

**From:** [Baca, Joaquin](#)  
**To:** [Harden, Tasha](#)  
**Subject:** Re: update/question  
**Date:** Monday, December 16, 2019 10:30:40 AM  
**Attachments:** [SanBernardinoSiteTrip 09Dec19 draft.docx](#)  
**Importance:** High

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Morning Tasha,

Please take a look at the attached draft site trip summary. Please make any changes or add any comments that you feel are necessary. I will be sending this up to leadership as part of my official reporting.

Sounds good on Twin pond, it would be nice to occasionally check on it to see if we record in changes, but I understand if thats not possible. In regards to funding, I have received an ok to send you cost codes, we will need to get a budget and equipment list put together so we know exactly how much is being spent. Im not sure exactly what the total is that we can provide just yet, i would estimate at least 50% if not more. I will send you a cable, what length is Cass requesting?

On Thu, Dec 12, 2019 at 10:58 AM Harden, Tasha <[tasha\\_harden@fws.gov](mailto:tasha_harden@fws.gov)> wrote:

Hey guys-

I talked with Bill about the conservation easement on the malpai border lands that was... removed/lifted.... so that the Glenn's could sell water to the contractors. That CE is not through a federal agency, it was established by the group and there is some process that they went through, as a group. So no need to look into that...

Also- we are going to have to turn twin well back on and stop the pressure test that we just initiated on Dec 10th. We saw an immediate impact to both the ponds fed by that well- most alarming was the smaller pond we call twin 2. It has been fairly stable at 1.6 leading up to the 10th and as of yesterday the water is not even touching the gauge. The larger pond, twin 1, has also had a drop in water level as well. So we are not comfortable with continuing the pressure test on this well.

The question I have is on funding assistance, Bill had our admin pull numbers on what we've spent so far on just equipment to monitor our water resources and we are up to just over 10k. Since you both have mentioned you have a budget that can help with this type of stuff I'm going to ask ;) Do you have any room in your budget to help cover some of this costs by having us RDS it to your cost codes?

And lastly, after our staff meeting today it appears that we could use some more equipment. In getting flow meters established we have two different types currently on refuge. The first type we tried is really basic and not getting us all that we'd like after seeing how the second type functions (the second type allows us to track totals and current flows where the first type is one or the other). We'd like to update all meters so we have the second type on all ponds. Also Cass mentioned that she is going to need some more insitu cables.... IF you have the ability to help us purchase more equipment let me know and I will get a list put together with costs and such to send your way.

Thanks again for all your support on this guys!

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Tasha Harden  
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*"A river is more than an amenity, it is a treasure."*

*Justice Oliver Wendell Holmes*