

White Salmon River

Watershed Action Plan



Developed April 2008 – January 2014
Approved by WSRWMC on January 27, 2014

A project of the White Salmon River Watershed Management Committee and its Technical Advisory Committee, facilitated by Underwood Conservation District.

Vision:

The White Salmon River Watershed Enhancement Project is a community-based partnership involving citizens, industry, natural resource agencies and conservation groups cooperating to encourage and facilitate the use of natural resource principles that promote sound land management practices and ensure high water quality within the White Salmon River Watershed.

Through community involvement and education, this partnership supports management of all land within the White Salmon basin in a manner that sustains natural resources and contributes to long-term economic and community stability within the watershed.

For more information or copies of this plan,
go to: www.ucdwa.org
or contact Underwood Conservation District
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White Salmon, WA

Table of Contents:

WSR WMC Members and Reviewers.....	2
TAC Members and Reviewers.....	3
Introduction.....	3
Decision Making.....	4
Project Development Method.....	4
Project Ranking Criteria.....	6
Updating the Watershed Enhancement Project List, Ranking and Action Plan.....	10
Appendix A: Watershed Enhancement Project List.....	12
Appendix B: Watershed Enhancement Project Submission Form... 	19
Appendix C: Glossary of Acronyms.....	21

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Introduction

The White Salmon River Watershed Management Committee (WSRWMC) initiated an effort in April 2008 to develop an Action Plan which includes the development of a Watershed Enhancement Project List. A Technical Advisory Committee (TAC) was formed to help identify and characterize projects in the watershed. In conjunction with the WSRWMC, a project ranking process and criteria were formulated in order to consider scientific, social, and economic factors.

The end goal is to create in this Action Plan a list of high-ranking watershed enhancement projects with short descriptions so that potential project sponsors, partners and funding sources can easily identify high-priority work. New projects that come up may be ranked and incorporated into the Action Plan at any time to maintain a living, working document.

Having an up-to-date and comprehensive Action Plan will greatly assist local agencies and governments in accomplishing work that is supported at a local level in an organized, strategic manner. Projects include site restoration, land management improvements, aquatic or wildlife habitat enhancement, fish passage corrections at road crossings or irrigation diversions, educational programs, and more.

Decision Making

The White Salmon River Watershed Management Committee (WSRWMC) and its Technical Advisory Committee (TAC) work by consensus of attending committee members.

Project Development Method

The WSRWMC and the TAC work collectively to identify and solicit projects and to prioritize these activities for funding and implementation. Top priority projects are submitted by sponsors to various funding sources, primarily state and federal agencies who allocate money for watershed enhancement, habitat restoration, or other priorities. To ensure that available funds flow toward the most important projects, proposed projects are put through a basin-wide prioritization process. Public and private entities (including small private landowners) seeking funding to conduct enhancement projects in the basin are strongly encouraged to submit proposals to the Watershed Management Committee for prioritization. This ensures the best use of available funds and will increase the likelihood of project funding due to support and backing by the Watershed Management Committee.

Projects being submitted should include information asked for in the *Watershed Enhancement Project Submission Form* (Appendix B). Information given in the form will directly inform the project review process and short project descriptions which eventually make up the Watershed Enhancement Project List.

Review of proposals and project prioritization will be initiated by the TAC as needed, preferably annually, for technical merit. Proposals then may go through review by the Watershed Management Committee for community, socioeconomic and other considerations. The *White Salmon River Watershed Enhancement Project Development Method* is summarized below as well as depicted on the following page.

White Salmon River Watershed Enhancement Project Development Method

Technical Review of Projects

- Project descriptions are submitted by a landowner or agency staff to the Watershed Management Committee or UCD staff on a standard *Project Submission Form* (Appendix C) or equivalent (an example would be a grant application summary) and are sent to TAC members prior to their meeting.
- The TAC's main focus is to assist with the watershed enhancement project prioritization based on projects' technical merits. At the meeting, the TAC uses the *Project Ranking Criteria* to assign a numeric score to each project (see *Project Ranking Criteria* below).

- After a score is assigned, the TAC will vote whether or not a project will be forwarded on to the full Watershed Management Committee. If a project is not forwarded, it is sent back to the project sponsor with comments, suggestions, and explanations, and can be resubmitted at a later date.
- An initial technical review may also be performed by UCD staff.

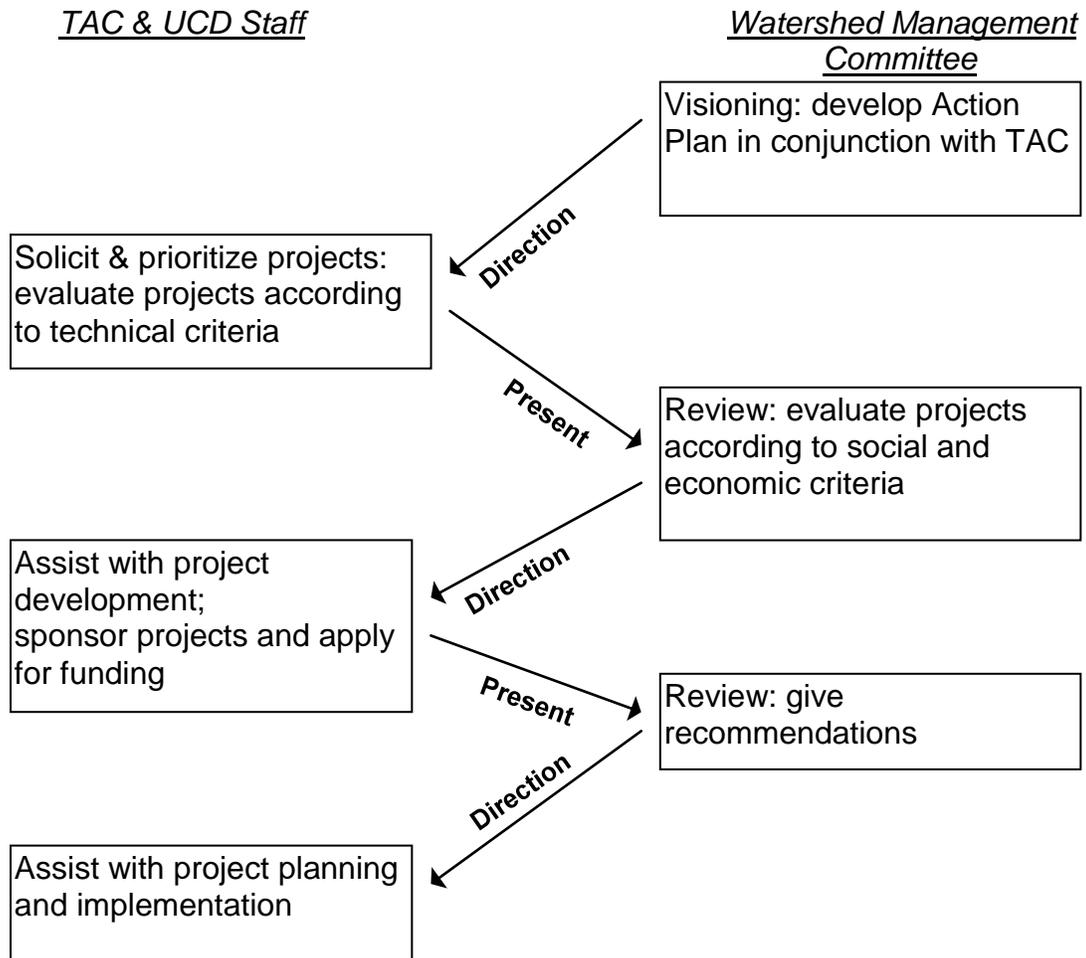
Watershed Management Committee Review of Projects

- Projects are forwarded to the Watershed Management Committee with a technical score and any comments by the TAC. Project descriptions are included with the mailing of the Watershed Management Committee's quarterly meeting agenda.
- At its quarterly meeting, the Watershed Management Committee reviews each project according to the same *Project Ranking Criteria* and any other special considerations. The Watershed Management Committee should consider any social, economic, or community issues related to the projects.
- The project is assigned a numeric value by the Watershed Management Committee. This review may also be performed by UCD staff, but will then be reviewed and approved by the WSRWMC prior to finalization.
- The sum of both the TAC's and WSRWMC's scores will determine the project's overall priority score. The final prioritization may be used by project sponsors to determine which projects should be submitted for funding. (It is worth noting that not all projects are appropriate for all funding sources; funders can have their own priorities, which differ, and while advised by WSRWMC ranks, funders are not bound by them)
- The Watershed Management Committee may determine that a project is low priority or needs major revisions, in which case the Watershed Management Committee sends the project back to the TAC and the sponsor with an explanation. The project can then be resubmitted, with changes, and the process is repeated.

Visual depiction of the White Salmon River Watershed Enhancement Project Development Method

Watershed Management Committee → Visioning

Watershed Management Committee and Technical Advisory Committee → Development of specific projects for watershed enhancement – resulting in this “Watershed Action Plan”



Project Ranking Criteria

The Project Ranking Criteria below was developed from discussions with the TAC and WSRWMC, using examples from the SRFB Klickitat Lead Entity’s Citizens Review Committee’s Evaluation Criteria, the Mid-Columbia Regional Fisheries Enhancement Group’s Project Evaluation Criteria, Underwood

Conservation District’s Cost-Share Project Rating Criteria and the Hood River Watershed Group’s Project Rating Methodology.

Projects will be ranked and compared to others in their same project type. The projects ranked highest in each type will be included in the WEP List in this Watershed Action Plan. Low priority projects will likely be returned to the project sponsor with recommendations for improvement.

Each question below will have a score from the TAC and the WSRWMC. The higher the points in the outcome, the higher the project will be ranked.

Project Ranking Criteria:

1. Does the project have a significant benefit for the costs?

TAC Review

- Benefits could include:
 - feet of stream enhanced,
 - acres planted,
 - significance of species targeted.
- Costs could include:
 - monetary costs of project and amount of matching contributions from partners,
 - construction damage.

WSRWMC Review

- Benefits could include:
 - number of people reached,
 - benefit to landowner’s operation,
 - benefit to community or economy.
 - development of future support for watershed enhancement projects in the area.
- Costs could include:
 - monetary costs of project and amount of matching contributions from partners,
 - construction damage,
 - threats to downstream infrastructure or other liabilities,
 - loss of access or inconveniences to local community.

<i>TAC Score (0-10)</i>	
<i>WSRWMC Score (0-10)</i>	
<i>Possible Score per Committee: 0-10</i>	<i>No (Low) = 0, Yes (High) = 10</i>

2. Does the project address a high-priority problem?

TAC Review

- Is project addressing an important or overarching problem, such as a habitat forming process, or a habitat limiting factor?
- Is project addressing a T&E species?
- Does project fill an important data gap?

WSRWMC Review

- Does project affect human health and safety?
- Is project addressing a human community or population in need?

<i>TAC Score (0-15)</i>	
<i>WSRWMC Score (0-15)</i>	
<i>Possible Score per Committee: 0-15</i>	<i>No (Low) = 0, Yes (High) = 15</i>

3. Is the project feasible and technically sound?

TAC Review

- Do experts in the field or studies support the methodology?
- Are permits in place, or will the project be permissible?
- Is scope appropriate to meet goals and objectives?
- Is project timing and sequence with other actions appropriate?
- Is project planned well-enough to show attention to detail?

WSRWMC Review

- Are there no major obstacles or constraints to successfully conducting the work?
- Are landowner and other partners willing (and is landowner willingness documented)?
- Are permits in place, or will the project be permissible?
- Do sponsors, partners, or landowners have good records of implementing sound projects?
- Is project safe to implement?

<i>TAC Score (0-10)</i>	
<i>WSRWMC Score (0-10)</i>	
<i>Possible Score per Committee: 0-10</i>	<i>No (Low) = 0, Yes (High) = 10</i>

4. Is the project supported by other groups, agencies and government regulations?

TAC Review

- Is the project supported by a documented habitat assessment, recovery plan, or other plan?

WSRWMC Review

- Is project relevant to identified community issues or concerns?
- Is project supported by local community, local governments, and regulations?
- If an education project, is the approach supported by WA state learning standards?

<i>TAC Score (0-5)</i>	
<i>WSRWMC Score (0-5)</i>	
<i>Possible Score per Committee: 0-5</i>	<i>No (Low) = 0, Yes (High) = 5</i>

5. Does the project have multiple benefits?

TAC Review

- Does the project address more than one species, natural resource concern, or habitat type?

WSRWMC Review

- Does the project include both on-the-ground and education/community components?
- If an education project, is approach interdisciplinary, involving experiential learning, or multiple ages?
- Are there other multiple benefits?

<i>TAC Score (0-5)</i>	
<i>WSRWMC Score (0-5)</i>	
<i>Possible Score per Committee: 0-5</i>	<i>No (Low) = 0, Yes (High) = 5</i>

6. Do the project benefits have long-term sustainability?

TAC Review

- Is the project methodology long-lasting?
- What is the life expectancy or design life of the project?
- Is the landowner or other partner committed to long-term maintenance?
- Are conditions stable enough for this project to last?
- Will more action be required in the future?

WSRWMC Review

- Is there community, partner, and landowner support?
- Is the landowner or other partner committed to long-term maintenance?
- Is there continuous funding or resources available to maintain project?

<i>TAC Score (0-10)</i>	
<i>WSRWMC Score (0-10)</i>	
<i>Possible Score per Committee: 0-10</i>	<i>No (Low) = 0, Yes (High) = 10</i>

TAC Score (sum of all 6 scores, points possible 0-55): _____

WSRWMC Score (sum of all 6 scores, points possible 0-55): _____

Total Project Score (sum of TAC and WSRWMC scores, 0-110): _____

Updating the Watershed Enhancement Project List, Ranking and Action Plan

The end result of the project ranking process is a list of top-ranked Watershed Enhancement Projects (WEP), organized by project type, with short descriptions. For each project, it should be clearly stated whether permission from the landowner has been received or whether it is pending. It is advised the project sponsors gain landowner input and permission prior to pursuing funding for implementation. Projects that are low-priority or are otherwise not ready for development and implementation won't be listed on the WEP.

This Watershed Action Plan and its prioritized WEP list can be continuously updated, kept "alive" and most useful by identifying and prioritizing new projects and removing completed or obsolete projects. UCD will be the repository for this

Watershed Action Plan and will facilitate future updates as needed or requested by the WSRWMC. The WSRWMC can play a role in developing, implementing, and tracking project implementation.

Steps to Update the Watershed Action Plan:

1. Review original intent of WAP – how are we meeting our goals?
2. Review priority projects on WEP List.
3. Update WEP List to show projects accomplished and newly identified projects.
4. Using full committees, sub-committees or UCD staff re-rank WEP projects using scoring process outlined in this document.
-Retain separation between TAC scoring and WMC scoring as well as total potential score of 110.
5. Update the WEP List showing priority projects.
6. Approve updates at next WSR WMC meeting by consensus.
7. Plan next steps, such as who will take action on pursuing high-priority projects.

Appendix A

Watershed Enhancement Project (WEP) List

*Top-Ranked Projects – Updated and Approved by Consensus
by the White Salmon River Watershed Management Committee (WSRWMC)
on January 27, 2014.*

The following projects and actions are numerically ranked using the criteria outlined by the WSRWMC's Watershed Action Plan. The projects were identified by TAC members, WSRWMC members, stakeholders and the public. It should not be assumed that projects on this list are ready for implementation or that landowners have provided permission. Each project has been developed to a different level of readiness, and many projects are still in the early pre-development phase. The WSRWMC recommends that project sponsors initiate project scoping and landowner input/permission early in the planning phase, prior to pursuing funding. Through the Project Development Method outlined in this Watershed Action Plan, the WSRWMC and TAC can serve as conveners of such project scoping.

The projects listed below are listed by Project Type. Since the scores assigned for each project ranking criterion are fairly subjective, a slightly lower score does not suggest that a project should not be implemented prior to a slightly higher scoring project. All the top-ranked projects will contribute to improving watershed health.

Project Types:

- *Habitat Restoration Projects*
- *Fish & Aquatic Passage Projects*
- *Water Quality, Quantity & Monitoring/Assessment Projects*
- *Education, Outreach & Technical Assistance Projects*

Habitat Restoration Projects

These projects will restore and enhance watershed function including revegetation, upland habitat function, floodplain connectivity, instream and side channel habitat and complexity, forest health and wetland function. The following Habitat Restoration projects were evaluated against the criteria and ranked as the highest scoring projects.

WEP #	Project Title	Location	Project Description	Potential Lead Agency or Project Sponsor	Landowner	Project Status & Needs	Score out of 110
34	Middle Rattlesnake Creek Riparian & Stream Enhancement	Husum	Riparian vegetation & instream habitat enhancement: design & install habitat enhancements such as large wood or side channel connectivity; plant conifers & native shrubs, thin overstocked stands & add slash to streams.	UCD, MCFEG	Various, permission TBD	Proposed: <i>2013 SRFB proposal combined with WEP 50 to conduct project development, landowner outreach & design.</i>	84
38	Basin-Wide Noxious Weed Removal	Basin	Continue to work with Klickitat & Skamania County Noxious Weed Coordinators to provide information, technical assistance, & funding for managing noxious weed infestations throughout the watershed.	UCD, MCFEG, YN	Various, permission TBD	Ongoing: <i>funding needed for large-scale weed removal projects</i>	84
36	Restoration & planting of areas impacted by Condit Dam removal	Main-stem	Prevent noxious weed colonization of old reservoir areas & new sediments deposited at the mouth of the river, encourage natural wood recruitment, pool formation, & healthy riparian cover.	PacifiCorp, YN, MCFEG	PacifiCorp, Various others, permission TBD	Ongoing: <i>2012-2013 planting complete; planning for habitat-assessment</i>	81
50	Upper Rattlesnake Creek Restoration	Rattle-snake	Work with landowners to improve timing of use & distribution of cattle, riparian fencing, off-stream water sources, & stream & meadow improvement, vegetative cover, & upper watershed water storage.	UCD, MCFEG, YN	Various, permission TBD	Ongoing: <i>Planning & assessing underway, SRFB proposal combined with WEP 34 to conduct project development, landowner outreach & design.</i>	79

35	Castle Springs Restoration	Rattlesnake	Improve late season water storage & improve summertime flows in Rattlesnake Creek by increasing channel roughness, vegetative cover & reductions in erosion, incision & headcutting.	UCD	Hancock Forest Management, permission TBD	Ongoing: <i>Phase 1 accomplished in autumn 2012; further work needed; could be combined with WEP 50 and SRFB proposal.</i>	79
45	Wetland Meadow Riparian Enhancement	Rattlesnake	Improve upper watershed wetland storage in Rattlesnake Creek with cattle-exclusion fencing and riparian planting; develop long term plan for fencing.	UCD	Hancock Forest Management, permission TBD	Proposed: <i>2013 SRFB proposal to do project development in combination with WEP 50; current funding (2013-2015) from Dept. of Ecology for riparian fencing.</i>	76
43	Lower White Salmon River Large Woody Debris (LWD)	Mainstem	Assess opportunities for increasing river margin LWD in the Lower White Salmon River for habitat enhancement.	YN, MCFEG	Various, permission TBD	Proposed: <i>needs project sponsor commitment, landowner permission, and funding.</i>	76
33	Habitat / Resource Land / Open Space Preservation in the White Salmon River Basin & Corridor	Basin	Critical habitat areas will be inventoried and prioritized for conservation. Acquisitions will be voluntary and maintain traditional land uses. Edu/Outreach will teach landowners about their options.	USFS, MCFEG, Friends of White Salmon River, Columbia Land Trust	PacifiCorp, Various, permission TBD	Proposed: <i>SRFB funded assessment underway in former Condit Dam area, larger scale basin-wide assessment needed.</i>	75

Fish & Aquatic Passage Projects

These projects strive to provide fish and aquatic organism passage, usually through the removal, modification or replacement of an instream passage barrier. Other projects may aim to improve passage safety through the installation of fish screens on irrigation or other water withdrawals. The following projects were evaluated against the Watershed Action Plan Project Ranking Criteria and ranked as the top scoring projects. See UCD's *2009-2010 Fish Passage Assessment* for a complete listing of Fish Passage projects and WDFW Priority Index scores.

WEP #	Project Title	Location	Project Description	Potential Lead Agency or Project Sponsor	Landowner	Project Status & Needs	Score out of 110
13	Restore Passage at Mill Creek Rm 0.32	Husum	The culvert under Lakeview Rd is a 100 percent fish passage barrier due to slope of 3.10 percent and an outfall drop of 0.27 meters. Up to 4.87 miles of potential habitat are available in Mill Creek.	UCD	Skamania County, permission gained for design phase.	Ongoing: <i>SRFB funding to UCD for design phase underway.</i>	94
1	Restore Passage at Buck Creek RM 2.04	Buck Creek	White Salmon Irrigation District dam, fish passage and screening improvements are located at RM 2.04. Unscreened diversion can trap juvenile fish; dam is upstream passage barrier; Buck Creek diverted flow used for conveyance flows to the White Salmon River.	UCD	White Salmon Irrigation District, permission gained for design phase.	Ongoing: <i>Planning & design work underway by UCD, SRFB funding 2012-2015</i>	92
8	Restore Passage at RM 0.04 of Spring Creek Tributary 1	Husum	Barrier culvert on Tributary 1 of Spring Creek blocks passage. This is a small tributary but project has been more developed than the passage improvements on the mainstem of Spring Creek.	UCD, MCFEG	Klickitat County, permission TBD	Proposed: <i>Needs project sponsor commitment, landowner permission & funding</i>	76
5	RM 0.6 Spring Creek Assessment	Husum	Earthen Dam needs to be assessed, the dam is likely a total barrier to upstream migration, but not much is known about this barrier and passage improvement options.	UCD, MCFEG	Private, permission TBD	Proposed: <i>Needs project sponsor commitment, & landowner permission.</i>	63
6	Trout Lake Irrigation Diversion Upgrades	Trout Lake	Numerous irrigation outtakes need fish screens, instream fish passage, fish returns or efficiency upgrades. Must work only with willing ditch companies.	UCD	Various: private owners & irrigation ditch companies, permission TBD	Proposed: <i>Needs landowner permission, development, design & funding</i>	63

14	Ram Dam Masonry Removal on Rattlesnake Creek RM 1.5	Husum	1 day project with volunteer assistance, hand tools, safety talk, etc. to use a pickaxe or other hand tool to disassemble concrete structure and improve passage.	WSRWM C	Stevens/Hummel, permission TBD	Proposed: <i>Needs landowner permission, project sponsor, and possibly permitting.</i>	55
3	Fish Passage on Trib entering at RM 9.90	Husum	Culverts have been identified, at RM 0.04, RM 0.31, RM 0.48 and RM 0.59, but passage/barriers needs to be verified.	UCD, MCFEG	Private, permission TBD	Proposed: <i>needs landowner permission, project sponsor, and passage assessment.</i>	55

Water Quality, Quantity & Monitoring/Assessment Projects

These projects aim to improve water quality, quantity, and understanding of watershed functions, including monitoring, modeling, and database management. The following projects were evaluated against the criteria and ranked as the highest scoring projects.

WEP #	Project Title	Location	Project Description	Potential Lead Agency or Project Sponsor	Landowner	Project Status & Needs	Score out of 110
69	Trout Lake Dairy Upgrades	Trout Lake	Work with dairy operators to identify and mitigate sources of fecal coliform. Steps may include improving waste and wastewater transfer, manure storage and composting to improve water quality.	UCD	Various private, permission TBD	Ongoing: <i>UCD works with dairy operators to keep plans and BMPs up-to-date</i>	87
68	Basin Wide Water Quality Inventory	Basin	Understand present conditions and identify data gaps in water quality assessments	UCD	Various, permission TBD	Proposed: <i>Needs project sponsor and funding; UCD currently has Dept. of Ecology grant to do small amount of water quality monitoring.</i>	86
65	Basin Wide Livestock Water Quality Improvements	Basin	Work with landowners to improve livestock management and reduce potential contaminants, excess nutrients and sources of fecal coliform.	UCD	Various, permission TBD	Ongoing: <i>UCD has Dept. of Ecology grant</i>	81

						<i>to focus on this work.</i>	
20	Former NW Lake Area Lands Assessment	Husum	Develop a plan for accommodating on-going public access for recreation while restoring high value habitats, and preventing parcel fragmentation.	MCFEG	PacifiCorp, Various, permission TBD	Ongoing: <i>SRFB funded assessment underway</i>	80
56	Agricultural Water Conservation	Basin	Work with landowners to identify opportunities for improving agricultural water conservation and irrigation efficiency.	UCD, NRCS	Various, permission TBD	Ongoing: <i>UCD is attempting to develop funding opportunities.</i>	77

Education, Outreach & Technical Assistance Projects

The following projects work with the people who live in and around the watershed or visit the watershed. These may include landowners, land managers, adults and students. They were evaluated against the criteria and ranked as the top scoring projects.

WEP #	Project Title	Location	Project Description	Potential Lead Agency or Project Sponsor	Landowner	Project Status & Needs	Score out of 110
21	Water Jam	Washington Gorge	Regional education event for elementary and middle school students focusing on understanding basic ecological systems: water cycle, salmon life cycle and habitat needs, aquatic and terrestrial biota.	Cooperative: MCFEG, YNF, USFWS, USFS, UCD	N/A	Ongoing: <i>Annual program</i>	93
25	Salmon in the Classroom	Washington Gorge	Teach elementary school students about salmon lifecycles and ecosystem significance.	USFWS	N/A	Ongoing: <i>Annual Program</i>	90
29	Residential Water Conservation Technical Assistance and Education	Basin wide	Offer education and assistance to improve water conservation by residential water users.	UCD	Various, permission TBD	Proposed: <i>project needs sponsor commitment and funding</i>	87
22	Technical Assistance to Landowners and Resource Users	Basin wide	Technical assistance and education on invasive species identification and removal, water conservation, fuels reduction and wildlife risk, livestock management and other ongoing conservation and habitat needs.	UCD and several sponsors via "Share-the-River" committee	Various, permission TBD	Ongoing: <i>UCD provides this service on a limited basis; Share-the-River committee meets regularly.</i>	85

23	Water Rights and Allowable Uses Education	Basin wide	Encourage water users to learn more about their water rights; offer alternatives to water right relinquishment by teaching about water trusting options.	UCD, Washington Water Trust, Trout Unlimited	N/A	Proposed: <i>One workshop conducted by UCD in 2011 and 2013; future funding needed.</i>	83
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Appendix B

Watershed Enhancement Project Submission Form

*White Salmon River Watershed Management Committee
Action Plan Development*

**All project submissions will be reviewed prior to inclusion in the final Action Plan.
Thank you for your input!*

*** Please return form to: **Underwood Conservation District** at 170 NW Lincoln •
Park Center Building • PO Box 96 • White Salmon, WA 98672 • info@ucdwa.org*

Project Name: _____

Subbasin (circle one): White Salmon River Mainstem Buck Creek
Rattlesnake Creek Indian Creek Gilmer Creek Trout Lake Creek
other: _____

Describe Location: _____

Landowner (if known): _____

Current Status (circle one):
Proposed Planned Ongoing Complete

Source of Project Idea (optional: name and contact information): _____

Potential Sponsors or Supporting Parties (who might support, help fund, or
implement this project?): _____

Short Description of Problem and Proposed Solution: *Use separate paper to describe the project and address the following questions in a short narrative (questions below are based on the Project Ranking Criteria to be used by the TAC and WSWMC).*

Benefits of Proposed Project (Criterion #1): Describe the benefits of proposed project (includes: number of people reached, feet of stream enhanced, acres planted, significance of species targeted, benefit to landowner's operation, benefit to community or economy). Will implementation of project build community support for watershed enhancement projects in the area?

Project Budget and other Costs of Proposed Project (Criterion #1):

Describe project budget as specifically as possible and other costs (includes: monetary costs of project and amount of match contributions from partners, construction damage, threats to downstream infrastructure or other liabilities, loss of access or inconveniences to local community).

Priority Problem (Criterion #2): Explain whether the project addresses a high-priority problem (e.g. Does the project address a T&E species, a habitat-forming process, or an important data gap? Does the project affect human health and safety or a community or population in need?)

Project Feasibility and Support (Criterion #3): Describe project feasibility. Are methods technically sound or tested in the field? Is scope appropriate to meet goals and objectives? Are there no major obstacles or constraints to successfully conducting the work? Are landowner and other partners willing (and is landowner willingness documented)? Is project timing and sequence with other actions appropriate? Are permits in place, or will the project be permissible? Is project planned well-enough to show attention to detail? Do sponsors, partners, or landowners have good records of implementing sound projects? Is project safe to implement?)

Technical Support (Criterion #4): Is the project supported by a documented habitat assessment, recovery plan, or other plan? (Include citations and page numbers from these plans.) Are experts in the field supportive of the project? Can letters of support be acquired?

Community Support (Criterion #4): Is project relevant to identified community issues or concerns? Is project supported by local community, local governments, and regulations?

Educational Support (Criterion #4): Is the project educational, and how? Is the educational approach supported by WA state learning standards?

Multiple Benefits (Criterion #5): Does the project have multi-species benefits? Does the project reach multiple groups of people? If an education project, is approach inter-disciplinary, involving experiential learning, multiple subjects, or ages?

Long-Term Sustainability (Criterion #6): Do the project benefits have long-term sustainability? Is there community, partner, and landowner support? Is the landowner or other partner committed to long-term maintenance? Is the methodology long-lasting? What is the life expectancy of the project? Is there continuous funding available to maintain project? Are conditions stable enough for this project to last? Will more action be required?

Further Comments: Are there additional details not covered above, but worth describing here?

Appendix C

Glossary of Acronyms

CONLA – Cabin Owners of Northwestern Lake Association.

ECY – Washington Department of Ecology.

FWSR – Friends of the White Salmon River.

MCFEG – Mid-Columbia Fisheries Enhancement Group.

NMFS – National Marine Fisheries Service.

NRCS – Natural Resources Conservation Service.

PCSRF – Yakama Nation has applied for and received Pacific Coastal Salmon Recovery Funding for salmon restoration work.

RCO SRFB – Washington State Recreation and Conservation Office manages the Salmon Recovery Funding Board, which funds salmon restoration work.

TAC – Technical Advisory Committee.

TBD – to be determined.

UCD – Underwood Conservation District.

USFS – US Forest Service

USFWS – US Fish and Wildlife Service.

USGS-CRRL – US Geological Service, Columbia River Research Laboratory.

WA DNR Western States – Washington Department of Natural Resources.

WDFW – Washington Department of Natural Resources.

WSCC – Washington State Conservation Commission, UCD's state-level guiding agency, which provides funding on an annual basis.

WSR WMC – White Salmon River Watershed Management Committee.

YN or YNFP – Yakama Nation Fisheries Program.