

Policy Advisory Group Meeting

August 13, 2008





Columbia River Basin Water Management Program 2007-2008 Competitive Grant Cycle



Breakdown of Projects Proposed for Funding

	Feasibility Studies (Dollars) *	Construction Projects (Dollars)	Feasibility Studies: Estimated Water Saved in AF (according to Applicant) *	Construction Projects: Estimated Water Saved in AF (according to Applicant) *	Estimated Total Water Saved or Stored in AF Paid For With CR Funds*****	Percent of Project Funded from Col. River *****	Net Water Savings Available For New Permits**	Conservation (Dollars)	Storage (Dollars)	Instream Benefits***	Out-of-Stream Benefits
TAG Project Review											
Barker Ranch		5,600,000		6,436	6,436	100%	322	5,600,000		High Yakima River fish and water quality benefits.	High out-of-stream wildlife benefits through increased reliability of infrastructure for applicant. Permittable water is low, on the order of 5% or less based on evaporation from open canal converted to pipe.
Lincoln CD FS *	925,000		300,000		300,000	100%	0	925,000.00		Low Columbia River fish benefit, high inland fish & wildlife benefit, 1/3rd for fish.	Potential for permitted water dependent on results of current stratigraphy work. Could supply water to Odessa.
Foster CD Surface FS *	93,750		60,000		60,000	100%	0	93,750.00		Medium Columbia River fish benefit, 1/3rd for fish.	Close to CBP infrastructure, 2/3rds for new permits.
Stevens PUD (Mill CR) *	125,000		2,000		2,000	100%	0	125,000.00		Low Mill Creek, Colville River, Columbia River fish benefit, 1/3rd for fish.	Storage volume projected at 2,000 to 10,000 ac-ft, 2/3rds for new permits.
Rock Lake FS *	124,000		110,000		110,000	100%	0	124,000.00		High Palouse, Snake, Columbia River benefit, 1/3 for fish.	2/3rds for new permits and potential for recreation and habitat enhancement below the dam.
Kittitas (Manastash CR)		376,068		454	454	33%	0	376,068		High Manastash Creek benefit. Leverages previous investments.	Reach benefit only, no permittable water. Indirect reliability benefits as part of larger Manastash project.
Boise ASR		4,500,000		1,657	1,574	95%	1,657		4,500,000.00	Low Columbia River benefits, good temperature benefits, 1/3rd for fish.	2/3rds for new permits, reduced cooling costs for applicant. Project retimes water from winter to summer.
Lands Council FS *	30,000		0 ****		0 ****	75%	0		30,000.00	Medium to High fish benefit in tributaries depending on location and retiming, cooling.	Permittable water is uncertain. Funding is for a specific small pilot only, with an appropriate watershed planning unit partner. Habitat enhancement.
White Salmon ASR		956,950		139	33	24%	139		956,950.00	Low fish benefits in Columbia River, 1/3rd for fish.	Addresses high reliability need, 2/3rds for out-of-stream benefit to White Salmon.
Campbell Creek FS *	250,000		500		500	100%	0		250,000.00	High Cambell Creek, Wenatchee/Columbia River benefit, 1/3rd for fish.	2/3rds for new permits.
Franklin IWM FS *	78,000		394,400		394,400	100%	0	78,000		Low Columbia River fish benefit, tapping large conservation potential could reduce need for new large storage.	CSRIA VRA Pilot, potential for permittable water if retiming of return flow is technically viable.
Subtotal								6,054,068	7,004,700.00		
Ecology CRIT Project Review											
Colvilles 9 Mile FS *	600,000		4,750,000			100%	0		600,000.00	1/3rd for fish.	2/3rds for new permits. (Goose Lake storage volume is 3.72 MAF and 9 Mile storage volume is 1.03 MAF.)
Klickitat Horse Heaven *	170,000			0 ****			0		170,000.00	1/3rd for fish, low Columbia River and tributary fish benefit.	Concurrent infrastructure, 2/3rds for new permits, funding is for refined site-specific scope.
WSU ASR FS *	250,000			0 ****	0 ****	100%	0		250,000.00	Medium Snake/Columbia River fish benefit, 1/3rd for fish.	2/3rds for new permits, coordinates multi-state strategy.
KID Pump Exchange		15,000,000	150,000			12%	0	15,000,000.00		High Yakima River fish benefit.	Increased infrastructure reliability and new acreage for applicant.
Pinto Dam & Upper Crab		10,000,000	126,000			100%	0	10,000,000.00		Low Columbia River fish benefit.	High out-of-stream reliability benefit for Columbia Basin irrigation districts and assists in replacement water strategy for Odessa.
Colville Mitigation		1,331,000	132,500			100%	132,500	1,331,000.00		1/3rd for fish in Columbia River.	2/3rd for new permits, education and cultural mitigation, fulfills legislative commitment.
Odessa EIS & Design	6,000,000		515,000			100%	0	6,000,000.00		None.	Converts existing irrigated lands from declining Odessa aquifer to Col. River.
FDR Constr. Implementatio	TBD	TBD				TBD	132,500			1/3rd for fish in Columbia River.	2/3rd for new permits, fulfills water supply delivery contract requirements, & infrastructure upgrades
Subtotal								32,331,000.00	1,020,000.00		
Totals	\$8,645,750	\$37,764,018	6,540,400	8,686			134,618	\$38,385,068	8,024,700.00		

(Actual funding from the Account is subject to negotiations on the scope of work between Ecology and the Proponent.)

Total Funded Projects \$46,409,768 **46,409,768.00**

Green = Known Amounts

* Water savings for feasibility studies are based on projected water savings figures. Part of the feasibility study will involve a more accurate determination of the actual acre feet of water savings. Savings shown are based on the portion conveyed to the State in exchange for Columbia River funding.

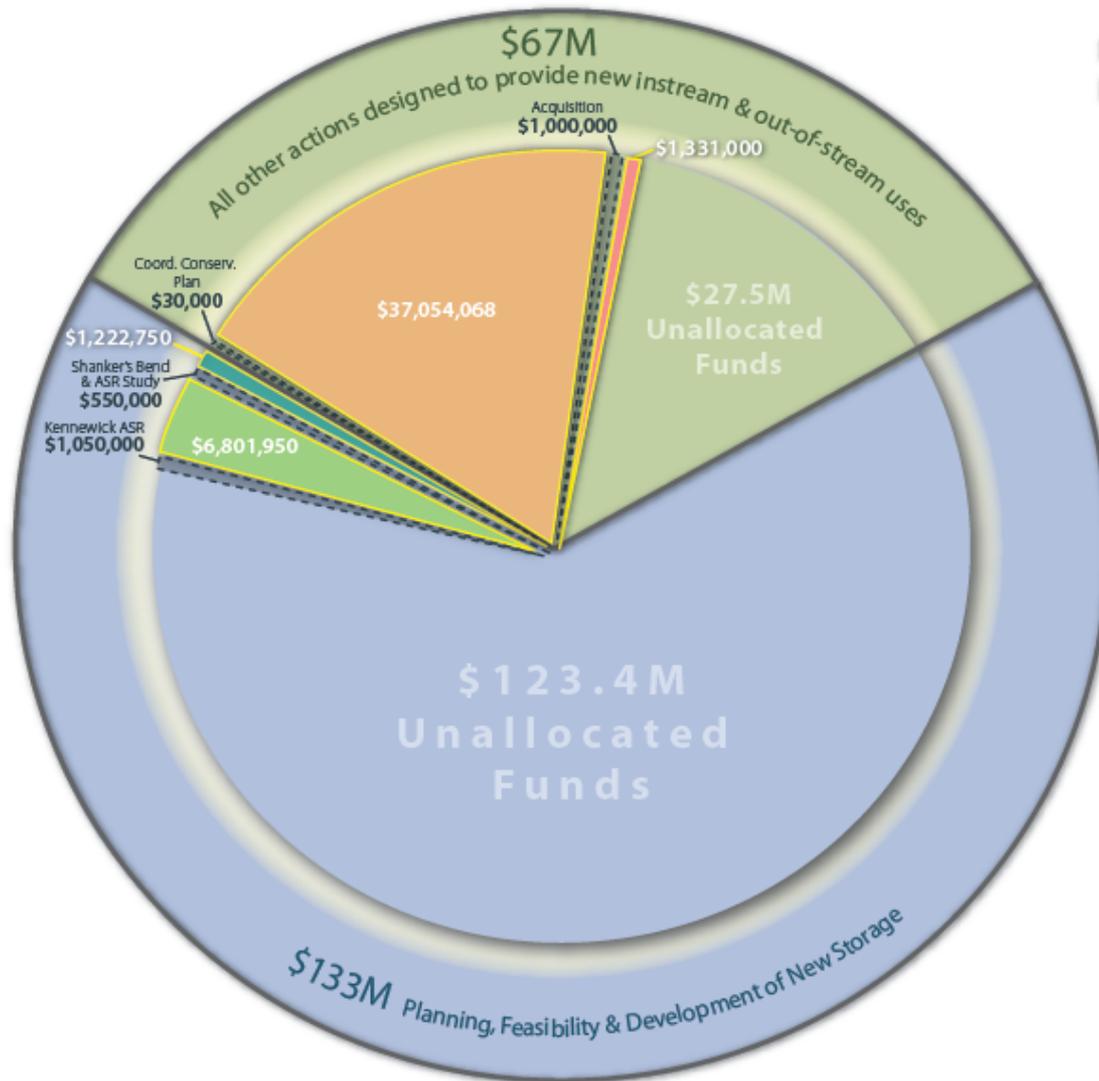
** Net water savings available for new permits will not be known with certainty until after construction. Feasibility studies offer the potential for permittable water, should the project prove viable, and if the project is constructed.

*** See scoring sheets for details on fish benefits. A qualitative "high, medium or low" was used in this table as a generic indicator of benefit.

**** Appraisal level review. New water savings not known at this time.

***** Figures based on the amount of Columbia River funding requested by the applicant minus funding from other sources received by the applicant.

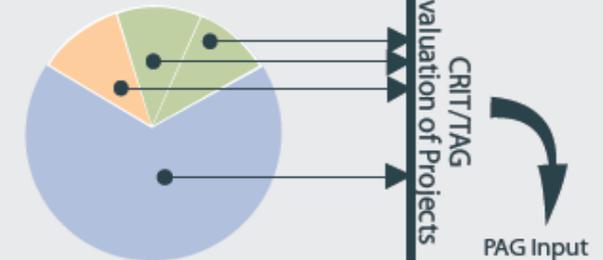
\$200M Columbia River Program



Funds Committed Prior to 2008 Grants (total \$2,630,000)

Proposed for 2008 Grant Funding (total \$46,410,000)

Annual Project Review



Ecology Final Project List

Barker Ranch (Horn Rapids Canal Piping)	CONSERVATION & ODESSA
Bureau of Reclamation (Pinto Dam & Upper Crab Cr)	
Conservation Commission (Pilot Program)	
Franklin CD (Irrig. Wtr Management, CSRIA pilot)	
Kennewick ID (Pump Exchange)	
Kittitas County CD (Manastash Creek Restoration)	
Lake Roosevelt (Wtr Supply Agreement & Const. Implem.)	
Odessa (EIS & Design)	SURFACE STORAGE
Chelan County (Campbell Cr Reservoir FS)	
Conf. Tribes of the Colvilles (Goose Lk /9 Mile Flat)	
Foster CD (WRIA 44/50 Surface Wtr Storage)	
Palouse-Rock Lake (Rock Lk Wtr Supply & Habitat)	
Stevens PUD (Mill Creek Wtr Storage)	
The Lands Council (Beaver Enhanc. & Wtr Storage)	ASR
Boise White Paper, LLC (Wallula ASR)	
City of White Salmon (Buck Creek/Grand Ronde ASR)	
Klickitat County (HorseHeaven Hills Storage Options)	
Lincoln CD (Passive Rehydration)	
WA State Univ. (Spokane Valley-Rathdrum Prairie ASR)	
Conf. Tribes of the Colvilles (Lk Roosevelt Mitigation)	

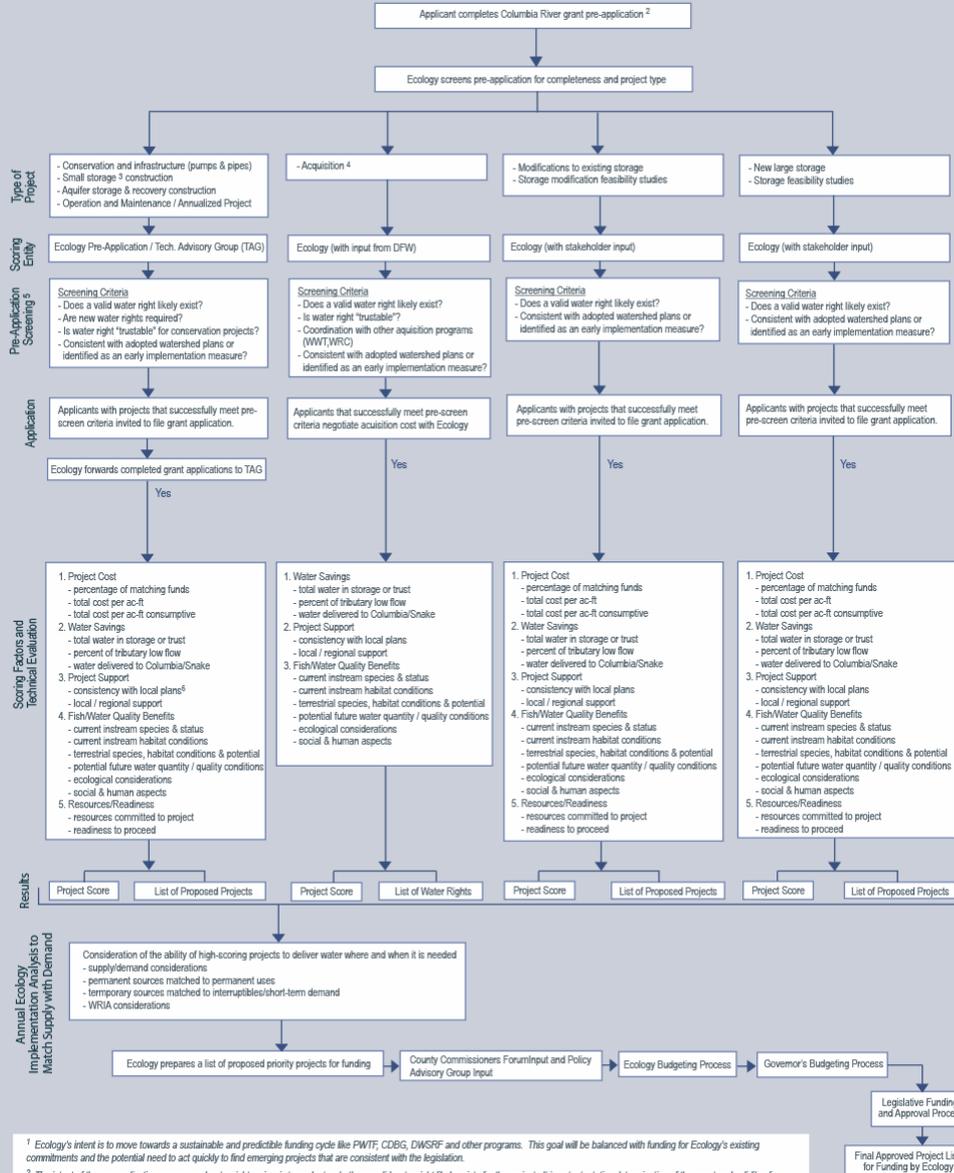
Note 1: Other projects funded from the \$16 Million State Building Construction Account under previous Columbia River Initiative include: PEIS, Mainstem Storage Alternatives Study, Walla Walla Pump Exchange, Metering, Odessa, Supplemental Feed Route, Lake Roosevelt SEIS, Crab Creek SEIS, Frenchman Hills Construction, Yakima Storage Study, Fish & Wildlife Project Support

Note 2: Projects funded from the \$2M Operating Budget include: Climate Change Study, Legislative Report Forecasting, Conservation Commission

Note 3: Ecology is currently reviewing the allocation of contract costs between the storage and non-storage portions of the Columbia River Account. Allocations subject to change.

Developing Water Supply for the Columbia River Basin Water Management Program ¹

Funding Process -- First Cycle



¹ Ecology's intent is to move towards a sustainable and predictable funding cycle like FWIT, CDBG, DWSRF and other programs. This goal will be balanced with funding for Ecology's existing commitments and the potential need to act quickly to find emerging projects that are consistent with the legislation.

² The intent of the pre-application process and water right review is to evaluate whether a valid water right likely exists for the project. It is not a tentative determination of the extent and validity of a water right. However, Ecology will use many of the same tools that it uses when preparing a Report of Examination for a water right transfer, including a site examination and evaluation of historic beneficial use. This process is similar to that used in Ecology's Irrigation Efficiency Program.

³ Small storage³ will be determined annually by Ecology depending on factors like the size of project and the lead for the feasibility study (e.g. local vs. federal).

⁴ Ecology's initial acquisition efforts will focus on specific auctions and partnerships with other programs and groups. Columbia River "acquisition" is defined in Chapter 6 of the PEIS.

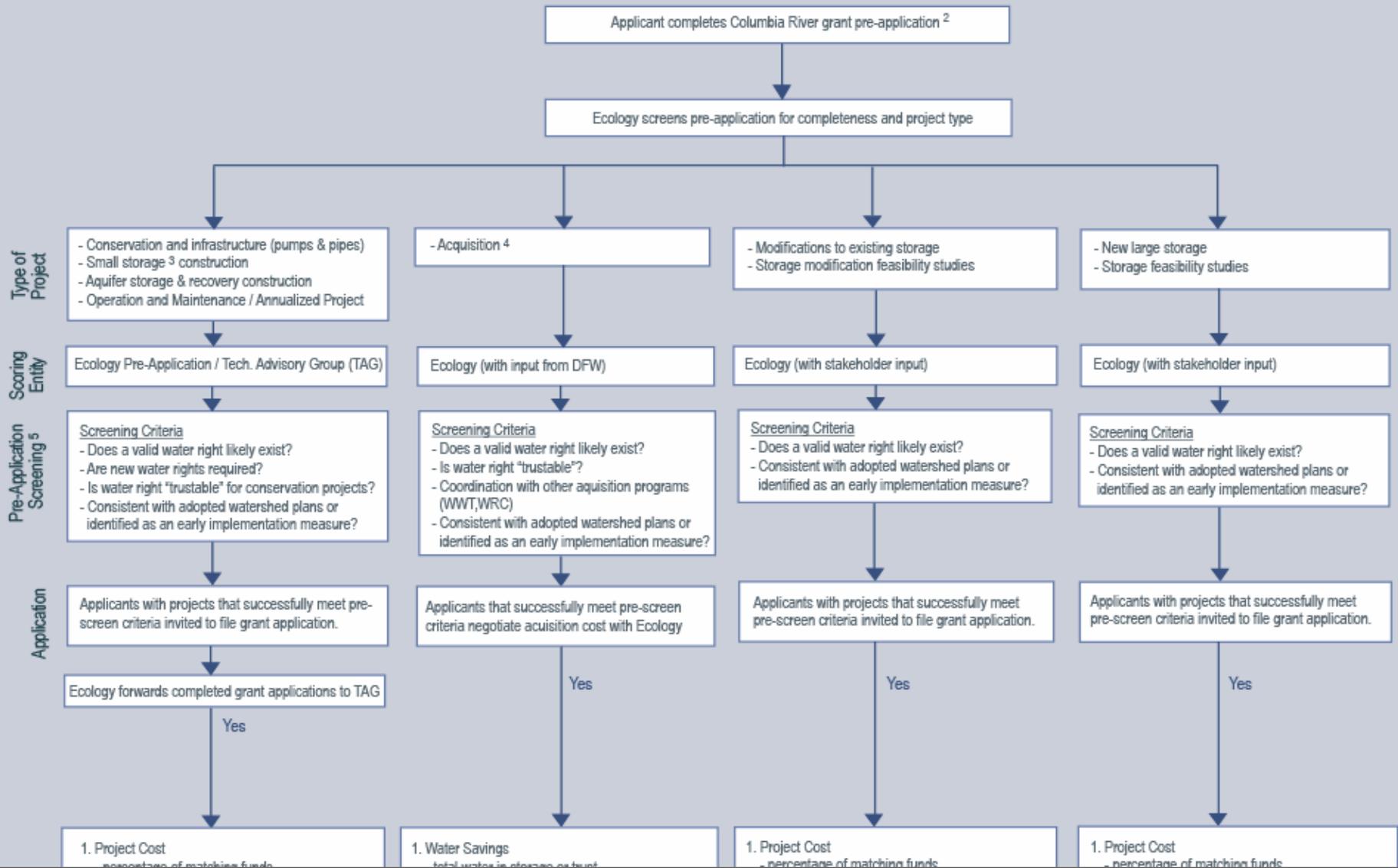
⁵ A project may not meet minimum screening criteria because the water is not "trustable" (e.g. based on a claim), because a project is not consistent with an adopted watershed plan, because of uncertainty about whether a relinquishment exemption exists to excuse nonuse, because a change application for the water right may be needed, because a new water right may be needed, or others.

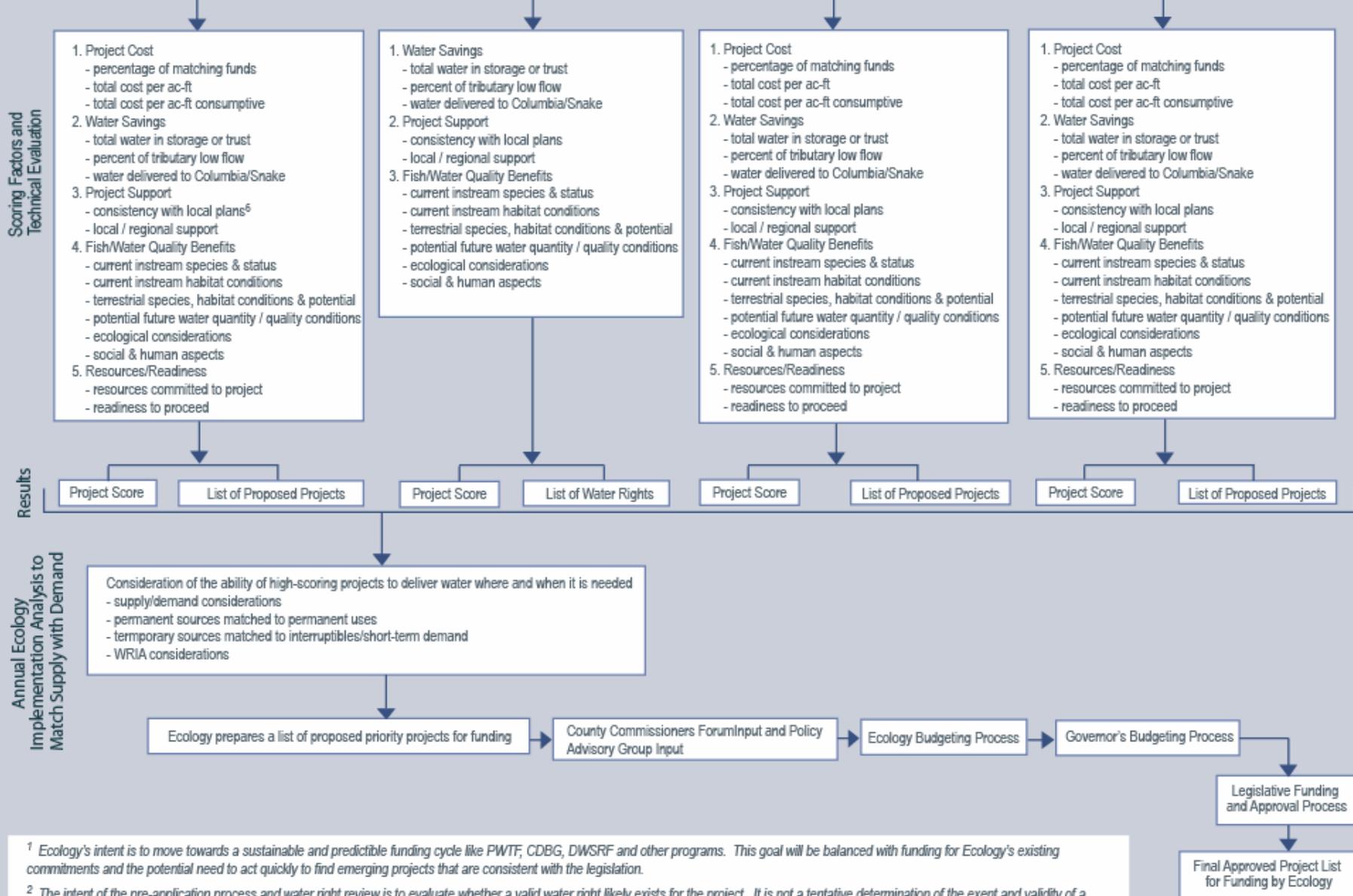
⁶ Plans include watershed plans / early implementation measures, salmon recovery plans and others.

Final Approved Project List for Funding by Ecology

Developing Water Supply for the Columbia River Basin Water Management Program ¹

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Ecology Decision on Conservation Commission Proposal

- **Agree that leveraging CD staff is a good way to move conservation projects forward**
- **Current funding proposals for 2008 grant cycle doesn't have much permitted water**
- **Previous PAG comments identified:**
 - Support for piloting the Commission's proposal
 - Support for projects that benefit fish and out-of-stream uses
- **The Franklin County CD IWM study is a CSRIA pilot with similar goals**
- **Ecology plans to set aside \$1 million in grant funding for the Commission to use to encourage projects that meet both instream and out-of-stream bill objectives**
- **Funding could be phased to build on the Franklin CD study**
- **Ecology will revisit the larger Commission proposal depending on the success of the pilot**