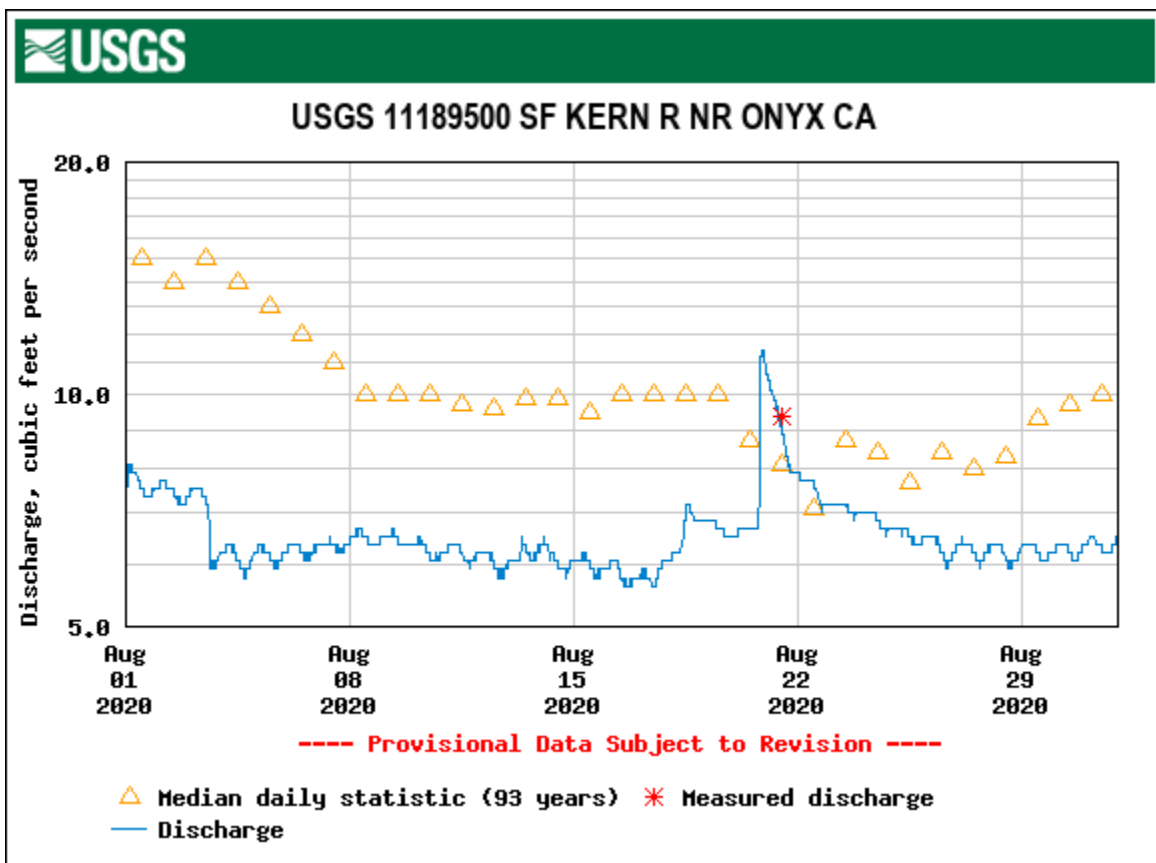
RE: Onyx Ranch Operations Report

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
- Staff continued with fencing projects.
- DEIR review period closed on 7/27 and comments were received from 18 individuals and entities. The CEQA team continues to prepare responses.

Onyx Ranch diverted 461 AF in August. Monthly demands were down from previous years due to field transitions and low flow conditions, wells have turned on to supplement the available surface water supplies. South Fork flows downstream of Bloomfield averaged 7 cfs for the month with a peak of 11 cfs, below the long-term median. Accretions downstream of the USGS gauge averaged 1.5 cfs for the month.



South Fork Kern River Monthly Measurement Report

Dec-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) | | | 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 | 8 | | | | | | | | 9.2 | | | | | | 9 | No |
| 2 | 7 | | | | | | | | 8.9 | | | | | | 9 | No |
| 3 | 7 | | | | | | | | | | | | | | 0 | No |
| 4 | 6 | | | | | | | | 6.9 | | | | | | 7 | No |
| 5 | 6 | | | | | | | | 7.1 | | | | | | 7 | No |
| 6 | 6 | | | | | | | | 7.0 | | | | | | 7 | No |
| 7 | 6 | | | | | | | | 7.0 | | | | | | 7 | No |
| 8 | 7 | | | | | | | | 7.3 | | | | | | 7 | No |
| 9 | 6 | | | | | | | | 8.1 | | | | | | 8 | No |
| 10 | 6 | | | | | | | | 8.0 | | | | 0.6 | | 9 | No |
| 11 | 6 | | | | | | | | 8.0 | | | | 0.6 | | 9 | No |
| 12 | 6 | | | | | | | | 6.7 | | | | 0.6 | | 7 | No |
| 13 | 6 | | | | | | | | 7.5 | | | | 0.6 | | 8 | No |
| 14 | 6 | | | | | | | | 7.0 | | | | 0.6 | | 8 | No |
| 15 | 6 | | | | | | | | 7.5 | | | | 0.6 | | 8 | No |
| 16 | 6 | | | | | | | | 8.1 | | | | 0.6 | | 9 | No |
| 17 | 6 | | | | | | | | 6.3 | | | | | | 6 | No |
| 18 | 7 | | | | | | | | 7.6 | | | | | | 8 | No |
| 19 | 7 | | | | | | | | 8.0 | | | | | | 8 | No |
| 20 | 8 | | | | | | | | 7.4 | | | | | | 7 | No |
| 21 | 9 | | | | | | | | 10.3 | | | | | | 10 | No |
| 22 | 8 | | | | | | | | 9.8 | | | | | | 10 | No |
| 23 | 7 | | | | | | | | 9.2 | | | | | | 9 | No |
| 24 | 7 | | | | | | | | 9.4 | | | | 1.1 | | 11 | No |
| 25 | 7 | | | | | | | | 10.0 | | | | 1.1 | | 11 | No |
| 26 | 6 | | | | | | | | 8.4 | | | | 1.1 | | 10 | No |
| 27 | 6 | | | | | | | | 8.2 | | | | 1.1 | | 9 | No |
| 28 | 6 | | | | | | | | 7.5 | | | | 1.1 | | 9 | No |
| 29 | 6 | | | | | | | | 7.9 | | | | 1.1 | | 9 | No |
| 30 | 6 | | | | | | | | 8.1 | | | | 1.1 | | 9 | No |
| 31 | | | | | | | | | | | | | | | 0 | |
| SFD | 197 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 232 | 0 | 0 | 0 | 0 | 12 | 244 | 0 |
| AF | 391 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 461 | 0 | 0 | 0 | 0 | 24 | 485 | 0 |
| | 7 | | | | | | | | 461 | | | | | 24 | | |

Note: Cottonwood via the Landers

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

2020

| Well Name | DATE | Depth to Water (ft) | Notes |
|----------------------------|-------------|----------------------------|--------------|
| Onyx Store - Domestic | 8/31/2020 | 42.9 | |
| Ranch HQ - Domestic | 8/31/2020 | 54.4 | |
| Landers Sand - Old Ag Well | 8/31/2020 | 19.8 | |
| Onyx Store - Old Ag Well | 8/31/2020 | 22.4 | |
| | | | |
| Mack Well | 8/31/2020 | 27 | |
| Nicoll Field - Old Ag Well | 8/31/2020 | 27 | |
| Mack Field West - Domestic | 8/31/2020 | 14.2 | |
| Gibboney-2 Piezo | 8/31/2020 | 8.6 | |
| Gibboney-3 Piezo | | 9 | |
| Boone Piezo | 8/31/2020 | 8.2 | |
| Lieb Piezo | 8/31/2020 | 7.7 | |
| Pruitt Piezo | 8/31/2020 | 15.3 | |
| Scodie Well | 8/31/2020 | 74.4 | well is on |
| Pruitt Well | 8/31/2020 | 17.4 | |
| Nicoll Well | 8/31/2020 | 51 | well is on |
| Mack Piezo | 8/31/2020 | 17.2 | |