

COLUMBIA RIVER BASIN WATER MANAGEMENT PROGRAM

Grant Funding Application Process

Presented by

Dan Haller

Columbia River Unit Supervisor

PROGRAM OBJECTIVES

Funding Mandate is Broad (RCW 90.90.010):

- ✓ *“... assess, plan, and develop new storage, improve or alter operations of existing storage facilities, implement conservation projects, or any other actions designed to provide access to new water supplies within the Columbia river basin for both instream and out-of-stream uses.”*

Funding Program is New.

- ✓ **Transparency.**
- ✓ **Sustainability.**
- ✓ **Creativity.**
- ✓ **Inclusive.**
- ✓ **Evolution** → **Success.**

GRANT FUNDING GOALS

Find projects that address the Program Criteria:

- ✓ Provide water to meet out-of-stream needs
- ✓ Provide water to meet instream needs
- ✓ Provide permanent water (new permits)
- ✓ Provide temporary water (drought permits)
- ✓ Deliver water when it is needed (seasonal vs. year-round)
- ✓ Deliver water where it is needed (to pending applicants, to Odessa, to interruptibles, etc.)

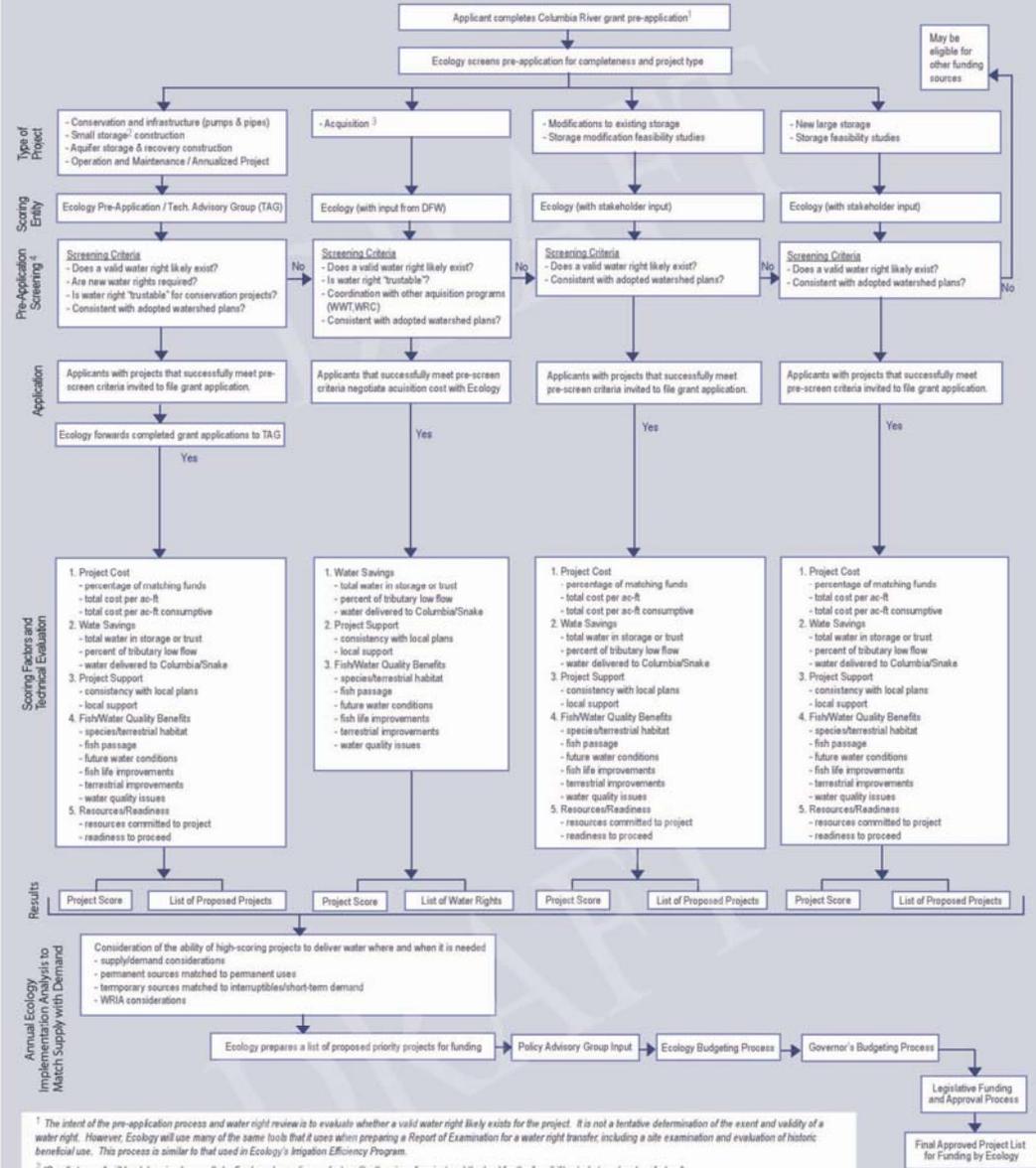
ELIGIBLE PROJECTS

First year will be “inclusive” as to projects:

- **Feasibility studies or construction for:**
 - ✓ **New Storage**
 - ✓ **Modification of Existing Storage**
 - ✓ **Aquifer Storage**
- **Conservation (pumps and pipes)**
- **Acquisition**
- **Operations or Maintenance**
- **Other innovative projects**

Proposed projects will follow different review tracks depending on the project type (Storage, Acquisition, Conservation, etc.)

Developing Water Supply for the Columbia River Basin Water Management Program Draft Funding Process -- First Cycle



¹ 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.

² "Small storage" 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).

³ Ecology's initial acquisition efforts will likely focus on specific auctions and partnerships with other programs and groups. Columbia River "acquisition" is defined in Chapter 6 of the PES.

⁴ 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.

APPLICATION PROCESS

Step 1 - Pre-Application

Applicants file a Pre-Application with Ecology to initiate the review process:

- ✓ Applicant Information
- ✓ Project Type
- ✓ Water Right Information
- ✓ Current Water Usage

Looking for . . .

- ✓ Is there a water right?
- ✓ Trustable?
- ✓ Watershed consistency?

4. Water Usage

HAS WATER BEEN PUT TO BENEFICIAL USE IN THE PAST 5 YEARS? DESCRIBE THAT USE IN TERMS OF THE SPECIFIC BENEFICIAL USE. (PLEASE ATTACH ANY AVAILABLE DOCUMENTATION THAT WILL VERIFY THE LAST FIVE YEARS DURING THAT PERIOD. INCL: LIDF AFR/AL; PHOTOGRAPHS; POWER COMPANY RECORDS; FLOW METER RECORDS; CROP TYPE)

OFFICE USE ONLY, OR 01/07/01

**PRE-APPLICATION WORKSHEET
COLUMBIA RIVER WATER MANAGEMENT PROGRAM
GRANT FUNDING PROGRAM**

Project Name: _____

County: _____

"IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS"

PERIOD OF FIVE OR MORE YEARS DURING ANY PERIOD SINCE 1967?
NO

WATER QUANTIFIED UNDER THE WATER RIGHT DISCUSSED ABOVE
(IRRIGATION, MUNICIPAL, ETC.); SYSTEM TYPE; IF IRRIGATION, DESCRIBE

IR USE
_____ CFS
_____ ACRE FEET

IR RIGHT (HIGHEST OF THE LAST 5 YEARS/ IRRIGATION SEASONS IN
_____ AF _____

UNDER THIS WATER RIGHT?

TH THIS SPECIFIC WATER RIGHT?

ECOLGY REQUIRES THE FOLLOWING INFORMATION: (PLEASE ATTACH ETS AND/OR MAPS)
ILITY FOR PUMP RECORDS, ETC.)
OCAL FSA OFFICE)
POWER UTILITY)
(CE)

1. Applicant Information:

APPLICANT/BUSINESS NAME	PHONE NO. () ()	FAX NO. () ()
ADDRESS		
CITY	STATE	ZIP CODE
EMAIL ADDRESS		
WATER RIGHT HOLDER NAME (IF OTHER THAN APPLICANT)	PHONE NO. () ()	FAX NO. () ()
ADDRESS		
CITY	STATE	ZIP CODE

APPLICATION PROCESS

Step 2 - Application

Following the Pre-Application, Ecology invites applicants to file a formal Application with Ecology:

- Proposed Project Use
- Detailed descriptions
 - ✓ Costs and matching sources
 - ✓ Proposed water savings
 - ✓ Local project support
 - ✓ Fish / water quality benefits
 - ✓ Resources / readiness to proceed
- TAG Review / Site Visit

3. Detailed Project Descriptions
(PROVIDE EXPLANATIONS AS REQUESTED. ESTIMATE PROJECT AMOUNTS (COSTS, WATER QUANTITIES, ETC. AS CLOSELY AS POSSIBLE.)

A. PROJECT COSTS AND FUNDING SOURCES

OFFICE USE ONLY: CR 01 07 01

Draft/Worksheet Submission/ Final Date Rvd: ___/___/___

APPLICATION FORM
COLUMBIA RIVER WATER MANAGEMENT PROGRAM
GRANT FUNDING PROGRAM

Project Name: _____

Project Location: _____

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS

1. Applicant Information		
APPLICANT/BUSINESS NAME	PHONE NO. () ()	FAX NO. () ()
ADDRESS		
CITY	STATE	ZIP CODE

2. New (Proposed) Water Usage and Project Budget		
PROJECT NAME		
PROJECT LOCATION		
STREAM REACH MILE/ LOCATION		
PROJECT DESCRIPTION (TYPE)		
FEASIBILITY STUDY BUDGET		
OPERATIONS AND MAINTENANCE BUDGET (INDICATE DURATION OF AGREEMENT PROPOSED)		
	MATERIALS	LABOR
ESTIMATED CONSTRUCTION COST		
DESIGN FEES		
PROFESSIONAL FEES		
SOFT COSTS (ALL PERMITS, LOCAL FEES, ETC)		
ADDITIONAL SOFT COSTS AND CONTINGENCIES		

APPLICATION PROCESS

Step 3 - Project Scoring

- **Application Scoring (50 points total)**
 - ✓ **Project Costs** (10 points)
 - ✓ **Net Water Savings** (10 points)
 - ✓ **Local Project Support** (10 points)
 - ✓ **Fish / water quality benefits** (10 points)
 - ✓ **Resources / Readiness** (10 points)
- **Each scoring category has several sub-categories**

SCORING - PROJECT COSTS

1. PROJECT COSTS			POTENTIAL SCORE: 10	
Sub-Category	Description	Scoring Levels	Points per level	Maximum Possible Score
Percentage (of the entire project) of matching funds or in-kind match available to proponent	Projects that can secure funding from local or "other" sources should be more attractive to Ecology.	0 to 25% 25 to 50% > 50% Funding provided	0 1 2	2
Total cost per acre foot	Water procured at a lower cost should score higher	\$0 to 100 \$101-1000 \$1001-3000 > \$3000 per acre foot	3 2 1 0	3
Total cost per acre foot of consumptive water	Water procured at a lower cost should score higher	\$0 to 100 \$101-500 \$501-1000 \$1001-3000 > \$3000 per acre foot	5 4 3 2 1	5

SCORING - NET WATER SAVINGS

2. NET WATER SAVINGS			POTENTIAL SCORE: 10	
Sub-Category	Description	Scoring Levels	Points per level	Maximum Possible Score
Estimate total water placed in storage for State use or in trust through this project	Projects that put larger amounts of water in terms of acre feet should be scored at a higher level	<1 cfs 1 to 10 cfs > 10 cfs	0 1 2	2
Estimate total water added to a tributary reach as a percent of low flow		<5% 5 to 10% 10 to 25% 25 to 50% > 50%	0 1 2 3 4	4
Water can be protected to the Columbia or Snake	Review of the water rights priority confirms either a yes or no here	Yes No	4 0	4

SCORING - PROJECT SUPPORT

3. PROJECT SUPPORT			POTENTIAL SCORE: 10	
Sub-Category	Description	Scoring Levels	Points per level	Maximum Possible Score
Consistency with other local plans	Projects that are consistent with, or called for in, local planning documents receive a higher score. (Separately from scoring, the applicant will be required to submit a letter from the local WRIA attesting to the fact that the Planning Unit is aware of the project)	1 point for each planning document up to 6 points	1 point for each planning document up to 6 points	6
Local Support	Projects accompanied by many letters of support score higher.	1 point for each letter of support up to 4 letters	1 point for each letter of support up to 4 letters	4

SCORING - FISH & WATER QUALITY BENEFITS

4. FISH & WATER QUALITY BENEFITS DERIVED FROM THE PROJECT			POTENTIAL SCORE: 10	
Sub-Category	Description	Scoring Levels	Points per level	Maximum Possible Score *
Current Instream Species & Status	Consideration of presence & status of salmonids, amphibians, & other aquatic species, & prioritization of this stream reach for instream flow restoration	Low number of species; status is good; reach is low priority	1	2.5
		Medium value; reach is medium priority	2	
		High number of species; status is critical; reach is high priority	2.5	
Current Instream Habitat Conditions	Analysis of need for project in relation to reach length, need for barrier removal, riffle depth, distance to holding cover, & off-channel habitat access	Neutral or slight need	1	3.0
		Medium value	2	
		Current habitat conditions are dire for fish & wildlife	3	
Terrestrial Species, Habitat Conditions & Potential for Improvement	Consideration of local species & status, species richness, the terrestrial migration corridor, & anticipated improvement to overall terrestrial habitat values from the proposed project	Low number of species; status is good; habitat values neutral to good	0.5	1.5
		Medium value	1	
		High number of species; species status is critical; project will significantly improve value for terrestrial wildlife species	1.5	

Potential Future Water Quantity or Quality Conditions	Consideration of the project's effect on flow quantity & flow timing, as well as degree of flow & water quality improvement that is anticipated as a result of the project.	Project is neutral or will slightly improve conditions Medium value	0.5	1.5
		Project will significantly improve instream conditions	1	
			1.5	
Ecological Considerations	Consideration of expected project effectiveness in relation to ecological connectivity, potential effects of climate change, improvements in riparian condition & function, whether current or future exempt wells affect project effectiveness, & potential effects of the planned construction.	Harms fish & wildlife (See note)	0 (See Note)	1.0
		Neutral or slightly helps	0.25	
		Improves conditions for fish & wildlife	0.5	
Social & Human Aspects	Potential effects of future development & land use conversions on project values to fish/wildlife; effects on supplementation efforts & fish & wildlife recreation; & potential to contribute to local goodwill.	Provides huge benefits for fish & wildlife	1.0	
		Neutral or slightly helps	0.1	0.5
		Improves conditions for fish & wildlife related values	0.3	
		Provides huge benefits for fish & wildlife-related human values	0.5	

*If the project is anticipated to impose more than short-term negative construction effects on fish/wildlife (i.e. is likely to cause harm to fish & wildlife), the total fish & wildlife value score will be zero.

SCORING - RESOURCES

5. CURRENT AND LONG TERM RESOURCES			POTENTIAL SCORE: 10	
Sub-Category	Description	Scoring Levels	Points per level	Maximum Possible Score
<u>Adequate</u> resources currently committed to ensure long-term performance of the proposed project	This category can be scored with a positive number if there are resources listed to support O&M and a zero if not.	Yes No	4 0	4
Proponent's readiness to proceed	This category is based on the applicant's progress is designing and permitting the proposed project prior to filing an application.	Range between No Progress and approved Construction Documents	0 to 6	6

APPLICATION PROCESS

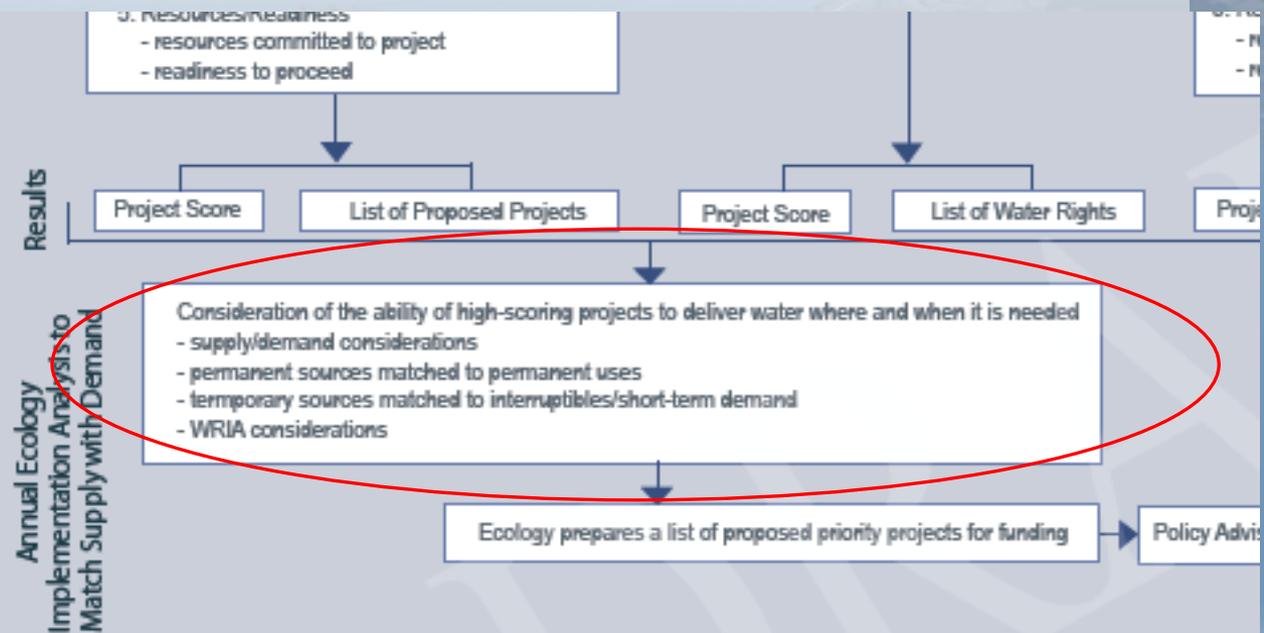
Step 4: Project Weighting

- ✓ Develop raw score based on 5 separate categories
- ✓ Add weighting that can be changed based on program goals

WEIGHTING TABLE			
<u>CATEGORIES</u>	<u>MAXIMUM POSSIBLE CATEGORY SCORE</u>	<u>WEIGHTING FACTOR</u>	<u>MAXIMUM POSSIBLE WEIGHTED SCORE</u>
Project Costs	10	2	20
Net Water Savings	10	3.3	33
Project Support	10	1.5	15
Fish/ Water Quality Benefits	10	2.2	22
Long Term Resources	10	1	10
TOTALS	50		100

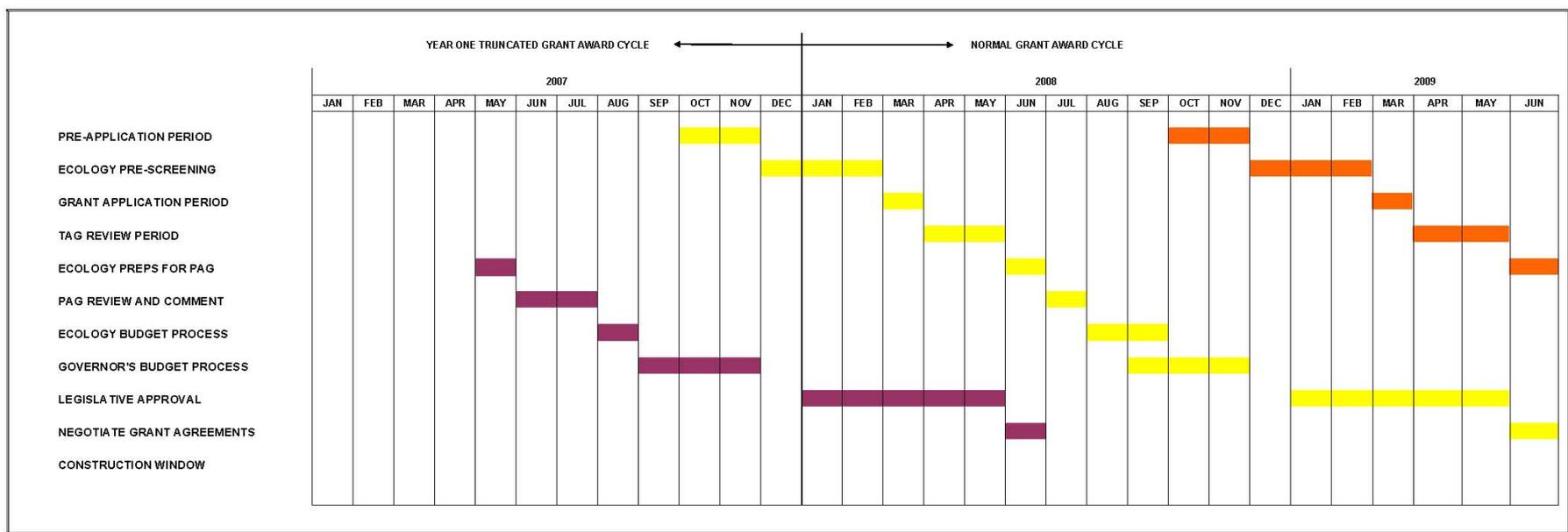
FUNDING PROCESS (cont'd)

- Following review by TAG (or Ecology), Ecology will develop recommended funding list
- Ecology matches supply / demand
- PAG input
- Budgeting
- Legislature
- Contracting



GRANT FUNDING TIMELINE 2007-2009

CRWMP GRANT APPLICATION ANNUAL FUNDING CYCLE



INITIAL FUNDING PROCESS GOALS

- **Value-balanced** – Meets the directions of the statute
- **Transparency** – Repeatable and understandable
- **Simple** – Application process not a barrier
- **Inclusive and Flexible** – Allows Ecology to “pair” projects that work
- **Learn** – Changes to scoring, weighting, triggers, thresholds?

NEXT ACTIONS - Summer 2007

- **Finalize Application package**
 - ✓ **Instructions and Guidelines**
 - ✓ **Web page development**
 - ✓ **Finalize all forms and documents**
- **Public Outreach program**
- **Fall Announcement for First Annual Cycle**
- **Schedule TAG Meeting**