

From: [Walker, Cassondra M](#)
To: [Kundargi, Darrell](#); [Harden, Tasha](#); [Baca, Joaquin](#); [Mcdaniel, Monty K](#)
Subject: Re: SBNWR Water Data 20 - 27 Mar 2020
Date: Thursday, April 16, 2020 11:59:49 AM
Attachments: [Outlook-mggc411d.png](#)
[image.png](#)
[Outlook-c34b2fnf.png](#)

On March 23, the transducer was not removed from the well for flow meter installations. On March 17, the transducer was removed for a pump test. The transducer was removed and paused from about 10 - 11:30ish. This is reflected in the time stamp for that week's data. That is the only time the transducer has been removed from the well. I don't know if this fully answers your question or not...sorry.

Cassondra Walker, PhD
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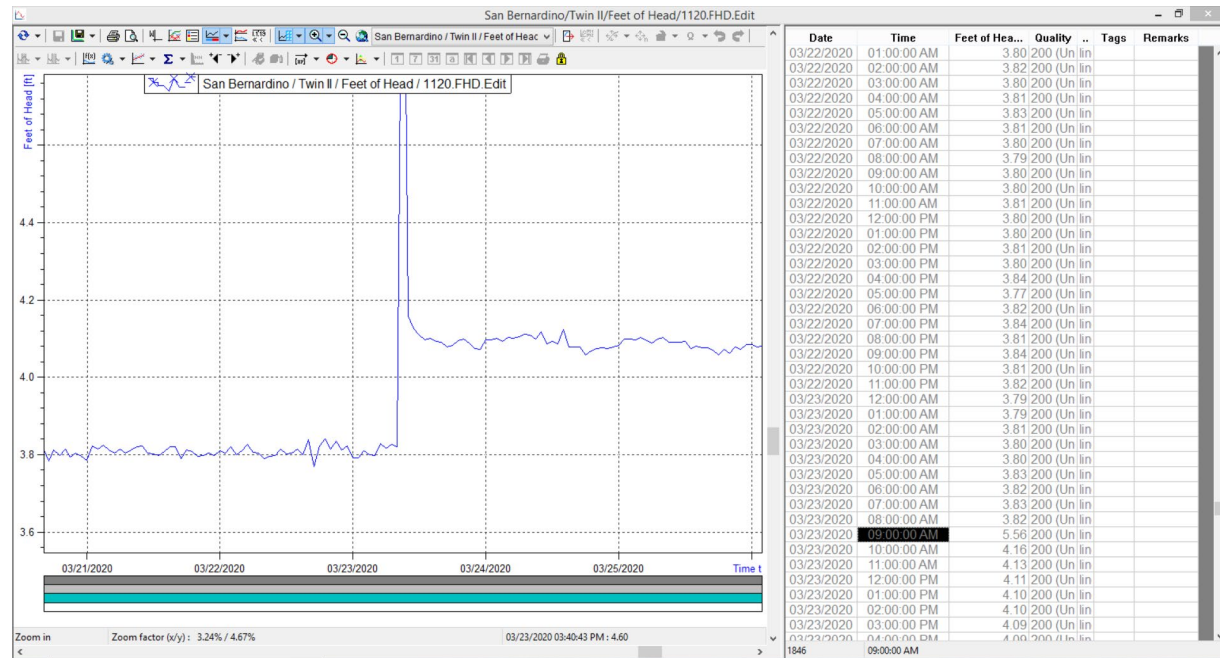
From: Kundargi, Darrell <darrell_kundargi@fws.gov>
Sent: Wednesday, April 15, 2020 8:49 PM
To: Walker, Cassondra M <cassondra_walker@fws.gov>; Harden, Tasha <Tasha_Harden@fws.gov>; Baca, Joaquin <Joaquin_Baca@fws.gov>; Mcdaniel, Monty K <monty_mcdaniel@fws.gov>
Subject: Re: SBNWR Water Data 20 - 27 Mar 2020

Hi there,

I have a question about the work done at Twin on March 23. Was the transducer moved lower during the flowmeter install? No big deal if it was, I just need to know so I can fix the data. If you take a look at the graph below, after work was done on the well the water level is higher by 0.34 ft.

Thanks,

Darrell



Darrell Kundargi
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From: Walker, Cassondra M <cassondra_walker@fws.gov>

Sent: Sunday, March 29, 2020 1:02 PM

To: Kundargi, Darrell <darrell_kundargi@fws.gov>; Harden, Tasha <Tasha_Harden@fws.gov>; Baca, Joaquin <Joaquin_Baca@fws.gov>

Subject: SBNWR Water Data 20 - 27 Mar 2020

Week of 23 Mar 2020:

- 23 Mar 20 – Twin water off at **0852** and turned on at **0936** for flow meter installation
- 23 Mar 20 – Bunting water off at **1025** and turned on at **1136**
- 24 Mar 20 – Bucket flow test for Hay Hollow well (**1356**), Bunting well (**1324**), Twin well (**1422**), Mitigation well (**1410**)
- 25 Mar 20 – Water to Yaqui pond from Mitigation well left on from bucket test yesterday (**1139**) and turned off at **1045**
- 25 Mar 20 – Transducer installed at Slaughter Ranch and log started at **1200**

| Cass & Monty | Time (s) | flow (calc) | flow (meter) |
|--------------|----------|-------------|--------------|
| Hay Hollow | 22.8 | 13.16 | 12.08 |
| 24-Mar-20 | 22.7 | 13.22 | 12.18 |
| 13:56 | 22.6 | 13.27 | 12.13 |
| | 22.9 | 13.10 | 12.08 |
| | 22.7 | 13.22 | 12.02 |
| | | | |
| | | | |
| Bunting | 5.0 | 60.00 | 49.58 |
| 24-Mar-20 | 4.8 | 62.50 | 49.90 |
| 13:24 | 4.4 | 68.18 | 49.60 |
| | 4.6 | 65.22 | 49.60 |
| | 4.5 | 66.67 | 49.60 |
| | | | |
| Twin | 4.4 | 68.18 | 59.88 |
| 24-Mar-20 | 4.5 | 66.67 | 59.75 |
| 14:22 | 4.4 | 68.18 | 50.04 |
| | 4.7 | 63.83 | 59.60 |
| | 4.5 | 66.67 | 59.32 |
| | | | |
| Mitigation | 9.1 | 32.97 | N/A |
| 24-Mar-20 | 9.0 | 33.33 | N/A |
| 14:10 | 8.9 | 33.71 | N/A |
| | 8.9 | 33.71 | N/A |
| | 9.2 | 32.61 | N/A |



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