Walla Walla Streamflow Improvement Reservoir Study

Phase 1

1. Review existing info, especially the Corps’ reservoir study

2. Hydrology analysis of Walla Walla River and Pine Creek, also Dry Creek, as reservoir fill sources, review Corps data keeping in mind recent decades have produced less water

3. Revisit Agricultural demand with recently completed efficiency projects

 (HBDIC, WWRID, WWRID, Lowden Ditches)

4. Evaluate diversions, pump stations, pipeline delivery options to reservoir and from reservoir to irrigation districts delivery canals. Evaluate use of:

 a. Existing diversions

 b. Larger capacity, higher elevation site.

5. Review Corps’ analysis of seismic data, and porosity of site using their drilling data.

Phase 2

6. Enviro analysis of impacts and benefits to Pine Creek and Walla Walla river flows as listed in Oregon funding proposal.

7. Cost analysis of reservoir and two delivery systems

8. List of necessary state and Federal permits, including whether there are any fatal flaws

9. List of next steps.