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To: [Radke, Bill](#)
Subject: San Bernardino NWR Periodic Hydrologic Monitoring Update 05/ 5 /2020
Date: Tuesday, May 5, 2020 12:05:03 PM
Attachments: [SBNWR Pond Well Update 25Apr-01May20.docx](#)

During the week of April 27, 2020:

Monitoring wells checked and data recorded, pressure logs pulled and sent to water resources, pond inlet flows recorded in new survey123, pond levels recorded in old and new survey123... working with with WR staff to set up WISKI/Survey123 interface.... Overall protocol still in development

Week of 27 Apr 2020:

- 21 Apr 20 – Bucket flow test for Hackberry well ponds inflow after check valve installation: Brasher, Cobble, Magoffin, Ben New
- 27 Apr 20 – Bucket flow test for Hay Hollow well, Bunting well, Twin well, Mitigation well
- 27 Apr 20 – hackberry well check valves plumed in
 - Flow still inadequate to maintain customary pond levels on all 5 ponds.
- 28 Apr 20 - robertsons pipeline construction initiated
- 30 Apr 20 – Water diverted from West Border Well (Robertson) to Cobble and Magoffin ponds. New water diverted to Cobble and Magoffin have increased pond levels and created outflow.
- 01 May 20 – House pond at Slaughter Ranch still not outflowing, Snail Spring also not flowing, but spring to east still flowing
- 01 May 20 – Ben New and Brasher not outflowing and pond level dropping for Ben New.
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- *New survey123 working now, WISKI interface still needed*
- *shiner propagation initiated at HQ*

Weekly Biology Report Attached - with detailed pond level data from March to current to track summer levels/concerns

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