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To: [Harden, Tasha](#)
Subject: Refuge pumps document
Date: Monday, March 9, 2020 8:31:31 AM
Attachments: [REFUGE WELL PUMPS.doc](#)
[Outlook-4uwxpmvt.png](#)

I've updated the refuge pump document with pond volumes and flow rates...current flow rates and preferred flow rates. There are a few things I need your input on:

1. I used the Minckley flow rates as the preferred flow rates for the Hay Hollow ponds, the Hackberry ponds, BathHouse and Twin 2 since they all have similar volumes
2. I'm not sure what you want to put as the preferred inflow for the Phds...right now the 3rd one does not spill over. If that is an options we want in the future, we should consider a higher inflow...it is currently 27, maybe 40?
3. Are we happy with Buntings current inflow of 42?
4. Do we want to just use the 80 gpm for Yaqui?
5. I don't know if the two Robertson ponds are independently filled or not..



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