Additional Questions Regarding RFP

1. There is also interest in the WRWC to use the groundwater flow model developed by IDWR to help predict groundwater levels within the Big Wood and Silver Creek agricultural areas. We are thinking that we might need to determine parameters, such as specific wells in the Silver Creek area to explore this concept. The purpose is to aid in the conservation and management of groundwater. Is this reasonable?

   - A groundwater predictive tool can be developed; however it is outside the scope of available funding. If groundwater well data is available, the same statistical approach can be used.
   - If we want aquifer-based modeling, should be able to use IDWR groundwater flow model to predict response functions, which can be used to determine predictor variables.
   - Rob VanKirk completed a similar model for IWRB for the ESPA, which cost $200,000 - $300,000. The Big Wood would likely be more complex because the groundwater model is newer than ESPA and shorter time periods of data.
   - We could apply for a CWMP Phase 2 grant, or a WaterSmart applied science program grant for this work; Rob applied for an applied science program grant last June

2. In the development of the surface water model, how many priority water right dates would be appropriate? Are there other dates (ie. related to Cove water transaction) that we would want to include?

   - Should be able to get predictions for any priority date(s)

3. Do we want the model to predict delivery right curtailment dates and flow at the Big Wood in Hailey? Also flow at Sportsman's on Silver Creek?

   - Yes, for in-stream flows and conservation of resources.

4. Will we need annual data that has been compiled by the NRCS to continue to build the model's database? We are unsure if the NRCS will be able to continue this support in the future.

   - We will need annual SnoTel data; Keri to check in with IDWR to see if they will continue to provide the SWSI and SWE for the Big Wood above Magic