

States West Water Resources Corporation



Future Water Use Project Criteria

Based upon comments received during BAG meetings, review of previously published criteria and questionnaire results, and the Scope of Services, the following procedure was developed for screening opportunities for future water use:

- From the notes and recording of the October BAG meeting it is obvious that at least some BAG
 members would like to establish a set of priorities that are more general than project specific
 criteria. For instance, the view that existing uses and economic dependencies should have first
 priority with respect to future plans seemed to enjoy general acceptance.
- A nested set of criteria were developed that take into consideration the comments of BAG
 members, the study results with respect to both current and future needs, and the previously
 proposed draft criteria.
- The individual criteria will be applied to projects grouped by priority as given below:

Priority Description

- 1 Rehabilitation projects that preserve existing uses and economic dependencies.
- 2 Projects that rectify existing demands/needs/shortages.
- 3 Projects that meet projected future demands/needs/shortages.
- 4 Trans-basin diversions of water that enhance in-state uses.

Six criteria will be evaluated under each of these priorities to present an overall picture of the favorability of a project or opportunity. These criteria, and the method by which they will be applied, are:

Water Availability

This criteria reflects the general ability of a project to function, e.g. fill 8 of 10 years for an agricultural reservoir, given likely bypasses for environmental uses and prior rights. It is not a reflection of the relative size of the project.

2 Financial Feasibility

This criteria reflects the effects of the combination of technical feasibility (high or low construction cost) and economic use to which the water would be put (e.g. irrigation of native meadow vs. cultivation of alfalfa or row crops). The intent of this ranking is to indicate the likely ability to afford the project or meet Wyoming Water Development Commission (or other) funding source criteria. A low number represents a project with suspect ability to be repaid, whereas a high number represents a project that should more easily meet funding and repayment requirements.

3 Public Acceptance

This criteria reflects the extent to which a project will encounter or create public controversy (low number) versus a project that would likely engender broad public support (high number). For example, on-stream storage in environmentally sensitive areas would be very controversial, while off-channel storage in less sensitive areas would likely be supported.

4 Number of sponsors/beneficiaries/participants

This criteria reflects the desirability, all other things being equal, that a project serving a larger segment of the population should rank higher (higher number) than one serving only a few (lower number).

5 Legal/Institutional concerns

This criteria reflects the perceived relative ease (high number) or difficulty (low number) with which a project could be authorized and permitted under existing state and federal law.

6 Environmental/Recreation benefits

This criteria reflects the net effect of positive environmental and recreational aspects of a project as offset, to the extent it can be determined, by potential negative impacts.

	⊜ tYle(d(y),			Public	No.ofSponsors/	Legal/	En ulronm ental /	
Туре	Cap(c) or Depl(d) (AF)	Availab I I ly	Feasibility	Acceptance	Benefidades	institutional	Recreation Benefits	Score***
Priority 11								
Eden Reservoir Rehabili tallon**							Z	Z# 8
Misc.Canal Rehab (Conservation)	unk						Z	
Middle Pine y Reservoir	4,201 c		5	5	5		4	16 +
Sixly Seven Entargement (offich)	5,600 c	5	5				Z	15 +
Orleve Reservoir	4,260 y	4	4		4		4	
Priority 2						18		
Upper Gleen River								
Green River Supplem ental Supply	22,000 d						Z	
Sand Hill (offich)	1 + ,100 €	5						Z3 1
Fontenelle Creek Warrows	2,500 c				4			
McMinch Wash (offich)	5,600 c				4			Z1 4
Snider Basin	4,300 c			5	5	5	5	213
South Collorwood				5	5	5		
Groundwaler Deuelopmen I	unk	Z	Z		Z		Z	
North PineyCreek	5,600 c			5	5	5	5	
La Barge Mead ows	+,800 c	5		5	4	5	5	18 +
Warren Bridge	33,400 €			Z			4	
Fish Creek	1,400 c				Z		4	
Green Ricer Lakes Ent.			5				Z	
NewFork River								
Basifork	2,100 c		5	5	5	5	5	216
East Fork Gorge	unk			5	5	5		216
Boulder Lake Eni.				4				Z1 Z
Groundwaler Deuelopmen I	unk				Z		Z	
Silver/Spring Creeks	17 ДОО с	5	5	5	4	5	5	19.4
Burni Lake Eni.				2		2		
				Z		Z		
Basifork No.1	4,700 c			Z	5	Z	5	
Big Sandy River								
Sander's Ranch (Leckle Ranch)	60,000+ c			5		5		
Groundwaler Deuelopmen I	unk				Z		Z	21.1
Black's Fork River								
Groundwaler Deuelopmen I	unk				Z		Z	

	⊜ t Yleid(y),			Public	No.ofSponsors/	Legal/	Enulronm ental/	
Туре	Cap(c)or Depl(d)(AF)	Availab I I ly	Feasibility	Acceptance	Benefidades	institutional	Recreation Benefits	Score***
Pribrity 2 (cant)								
Little Snake River								
Lower W ≣ow Creek	2,700 y			5		5	5	21.1
Groundwaler Deuelopmen I	unk				2		2	
Politiook			5	5	5	4	5	
Big Guich	5 2 50 y			5	4	5	5	
Upper Willow Creek (Clo)	1,500 y	4		5	4	4	5	
Diulchiloe	5,000 y	4		5	5	2		
Vermillon/Ried Cireek Basins								
Groundwaler Deuelopmen I	unk		Z		2		2	
Slorage Prolect	unk	5	4			5	4	
Priarity 3								
üreen BelowFontenelle								
Groundwaler Deuelopmen I	unk	Z	2		2		Z	
Seedskadee Prolect(USBR)				4	5	Z	Z	
Eden Prolect im prouem ents (USBR)			5	4	5	Z	2	16 1
Upper Breen River								
Green River Supplem ental Supply	22,000 d					5	Z	23.0
Groundwaler Deuelopmen I	unk				Z		Z	
							4	
Lower Kendall			5	1			4	
Easi Side Proleci				4	4		Z	
New Fork Narrows			4		5		4	1 ¢ Z
Black's Fork Atlam's Fork Rivers								
Vius Klaugh ion Enlargemen i			5		5	5		
Stateline Enlargemen i	unk					4		218
Meek's Cabin Enlargemen i	unk					4		210
Groundwaler Deuelopmen I	unk				Z		2	
Little Snake River								
Oroundwaler Deuelopmen I	unk				Z		2	
Lower W E ow Cre e k	2,700 y			5	5	4	5	
Sauery-Pol Hook Prolect(USBR)	5,000 y			5		Z	5	18 +
Upper Willow Creek (C o)	1,500 y	4	5	5	4	4	5	

	Es 1. Yie M (y) ,			Public	No.o(Sponsors/	Legal/	Enulronm en tal /	
Туре	Cap(c) or Depl(d) (AF)	Auallab III ly	Fe asibility	Acceptance	Bene fdarle s	hs I b Ional	Recreation Benealts	800 m ***
Priority 4								
üreen Below Fortenelle								
Plains Reservoir (orich)	<+80,000 c						+	
Lower Green Reservoir	<450,000 c			Z	Z	1		
			4					10 4
Lower Kendall			4					10 +
New Fork Narrows					5			

Priorities:

Preserves existing uses and dependencies

Addresses existing shortages Addresses future projected needs

"Addresses future out-of-basin, in-state needs

^{*} Each criteria has a different weighting under each priority; 10 is most important, 1 is least important

Unider each project, the criteria are individually ranked; 10 means largely favorable, 1 is unfavorable

[🐃] Scores, are the ladditive result of multiplying each project criteria weighting by the associated priority criteria nanking