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To: [Radke, Bill](#)
Subject: San Bernardino NWR Periodic Hydrologic Monitoring Update 04/ 20 /2020
Date: Monday, April 20, 2020 12:52:16 PM
Attachments: [SBNWR Pond Well Update 10Apr-17Apr20.docx](#)

During the week of April 13, 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 RO staff to improve new survey123.... Overall protocol still in development

Week of 10 Apr 2020:

- 14 Apr 20 – Bucket flow test for Hay Hollow well, Bunting well, Twin well, Mitigation well
- 15 Apr 20 – Bunting well off for flow meter installation **1130 - 1415**
- 16 Apr 20 - pond levels and piezometer readings successfully entered into new survey (entered as "individual" surveys and not ALL combined)
 - LCNWR surveys still need improved to allow multiple surveys reported together
- 17 Apr 20 – House pond at Slaughter Ranch still not outflowing, Snail Spring also not flowing, but natural spring to east still flowing
- 17 Apr 20 – Ben New and Magoffin not outflowing and pond levels dropping (expected to worsen with summer conditions)

POTENTIAL CONCERNS- (summer conditions + border activities)

Over One week :

Bath house - 1.6 to 1.48

Brasher - 1.54 to 1.52

Ben New - 1.3 from 1.34

Magoffin - 1.38 from 1.3

Oasis - 2.12 to 2.1

Robertsons - 2.1 to 2.08

Weekly Biology Report Attached

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