|  |  |
| --- | --- |
| **DRAFT - WALLA WALLA BASIN INTEGRATED FLOW ENHANCEMENT STUDY** | |
| **PRELIMINARY PROJECT PROPOSAL TEMPLATE** | |
| **1. Title:** | **2. Proposal Preparer(s):** |
| **3. Project Status:** *Identify whether the proposed project is a past, ongoing or new project and briefly explain the status of the project, including the requested role of the Flow Study in further consideration of the project. If past project, some of the questions below may not be applicable.* | |
| □ a. NEW PROJECT □ b. ON-GOING PROJECT □ c. PAST PROJECT | |
| **4. General Description of Proposal:** *Identify the category(s) and briefly explain the proposed project (e.g. location, infrastructure requirements, maintenance requirements, connection to other new, ongoing or past projects, other stakeholders,* v*arious sizing or phasing, etc.).* | |
| □ a. Water Conservation & Infrastructure □ b. Aquifer Recharge & Aquifer Storage and Recovery  □ c. Surface – Groundwater Source Switch □ d. Surface Water Storage □ e. Pump Exchange  □ f. Water Right Transactions □ g. Point of Diversion Transfers □ h. Other | |
| **5. Source of Produced Water:** *Mark all applicable and identify (water right number, shallow or deep basalt aquifer, stream name).* | |
| □ a. Existing Water Right    □ b. Groundwater  □ c. Surface Water  □ d. Other | |
| **6. Quantity/Timing/Location of Produced Water Instream:** *Estimate average amount of water, when and where. Can project be considered at various sizes(flow outputs) and/or considered in phases?* | |
| a. Acre-feet and/or Cubic-feet-per-second: | |
| b. Timeframe(s): | |
| c. Stream Reach Location(s): | |
| □ d. UNKNOWN - Need more work (engineering/design/modeling, etc.) to estimate potential instream flow outputs of project. Will results of this work be concluded within one year to inform potential project flow outputs? Describe additional work needed and cost estimate. | |
| **7. Ability to Protect Produced Water Instream:** *Briefly explain how the produced water will be quantified, monitored and protected instream or why it is not currently protectable.* | |
| □ a. YES - protection under existing regulations expected to WW River mouth or in limited reach?    □ b. NO or □ c. UNKNOWN – Results and implementation of flow protection study likely necessary to ensure flow protection. | |
| **8. Cost Estimates:** *Provide known and estimated costs to develop and implement the project.* | |
| a. Project Development and Design:  b. Project Construction:  c. Construction cost per AF and/or CFS:  d. Project Annual O&M:  □ c. UNKNOWN - Need engineering/design work to estimate costs | |
| **9. Secured Costs:** *Has any funding been secured in the past or currently and what is source?* | |
|  | |
| **10. Other Potential Project Advantages:** *In addition to helping address flow targets and basin-wide flow issues (Endangered Species Act, Tribal Water Rights, Clean Water Act, etc.), briefly explain other potential benefits (e.g. reduced O&M costs, restores/mimics ecological processes, cropping flexibility, )* | |
|  | |
| **11. Other Potential Project Disadvantages:** *Briefly explain potential drawbacks of the proposal (e.g. reduced GW supply - recharge mitigation need, increased O&M costs, legal implications)* | |
|  | |
| **12. Estimated Time Frame to Implement Project?** | |
|  | |