**Reservoir Study Technical Work Group, first steps**

**Topic one – Selection of a chair**

**Topic two – Establish draft goals for the group** ( Such as stored water volumes, and stored flow output options, acre feet and cfs that could be left instream at diversions to improve river flows for fish passage and habitat)operational timing will be based on fish managers recommendations

**Topic three – Reservoir Site Selection**

There has been discussion by some members of the Steering Committee to just focus on the Pine Creek site, however others think we should relook at the Corps of Engineers list of 45 potential sites and what they considered when they narrowed that down to 7 sites. I am attaching the list of 45 sites, the site comparison matrix, also the summary of those 7 sites. Prior to our meeting I was wondering how much interest there is in looking at smaller upper river sites, such as Flume Canyon, a seasonal tributary to the South Fork, or Cup Gulch , an off channel site on the North Fork, or upper Couse Creek, or just focusing on the Pine Creek location.

The Corps’ reservoir study evaluated several sites and settled on 2 locations on Pine Creek within 2 miles of each other. Evaluating the Pine Creek sites would build upon the existing work the Corps completed in 2009 (a 200+ page study of hydrology, geology, reservoir sizes, dam layouts, water delivery infrastructure, etc). The Pine creek sites can store around 30,000 to 65,000 acre feet, do not impact home sites, may present less flooding risks, but may require pumping water back to summer time water right holders in the Milton-Freewater area. Alternatively, the upriver sites would deliver water to the oldest water right holders, WWRID and Lowden area ditches, on gravity.

We have limited funds which may prevent us from investigating more than one reservoir site. I recommend we just focus on the Pine Creek site, based on the Corps analysis and the larger capacity. Conversations at WWBWC board meetings, with other steering committee members, water right holders, and landowners have weighed the pros and cons of both approaches. Please have a look at the attachments and share your thoughts back with the group. If it is obvious via email input that we cannot reach consensus, then we will meet in person to discuss and decide this topic.

**Topic Four - Develop Scope of Work for Reservoir Study**

Some initial work has occurred in developing a Reservoir Study Scope of Work. Once we settle on what site/sites we want to investigate, we need to develop a Scope of Work. The Scope of Work can then be sent out for bids from engineering firms that have reservoir development experience.

See attached draft scope of work for evaluating new sites

See attached draft scope of work for Pine Creek site study, building upon the Corps of Engineers study