

**From:** [Range, Brent K](#)  
**To:** [Fernandez, Juliette](#); [\(b\) \(6\), \[REDACTED\]](#); [Barnes, Michelle L CIV USARMY CESPL \(USA\)](#); [Reagan, Steve](#); [Nguyen, Brandon SPB](#)  
**Subject:** RE: San Bernardino NWR Periodic Hydrologic Monitoring Update 05/ 19 /2020  
**Date:** Wednesday, May 20, 2020 12:45:51 PM

---

Shelly and Paul – regarding the gabions, please let us know how we can help.

Brent K. Range  
Program Manager - Inter-agency Borderland Coordinator and Field Communications  
Office of the Secretary  
U.S. Department of the Interior  
[1849 C Street NW - Room 5128](#)  
[Washington D.C.](#)  
20240  
Cell: [202-897-7206](#)  
Office: [202-208-7431](#)  
Privileged and Confidential

---

**From:** Fernandez, Juliette <juliette\_fernandez@fws.gov>  
**Sent:** Wednesday, May 20, 2020 2:30 PM  
**To:** Range, Brent K <brent\_range@ios.doi.gov>; [\(b\) \(6\), \(b\) \(7\), \[REDACTED\]](#) <[\(b\) \(6\), \(b\) \(7\)\(C\), \[REDACTED\]](#)>; Barnes, Michelle L CIV USARMY CESPL (USA) <MICHELLE.L.BARNES@usace.army.mil>; Reagan, Steve <steve\_reagan@fws.gov>; Nguyen, Brandon SPB <Brandon.Nguyen@usace.army.mil>  
**Subject:** Fw: San Bernardino NWR Periodic Hydrologic Monitoring Update 05/ 19 /2020

The DHS Contractor has contacted D & M Well Service in Douglas, AZ and is initiating a work order with D & M to install submersible pumps per the quote submitted earlier to the refuge. This is good news, as we are very comfortable with this vendor. We have accomplished a lot of assessment, evaluation, and pre-work at the refuge wells with D & M Well Service, and this will really add to the efficiency of installation of pumps and solar panels. This is definitely going in a good direction for us at SBNWR.

The refuge has not heard back on gabions but will need to begin repairs so they are ready pre-monsoon.

Juliette Fernandez  
Refuge Supervisor AZ/NM

Juliette Fernandez | U.S. Fish and Wildlife Service | Refuge Supervisor AZ/NM | P.O. Box 1306, Rm 4112, Albuquerque NM, 87103-1306 | 505-248-6650 Office | 505-933-3501 Cell

---

**From:** Radke, Bill <[bill\\_radke@fws.gov](#)>  
**Sent:** Wednesday, May 20, 2020 11:34 AM  
**To:** Fernandez, Juliette <[juliette\\_fernandez@fws.gov](#)>  
**Subject:** Re: San Bernardino NWR Periodic Hydrologic Monitoring Update 05/ 19 /2020

Juliette;

While we were on our Team's Meeting last hour, I received a text message from Tasha telling me that the DHS Contractor has contacted D & M Well Service in Douglas, AZ and is initiating a work order with D & M to install submersible pumps per the quote submitted earlier to the refuge. This is good news, as we are very comfortable with this vendor, and this shows the first real progress that we have heard about. We have accomplished a lot of assessment, evaluation, and pre-work at the refuge wells with D & M Well Service, and this will really add to the efficiency of installation of pumps and solar panels. This is definitely going in a good direction for us at SBNWR.

The lack of actually receiving any gabion repair funding is not holding up progress, and we are working on the middle gabion now.

Thank you, Bill

---

**From:** Fernandez, Juliette <[juliette\\_fernandez@fws.gov](mailto:juliette_fernandez@fws.gov)>  
**Sent:** Wednesday, May 20, 2020 7:33 AM  
**To:** Radke, Bill <[bill\\_radke@fws.gov](mailto:bill_radke@fws.gov)>; Reagan, Steve <[steve\\_reagan@fws.gov](mailto:steve_reagan@fws.gov)>; Harris, Grant <[Grant\\_Harris@fws.gov](mailto:Grant_Harris@fws.gov)>  
**Subject:** Re: San Bernardino NWR Periodic Hydrologic Monitoring Update 05/ 19 /2020

Thanks Bill,  
I sent a follow up note on pumps but will reach out to Brent on both today.

Juliette Fernandez  
Refuge Supervisor AZ/NM

Juliette Fernandez | U.S. Fish and Wildlife Service | Refuge Supervisor AZ/NM | P.O. Box 1306, Rm 4112,  
Albuquerque NM, 87103-1306 | 505-248-6650 Office | 505-933-3501 Cell

---

**From:** Radke, Bill <[bill\\_radke@fws.gov](mailto:bill_radke@fws.gov)>  
**Sent:** Wednesday, May 20, 2020 8:27 AM  
**To:** Fernandez, Juliette <[juliette\\_fernandez@fws.gov](mailto:juliette_fernandez@fws.gov)>  
**Subject:** Fw: San Bernardino NWR Periodic Hydrologic Monitoring Update 05/ 19 /2020

Juliette; Here is the most recent hydrology-related information for SBNWR summarized by Tasha and Cassondra. We are doing a lot of work checking on wells and installing monitoring equipment. We have heard nothing regarding gabion money or submersible pump installation. Thank you, Bill

---

**From:** Harden, Tasha <[Tasha\\_Harden@fws.gov](mailto:Tasha_Harden@fws.gov)>

**Sent:** Tuesday, May 19, 2020 12:21 PM

**To:** Radke, Bill <[bill\\_radke@fws.gov](mailto:bill_radke@fws.gov)>

**Subject:** San Bernardino NWR Periodic Hydrologic Monitoring Update 05/ 19 /2020

**During the week of May 11, 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 11 May 2020:**

- 11 May 20 – Middle and Hackberry wells reprogrammed so datalogger communicates with transducer
- 12 May 20 – pond rehab on ben new started
- 12 May 20 – Bunting well monitoring box installed
- 13 May 20 – Hackberry, Twin, Bunting, Middle dataloggers reprogrammed to update flow data code
- 13 May 20 – **Bucket flow test for Hay Hollow well, Bunting well, Twin well, Mitigation well**
- 14 May 20 – Robertson Cienega trapped for fish as pond is turned off to re-direct water from West Border Well to Cobble and Magoffin ponds - no fish trapped or observed. Pond will be dried and maintenance will be conducted.
- 15 May 20 – Secondary pressure gage used at Mitigation well     InSitu = 2.77, Secondary = 2.8

***Weekly Biology Report Attached***

Tasha Harden

Assistant Manager

San Bernardino & Leslie Canyon NWRs

7628 N Hwy 191

PO Box 3509

Douglas AZ 85608

Office: 520-364-2104 x106

Cell: 520-368-6004

Fax: 520-364-2130