

## **Appendix 5-A PMA Prioritization and Scoring System**

Preliminary criteria, and an associated scoring system, were developed to assist in the evaluation and prioritization of the PMA options identified in Chapter 4. This prioritization system is intended to facilitate strategic implementation of PMAs based on factors including effectiveness, cost, and stakeholder support. The criteria and descriptions for each scoring category are shown in Table 1. A template, with the PMAs identified in Chapter 4 for near-term and for future implementation (Tiers II and III), is included as Table 2. Categories and scoring may be modified throughout GSP implementation to reflect the principal objectives for PMAs.

Table 1 : PMA prioritization criteria and score descriptions.

|                      |                            | <b>Score</b>  |   |  |
|----------------------|----------------------------|---|---|--|
| <b>Category</b>      |                            | <b>1</b>  | <b>2</b>  | <b>3</b>   |
| <b>Effectiveness</b> | <b>Anticipated Benefit</b> | Some physical benefit anticipated   | Medium level of benefit anticipated (relative to other PMAs identified).  | High level of benefit anticipated (i.e., streamflow depletion reversal is expected to be significant). |
|                      | <b>Frequency</b>           | One-time benefit expected   | PMA expected to provide benefit on more than one occurrence.  | Benefits expected to occur repeatedly.   |
|                      | <b>Duration</b>            | Only short-term benefits expected (1-2 years)   | Benefits expected over 2-5 years.   | Benefits expected to occur over the long term (>5 years)   |
| <b>Completeness</b>  |                            | No planning or studies have been completed, required permitting and funding sources have not been identified. | Some planning or studies have been completed, required permitting and funding sources may be identified and/or secured. | Plans or studies have been completed, permitting has been secured, project is funded.                  |
| <b>Complexity</b>    |                            | Requires little planning and design, labor or materials to implement  | Requires some planning, design and/or some labor or materials to implement.   | Requires significant planning, design and/or significant labor or material to implement                |
| <b>Cost</b>          |                            | Low cost or funding has been secured.   | Mid-range cost and/or potential funding sources identified.   | High cost and / or funding sources have been identified.   |

|                      |  |   |  |   |
|----------------------|--|---|--|---|
|                      |  | <p>Unproven technology or mechanism, legal authority unclear or no legal authority, anticipated difficulty obtaining required permits for project implementation.</p> | <p>Proven technology may be unproven in Basin setting or conditions), and/ or modelled results show an expected benefit, legal authority exists, and permits are anticipated to be attainable.</p> | <p>Proven technology and/or modelled results show an expected benefit, clear legal authority and required permitting is attainable.</p> |
| <b>Uncertainty</b>   |  | <p>Low or no support from stakeholders.</p>   | <p>Medium support or desirability from stakeholders.</p>   | <p>Strong support from stakeholders.</p>  |
| <b>Acceptability</b> |  |   |  |   |





