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To: [Radke, Bill](#)
Subject: San Bernardino NWR Periodic Hydrologic Monitoring Update 03/ 18 /2020
Date: Wednesday, March 18, 2020 10:47:35 AM

During the week of March 13, 2020:

**Monitoring wells checked and data recorded, pressure logs pulled and sent to water resources, pond inlet flows recorded in survey123, pond levels recorded in survey123. Protocol still in development* New survey123 tested more*

- 10 Mar 20 – Initial consultation with D&M Well Services about SBNWR wells - scheduled testing of pumps for next week.
- 10 Mar 20 - Bucket flow test for Hay Hollow well, Bunting well, Twin well, Mitigation well
- 13 Mar 20 – Mesquite pond still filling, new reading is 1.36 (customary level high 1.7s)
- 13 Mar 20 - survey 123 tested, flow data worked, piezometer and ponds didn't (on 3/16 user error was identified and it should work next field test)

- Hay hollow water has been on since 01/23/20 pump on since 02/18/20
 - pond level ok with some outflow
- Bunting water has been on since 01/17/20 pump on since 02/18/20
 - pond level ok with outflow
- Twin water has been on since 01/17/20 pump on since 02/18/20
 - pond level good with outflow
- Twin2 water has been on since 02/12/20
 - pond level good with outflow
- Hackberry well water has been consistently on to ponds pump on since 02/18/20
 - pond levels ok **no real outflow**

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