

From: [Baca, Joaquin](#)
To: [Walker, Cassandra M](#)
Cc: [Kundargi, Darrell](#); [Mcdaniel, Monty K](#); [Harden, Tasha](#)
Subject: Re: well to pond flow
Date: Friday, January 3, 2020 1:38:11 PM
Importance: High

Cass,

I know whisky isn't up and running yet but can you able to send your most recent pressure data? the previous files ended about December 12. Also if the logger is still recording at Twin please send that, even if the well has been open.

Thanks

On Thu, Jan 2, 2020 at 7:02 PM Walker, Cassandra <cassandra_walker@fws.gov> wrote:
Hi Darrell,

Monty and I measured elevational differences between transducers and pond outflow for three well/pond combos: Bunting well/North pond; Hay Hollow/ N. Hay Hollow pond; Mitigation well/Yaqui pond. We also checked flow rates for the same three locations...the Hay Hollow pond and North pond both had meters, but different kinds. No meter for Yaqui pond as it has never held water. I am putting one of the new transducers on Twin tomorrow (Friday) and when Monty gets back we will gather the same data for Twin.

Elevation from transducer to outflow for Bunting - North: -0.42

Elevation from transducer to outflow for Hay Hollow - N. Hay Hollow: -1.84

Elevation from transducer to outflow for Mitigation - Yaqui: -2.32

North Pond

5 gal fill (sec)	gal/min	gpm (meter)
30.1	9.98	7.52
34.1	8.8	7.39
33.3	9	8.25
33.7	8.91	7.45
33.1	9.07	7.49
34.1	8.08	7.45
33.8	8.88	7.45
33.3	9	7.45

Hay Hollow North

5 gal fill (sec)	gal/min	gpm (meter)
19.3	15.6	14.54
18.1	16.6	
17.8	16.1	
18.3	16.3	
17.7	16.9	12.6
17.6	17	13.39

17.8	16.8	9.4
18.2	16.5	11.36

Mitigation (Yaqui pond)
5 gal fill (sec) gal/min

6.4	47.16
6.4	47.16
5.6	53.7
6.3	47.6
6.2	48.5
6.1	49.5
6	50
6	50

Cass

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"A river is more than an amenity, it is a treasure."
Justice Oliver Wendell Holmes