

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.

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

Unproven technology or mechanism, legal authority unclear or no legal authority, anticipated difficulty obtaining required permits for project implementation. Proven technology may be unproven in Basin setting or conditions), and/ or modelled results show an expected benefit, legal authority exists, required and permits are anticipated to attainate.
Proven technology and/or g or modelled results show an expected benefit, clear legal authority and required permitting is attainable.

Table 1: ButteValley GSP PMA prioritization table template

=	Tier II	Tier			
Avoiding Significant Increase of Total Net Groundwater Use from the Basin	Projects (PMAs Planned for	Project Name		Butte Valley GSP Proposed List of Projects Actions	
		Lead Agency		ley GS	
•	ar Terr	Groundwater Levels and Storage		민	
	<u>n</u>	Groundwater Quality		oro	
	plem	Land Subsidence		pc	
•	entat	SW & GW Interconnection		Se	
Conceptual only	Near Term Implementation 2022-2027)	Status		d List of Actions	
TBD		Timetable / Circumstand Initiation		of Proj	
		Physical Benefit (i.e., st depletion reversal)			
		Anticipated Benefits	p	and Management	
		Anticipated Benefits Frequency Duration		Evaluation Criteria and Score	Z
		Duration 🖁 🖔		ion C	
		Completeness	riter	ag	
		Complexity	<u>න</u> න	<u>e</u>	
		Cost	nd 6	 	
		Uncertainties)cor	l el	
		Acceptability/ Suppo	o o	~	
		Total/ Ranking			

≡	≡	=	≡	Tier I	=	=	=	=
Strategic Groundwater Pumping Reductions	Butte Valley National Grassland Groundwater Recharge Project	Butte Creek Diversion Relocation	Alternative, lower ET crops	Tier III Projects (PMAs with potential implementation in 2027-2042)	Well Replacement	Voluntary Managed Land Repurposing	Irrigation Efficiency Improvements	Dorris Water Meter Installation Project
GSA	GSA/ USFS	GSA/ USFS	GSA, UCCE, TBD	with potential	GSA	GSA, TBD	GSA	City of Dorris
•	•	•	•	implerr	•	•	•	•
				entatic				
•		•	•	on in 20	•	•	•	•
Conceptual only	Conceptual only	Conceptual Only	Conceptual Only)27-2042)	Conceptual Only	Conceptual Only	Conceptual Only	Planning phase
TBD	TBD	TBD	TBD		TBD		TBD	Anticipat ed 2022- 2027
					up to 12% stream depletion reversal			