Complete Application Checklist Summary:

Through the application process each of the following elements, depending on the project type, will need to be created and submitted at some point before the final application due date.

- Local Snake River Salmon Recovery Board Application – this does not need to be submitted in PRISM, but is required and will assist in finalizing a complete application – may elements including the project title, description, property details, etc., can be copied and pasted throughout. The SRSRB Application includes this entire form, the pre-application, draft application, and final application sections.

- The relevant Salmon Project Proposal (Appendix C, found in RCO Manual 18), which includes the response to the SRFB Review Panel comments if required.

- Three maps: 1. a general vicinity map, 2. a detailed worksite map for planning and restoration projects or a parcel map for acquisitions, and 3. a map showing the project’s Area of Potential Effect with the section, township, and range identified.

- A minimum of two site photographs in JPEG file format.

- The proposed project design including plans, specifications, and a design report if available (for restoration projects only).

- Detailed Cost Estimate.

- Landowner Acknowledgement Form (Appendix F, found in RCO Manual 18).

- Barrier Evaluation Form (fish passage construction and design projects only).

- Correction Analysis Form (fish passage construction projects only).

- Intensively Monitored Watershed Certification (when relevant).

- Waiver of Retroactivity (for acquisition projects only).

- Deliverables from prior phases of the project (when relevant).

- Project partnership contribution form (when relevant, Appendix G, found in RCO Manual 18).

- Salmon Recovery Funding Board Application Authorization Form

- RCO Fiscal Data Sheet

- Complete required elements of PRISM Online Application: [https://secure.rco.wa.gov/Prism/Sponsor/Account/LogOn](https://secure.rco.wa.gov/Prism/Sponsor/Account/LogOn).

Please contact the Snake River Salmon Recovery Board Lead Entity office for questions or assistance with the application and application process at 509-382-4115 or john@snakeriverboard.org.
# Pre-Application Section
*(This section must also must be included as part of the Draft and Final Applications if you don’t submit a pre-application)*

<table>
<thead>
<tr>
<th><strong>Project Title (less than 50 characters including spaces, please create a title that accurately reflects the project):</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Touchet River Conceptual Restoration Plan</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Submitting Organization:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Columbia Conservation District</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Project Contact Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(Complete for each project contact)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mrs.</th>
<th>Ms.</th>
<th>First Name:</th>
<th>Justin</th>
<th>Last Name:</th>
<th>Pearson</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Address:</td>
<td>202 S. Second St</td>
<td>City/Town:</td>
<td>Dayton</td>
</tr>
<tr>
<td></td>
<td></td>
<td>State:</td>
<td>WA</td>
<td>Zip:</td>
<td>99328</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Telephone #:</td>
<td>(509) 382-4273</td>
<td>Cell #:</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E-mail address:</td>
<td><a href="mailto:jp-ccd@daytonwa.net">jp-ccd@daytonwa.net</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Project Location:</strong></th>
<th>Provide a brief description of the project location including watershed, stream reach, position in watershed and if the project is within an major or minor spawning area (MSA or mSA) and within a designated restoration or protection reach (according to the Funding Habitat Restoration Projects for Salmon Recovery in the Snake River Region Booklet and Snake River Salmon Recovery Plan (2011)).</th>
</tr>
</thead>
<tbody>
<tr>
<td>This project will be located in WRIA-32 in Columbia and Walla Walla Counties. It will be along the Touchet River and its tributaries. The Touchet River is a MSA for ESA listed species including Bull Trout and Mid-Columbia Steelhead.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Maps:</strong></th>
<th>Provide both a map illustrating project vicinity and a site map. Map descriptions can be placed in this section but maps should be attached as a separate page.  (Contact SRSRB staff for assistance if needed).</th>
</tr>
</thead>
</table>
Project Description

Must be less than 1,500 characters including spaces.

Important Note:

Many audiences, including the Salmon Recovery Funding Board (SRFB), SRFB’s Technical Review Panel, media, legislators, and the public who may inquire about your project, use this description. Provide as clear, succinct, and descriptive an overview of your project as possible – many will read these 1-2 paragraphs! This project description will be used in your online PRISM application and can be used in the Salmon Project Proposal, please take your time to craft a well written project description.

Your description needs to include the following:

- Who is sponsoring the project
- Type of project (acquisition, restoration, development, design)
- Location information
- Overall specific goal to be achieved and why it is important to do at this time
- Primary type of habitat to be protected or restored and to what extent the project will protect, restore, and/or address salmon habitat
- Priority species supported
- Primary outdoor recreation opportunity to be provided if relevant
- What will be acquired, restored, developed, and/or designed with grant funds

Example of a Project Description:

The Jones Nonprofit will use this grant to acquire approximately 20 acres to protect salmonid habitat. Five of these acres will be restored. The property is located in B County, adjacent to Liquid Creek, east of Highway 1101. The acquisition will help conserve the ecological integrity and biological diversity of the Liquid Creek watershed by protecting parcels containing critical riparian habitats and linking these parcels to existing public lands. The primary habitat that will be protected is riparian and in-stream habitat. Approximately 20 acres will be acquired, 10 acres of riparian and wetland habitat and 10 acres of adjacent upland. Five of the riparian acres will be restored by planting native vegetation. The primary species supported by these habitats are Endangered Species Act listed anadromous fish including coho, summer and fall Chinook, chum, and steelhead.

This acquisition has been identified as a high priority for B County, and the protection of functioning habitat is the highest priority in the Northwestern chapter of the Salmon Recovery Plan. The Jones Non-Profit group has worked closely with B County, the local school district and the Friends of Liquid Creek to secure funding and other support for this project. The University of Fun Education has agreed to conduct the baseline study and
develop a restoration plan. This project builds upon the Land Trust’s adjacent land holdings and the Liquid Creek Preserve which has already conserved 45 acres and 3,700 feet of Liquid Creek.

The PRISM database limits project descriptions to 1500 characters (including spaces); any excess text will be deleted. Additional detail should be provided in the project proposal!

Your Project Description: The Columbia Conservation District (CCD) will use this grant to develop a conceptual restoration plan for the Touchet River and Tributaries in Columbia and Walla Walla Counties, including Touchet, North Fork Touchet, South Fork Touchet Rivers, Wolf Fork, Robinson Fork and Coppei creeks which are within the middle and upper Touchet River MSA as identified in the SE WA Salmon Recovery Plan (2011). These tributaries are inhabited by native ESA threatened Mid-Columbia steelhead and Bull Trout and re-introduced spring Chinook. The planning process will expand upon the Touchet River Geomorphic Assessment (GeoEngineers, DATE2011, SRFB:RCO:ContractPRISM # ______09-1593) of existing information, conduct habitat surveys, identify priority stream reaches, habitat enhancement potential and develop conceptual restoration designs. The guiding principle of this restoration plan will be to focus on improving the habitat factors limiting salmonid production and survival. To meet this goal, we will work closely with the Snake River Salmon Recovery Board, Regional Technical Team, co-managers, WWCCD, BPA, landowners, and other partners at all stages of the project to ensure high priority salmonid limiting factors and restoration actions are identified. This project is identified in the Snake River Salmon Recovery Plan and regional work plan in WRIA 32 Assessment and Planning Restoration; deliverables will be serve as the basis of future restoration project development in the MSA incorporated into future restoration activities.

Pre-Application Cost Estimate:

Note: Please only use this section for the Pre-Application – the Cost Estimate for the Draft and Final Applications must be more detailed and in a separate document or spreadsheet – please contact LE Staff for examples.

List SRFB request, match, and total project costs.

<table>
<thead>
<tr>
<th>Budget Items</th>
<th>Cost/Unit</th>
<th>Unit</th>
<th>Matching Funds</th>
<th>SRFB Request</th>
<th>Total Project Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract Services</td>
<td></td>
<td>1</td>
<td>185,000</td>
<td></td>
<td>185,000</td>
</tr>
<tr>
<td>Contract Management</td>
<td></td>
<td>12,000</td>
<td>10,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project Management</td>
<td></td>
<td>16,000</td>
<td>5,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Misc</td>
<td></td>
<td>2,000</td>
<td>$30,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Matching</strong></td>
<td></td>
<td></td>
<td></td>
<td>$30,000</td>
<td></td>
</tr>
<tr>
<td><strong>Total SRFB Request</strong></td>
<td></td>
<td></td>
<td></td>
<td>$200,000</td>
<td></td>
</tr>
<tr>
<td><strong>Total Project Cost</strong></td>
<td></td>
<td></td>
<td></td>
<td>$230,000</td>
<td></td>
</tr>
</tbody>
</table>
**Restoration Project Preliminary Design Requirements**

Starting in 2013, the SRFB changed the requirement for design review of restoration projects which exceed $250,000 in SRFB requested funds. If your grant request from the SRFB will exceed $250,000 you will be required to submit a preliminary design or equivalent with the final application. Check the SRFB Manual18 (Appendix D) for information of the Design Requirements or contact LE Staff.

Please check the appropriate box below as to whether the design requirement can be met.

<table>
<thead>
<tr>
<th>Statement</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>I have preliminary designs completed and have cross walked them w/ SRFB requirements</td>
<td></td>
</tr>
<tr>
<td>I am currently working on preliminary design and may be able to complete by final application deadline</td>
<td></td>
</tr>
<tr>
<td>I do not have preliminary designs and will not have them by the final application</td>
<td></td>
</tr>
</tbody>
</table>

**Evidence that this project is part of the Snake River Salmon Recovery Plan:**

List the HWS project number and the title of the project as stated in the Snake river Salmon Recovery Region Provisional Work Plan 2013-2018. If project is not directly stated in the Work Plan, list the general project category your project pertains to and describe the correlation.

**Work Plan Number(s):**

32- Assessment and Planning Restoration

---

**This is the end of the PRE-APPLICATION**

When submitting your draft application, make sure to update the pre-application information where required as well as completing the following draft application. The pre-application will become part of the draft application to reduce redundant forms.
Draft Application Section

(This section is in addition to the pre-application, please update sections above in the Pre-Application section where necessary).

Salmon Recovery Funding Board
Draft Application Information

<table>
<thead>
<tr>
<th>✔️ Draft</th>
<th>Date Submitted to SRSRB</th>
</tr>
</thead>
</table>

Vicinity / Site Maps & Photos

Please submit photos as JPEG or other non PDF picture format. Maps and designs maybe submitted in photo or PDF format. If maps and photos were submitted with the pre-application, re-submit only if they have been updated.

<table>
<thead>
<tr>
<th>Vicinity Map</th>
<th>Attached</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Worksite Map (planning and restoration projects) or parcel map (acquisition projects)</td>
<td>✔️</td>
</tr>
<tr>
<td>Map showing the project’s Area of Potential Effect (APE) with Section/Township/Range</td>
<td>✔️</td>
</tr>
<tr>
<td>A minimum of two (2) Aerial or Site Specific Photos Attached</td>
<td>✔️</td>
</tr>
<tr>
<td>Designs (conceptual, preliminary, or final) or Field Sketches</td>
<td>✔️</td>
</tr>
</tbody>
</table>

Salmon Project Proposal

To complete this section download the Salmon Project Proposal template that fits your proposed project and attach as a separate document. Check appropriate box below.

NOTE: This project proposal will be used primarily to evaluate your project and is the meat of the application. Please include appropriate metrics within the body of the text.

The Salmon Project Proposal template documents listed below can be found at: http://snakeriverboard.org/wpi/salmon-recovery/lead-entity-committee/grant-applications/ or in Appendix C of SRFB Manual 18.

<table>
<thead>
<tr>
<th>Salmon Project Proposal</th>
<th>Attached</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Restoration, Acquisition, and Combination (Restoration &amp; Acquisition) Project</td>
<td>✔️</td>
</tr>
<tr>
<td>2) Planning Projects (Assessment, Design, and Study) and Combination (Planning &amp; Acquisition) Projects</td>
<td>✔️</td>
</tr>
<tr>
<td>3) Regional Monitoring Projects</td>
<td>✔️</td>
</tr>
<tr>
<td>4) Barrier Inventory Projects</td>
<td>✔️</td>
</tr>
</tbody>
</table>
Regional Monitoring Proposal Requirements (Regional Monitoring projects only)
The Snake River Salmon Recovery Board, at its discretion*, may make up to 10 percent of its annual Salmon Recovery Funding Board (SRFB) project allocation available for monitoring activities subject to the following conditions:

- Address a high priority information need or data gap identified within our recovery plan and/or associated regional research, monitoring, and evaluation (RME) plan or lead entity strategy.
- Not duplicate or interfere with ongoing monitoring efforts.
- Be consistent or compatible with data collection, analysis, and management methods and protocols being used within the region and shall to the maximum extent practicable be consistent or compatible with methods and protocols in common use throughout the state.
- Make data available to the RCO, the public, and the SRFB Monitoring Panel.
- Not exceed 3 years.
- Total 10 percent or less than our regional allocation*.

Projects that address Imminent Threats – Population Effect Determination
When the Lead Entity Committee reviews and evaluates project proposals, addressing an Imminent Threat to salmon and/or steelhead is taken into consideration following the submission of the draft application, if your project addresses an Imminent Threat as identified in the Funding Habitat Restoration Projects for Salmon Recovery in the Snake River Region Application Booklet, the Snake River Salmon Recovery Board Regional Technical Team (RTT) will be consulted on the severity of Imminent Threats being proposed for restoration funding. The RTT will consider population level effects the project may have if the project is implement and provide a technical recommendation to the LE Committee either (I) large improvement on a population scale or (i) minimum impact on a population scale for project scoring and evaluation.

RTT Technical Opinion (Filled in by LE Staff)  Population Scale (I)  OR  Local Scale (i)

Landowner Acknowledgment Forms
To complete this section, download the landowner acknowledgment form (different from the landowner agreement form), have the landowner complete and sign the form, and submit a copy with the draft application. Draft applications without signed agreement forms may not be considered by the SRSRB for final scoring and ranking. Remember to complete a Landowner Acknowledgement form for each separate Landowner.

These forms can be found on the SRSRB web site at: http://snakeriverboard.org/wpi/salmon-recovery/lead-entity-committee/grant-applications/ or in SRFB Manual 18.
**Project Proposal Cost Estimate**

Please provide a detailed cost estimate to supplement the general cost information required by PRISM (it is easiest to align the cost estimate you create with the cost fields from PRISM). Applicants may use their own formats, but, in general, restoration and design project cost estimates should separate costs for individual construction, design, and project administration elements and tasks (e.g., survey, design, permits, cultural resources, materials, labor, and equipment). Acquisition projects should include costs for land, incidentals (including, as appropriate, appraisals, review appraisals, hazardous substance assessment, title reports and insurance, baseline documentation for conservation easements, closing, recording fees, wetland delineation, fencing, signing, taxes), boundary survey, cultural resources review, demolition, noxious weed control, relocation, stewardship plan, and project administration. Contingency costs should NOT be included as a separate line item in the attached cost estimate. For more information and eligible costs, see RCO Manual 18.

For this section, you may use an existing example cost estimate which can be found on the SRSRB website at: [http://snakeriverboard.org/wpi/salmon-recovery/lead-entity-committee/grant-applications/](http://snakeriverboard.org/wpi/salmon-recovery/lead-entity-committee/grant-applications/) OR you may submit a detailed budget in your own format. Please check the appropriate project budget type below that you have completed.

<table>
<thead>
<tr>
<th>Attached</th>
<th>Detailed Cost Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑</td>
<td></td>
</tr>
</tbody>
</table>

**Barrier Evaluation Form** (Fish Passage construction and design projects only)

This form is used to document fish passage barrier conditions. This form can be found on the SRSRB web site at: [http://snakeriverboard.org/wpi/salmon-recovery/lead-entity-committee/grant-applications/](http://snakeriverboard.org/wpi/salmon-recovery/lead-entity-committee/grant-applications/) or in SRFB Manual 18.

<table>
<thead>
<tr>
<th>Attached</th>
<th>Barrier Evaluation From</th>
</tr>
</thead>
<tbody>
<tr>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

This is the END of the DRAFT APPLICATION.

Don’t forget to update the pre-project information to reflect changes, if didn’t submit in the pre-application round fill out the pre-application information on your draft submittal.
Appendix G: Project Partner Contribution Form

Project Partner: Walla Walla County Conservation District

Partner Address:

Contact Person

☑ Mr. ☐ Ms. Title:

First Name: Rick Last Name: Jones

Mailing Address:

E-Mail Address:

Description of contribution to project:

Estimated value to be contributed: $

________________________________________________________

Partner’s signature Date
Vicinity Map
Organization Name: **Columbia Conservation District**

Project Name and Number (s): [Touchet River Conceptual Design Plan]

This form authorizes submitting application(s) for grant funding assistance for salmon recovery project(s) to the Salmon Recovery Funding Board as provided in RCW 77.85, WAC 420 and subsequent Legislative action.

WHEREAS, under the provisions of the Salmon Recovery Act, state grant assistance is requested to aid in financing the cost of __200,600__ (insert: acquisition, restoration, enhancement, planning, and/or monitoring); and

WHEREAS, our organization considers it in the best public interest to complete the project described in the application(s).

NOW, THEREFORE, BE IS RESOLVED that:

1. The **Columbia Conservation District Chairman** is authorized to make formal application to the Salmon Recovery Funding Board for grant assistance.

2. Our organization has reviewed the sample project agreement on the Recreation and Conservation Office’s web site at: [http://www.rco.wa.gov/documents/manuals&forms/SampleProjAgreement.pdf](http://www.rco.wa.gov/documents/manuals&forms/SampleProjAgreement.pdf) and authorize **Clay Hutchins** to enter into such a project agreement, if funding is awarded. We understand and acknowledge that the project agreement will contain the indemnification (applicable to any sponsor) and waiver of sovereign immunity (applicable to Tribes) and other terms and conditions that are contained in the sample project agreement.

3. Any grant assistance received will be used for direct costs associated with implementation of the project referenced above.

4. Our organization expects our matching share of project funding will be derived from **District and Commission Funds** and meets the requirements of WAC 420-12-040. In addition, our organization understands it is responsible for supporting all non-cash commitments to this project should they not materialize.

5. We acknowledge that if the Salmon Recovery Funded Board approves grant assistance for the project(s), the Recreation and Conservation Office will pay us on only a reimbursement basis, except for a specially approved advance payment. We understand reimbursement basis means that we will only request payment from the Recreation and Conservation Office after we incur eligible and allowable costs and pay them. The Recreation and Conservation Office may also determine an amount of retainage and hold that amount until the project is complete. The Recreation and Conservation Office may approve advance payments in limited circumstances, pursuant to WAC 420-12-060 and the policy outlined in Manual 8, Reimbursements.

6. **[Acquisition Projects Only]** We acknowledge that any property acquired with grant assistance be dedicated for salmon recovery purposes for perpetuity unless otherwise agreed to by our organization and the Salmon Recovery Funding Board. We agree to dedicate the property in a signed “Deed of Right to Use Land for Salmon Recovery Purposes” for fee acquisitions, or an “Assignment of Rights” for conservation easement acquisitions, to be recorded on the title of the property with the county auditor.
7. [Acquisition Projects Only] We acknowledge that any property acquired in fee title must be accessible to the public unless the Recreation and Conservation Office Director or the Salmon Recovery Funding Board agrees to other restrictions.

8. [Restoration Projects Only] We acknowledge that any property restored be maintained for a period of ten years after the project is complete unless otherwise provided and agreed to by our organization and the Salmon Recovery Funding Board.

9. [Non-profit Organizations Only] Our organization certifies it is a registered nonprofit corporation with the Washington Secretary of State and has been active in protection and enhancement of natural resources. Should our organization dissolve or disband during the period of this project, we agree to name a successor organization pursuant to Salmon Recovery Funding Board policy.

10. This application authorization becomes part of a formal application to the Salmon Recovery Funding Board for grant assistance.

11. We provided appropriate opportunity for public comment on this application.

12. We certify that this resolution was properly and lawfully adopted following the requirements of our organization and applicable laws and policies and that the person signing as authorized representative is duly authorized to do so.

This resolution was adopted by our organization during the meeting held:

Location 202 S. 2nd Street, Dayton WA 99328 Date______________________________

Signed and approved by the following authorized representative:

Signed ________________________________________________________________

Title ____________________________ Date ________________________________

Approved as to form __________ November 19, 2015 ________________________________

You may reproduce this form in your own format; text however may not change.
## Planning and Combination (Planning and Acquisition) Project Proposal

<table>
<thead>
<tr>
<th>Project Number</th>
<th>Project Name</th>
<th>Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Touchet River Conceptual Design Plan</td>
<td>Columbia Conservation District</td>
</tr>
</tbody>
</table>

List all related projects previously funded or reviewed by RCO:

<table>
<thead>
<tr>
<th>Project # or Name</th>
<th>Status</th>
<th>Status of Prior Phase Deliverables and Relationship to Current Proposal?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touchet Geo Asses. (09-1593)</td>
<td>Completed</td>
<td>Assessment documentation to be incorporated into developing the assessment.</td>
</tr>
<tr>
<td>Touchet River Mile 42.5 Assessment (07-1549 &amp; 07-1527)</td>
<td>Completed</td>
<td>Assessment documentation to be incorporated into developing the assessment.</td>
</tr>
<tr>
<td>WW Subbasin plan</td>
<td>Completed</td>
<td></td>
</tr>
</tbody>
</table>

If previous project did not receive funding, describe how the current proposal differs from the original.

*Please respond to each question individually. Do not summarize your answers collectively in essay format. Local citizen and technical advisory groups will use this information to evaluate your project. **Limit your response to ten pages (single-sided).** You may delete the italicized portion of the questions and inapplicable supplemental questions to shorten the proposal.*

*Submit this proposal as a PRISM attachment titled “Project Proposal.”*  

**NOTE:** *Sponsors of barrier inventory projects should NOT fill out this proposal. They instead should use the Barrier Inventory Project Proposal.*

1. **Project location.** Please describe the geographic location, water bodies, and the location of the project in the watershed, i.e. nearshore, tributary, main stem, off-channel, etc.

   Project Location - The project will focus on the middle and upper Touchet major spawning area (MSA) priority protection and restoration reaches as designated by the Snake River Salmon Recovery Board (SRSRB) for both ESA threatened Mid-Columbia steelhead and Bull Trout (rearing, over-wintering and spawning areas). The assessment and conceptual design will be developed to consider entire watersheds on a ridge top to ridge top approach for stream reaches in the middle and upper Touchet MSA watersheds including, the Touchet River, North Fork Touchet, South Fork Touchet Rivers, Wolf Fork, Whiskey, Coppei & Robinson Fork creeks.
2. **Brief project summary.** *Summarize your project in a few sentences. Please be brief, you will be asked for details in the following questions.*

The project will develop a conceptual restoration plan for distinct project areas that can be implemented to significantly mend habitat conditions for all life stages of ESA listed and other aquatic species within the basin. The assessment will validate existing information, conduct habitat surveys and strengthen the technical understanding of physical characteristics and conditions of the geomorphic processes in the basin in order to identify and prioritize habitat restoration opportunities.

3. **Problems statement.** *Please describe the problems your project seeks to address by answering the following questions.*

   **A. Describe the problem including the source and scale.** *Describe the site, reach, and watershed conditions. Describe how those conditions impact salmon populations. Include current and historic factors important to understanding the problem.*

   Habitat condition and function has been degraded through much of the watershed area that will be included in this assessment. River channel complexity has been reduced through past channel management including channel confinement, removal of snags and clearing of riparian forests. Residential development, recreational and agricultural use in the floodplain has increased channel confinement. This project will provide quantifiable information on the extent of habitat restoration needs and options within the reach so that restoration dollars can be directed toward priority projects.

   Past and current restoration efforts in the basin are often implemented in reaction to flood damage or due to a request for assistance from a landowner. While these approaches have resulted in habitat improvements throughout the watershed, it does not necessarily result in high impact actions in high priority locations. The proposed conceptual design is part of a large effort to guide restoration efforts and funding toward restoring ecosystem function in Walla Walla and Columbia County watersheds. Having this conceptual design completed will aid the District and other entities in directing future funding to ensure high priority projects are implemented.

4. **List the fish resources present at the site and targeted by your project.**

<table>
<thead>
<tr>
<th>Species</th>
<th>Life History Present (egg, juvenile, adult)</th>
<th>Current Population Trend (decline, stable, rising)</th>
<th>Endangered Species Act Coverage (Y/N)</th>
</tr>
</thead>
</table>
5. **Describe the limiting factors, and limiting life stages (by fish species) that your project expects to address.**

In the Touchet River mainstem, the major current limiting factors for steelhead are believed to be sedimentation, habitat diversity, flow, channel stability, and temperature. Secondary limiting factors include predation and a lack of key habitat (primarily pools). The impacts of sedimentation to all life stages of steelhead are believed to be high or extreme below Coppei Creek; sediment impacts to incubation remain high throughout the main stem. Inadequate habitat diversity most likely affects all steelhead life stages to some degree, but the impacts on spawners, fry, and parr are greater than for other life stages. Excessive stream temperatures probably cause a large loss in productivity for steelhead spawners, incubating eggs, and fry in the lower main stem and possibly continue to have strong impacts on incubation through the length of the stream to the forks. Prominent among limiting factors is flow. Increased peak flows have the potential to have high impacts on steelhead fry in virtually every reach, whereas decreased base flows adversely impact sub yearling steelhead in most reaches. While the project will primary focus on steelhead, the project seeks to address similar limiting factors and life states for bull trout and Chinook.

6. **Project goals and objectives.** When answering the questions below please refer to Chapter 4 of the Washington Department of Fish and Wildlife’s “Stream Habitat Restoration Guidelines” for more information on goals and objectives.

   **A. What are your project’s goals?** The goal of your project should be to remedy observed problems, ideally by addressing the problems’ root causes. Your goal statements should articulate desired outcomes (your vision for desired future condition) and what species, life stages, and time of year (if pertinent) will benefit from those outcomes.

The purpose of the proposal (to support an assessment and develop a conceptual restoration strategy) is to put the significant fish-bearing stream reaches in the Touchet MSA watersheds on the same footing as the other priority watersheds within the Middle Columbia region, for purposes of salmon recovery planning and implementation in the State of Washington. Therefore, the goal is to update the geomorphic/watershed assessment, build a prioritized conceptual restoration plan for the identified watersheds and to produce at least conceptual...
reach designs for as much of the project areas identified throughout the project that addresses the current degraded habitat condition and function by increasing channel complexity and confinement, restoration of riparian areas, and implement BMP’s on distinct potential project areas.

B. What are your project's objectives? Objectives support and refine your goals, breaking them down into smaller steps. Objectives are specific, quantifiable actions your project will complete to achieve your stated goal. Each objective should be “SMART:” Specific, Measurable, Achievable, Relevant, and Time-bound.

- Use existing data and support from the current Touchet Geomorphic Assessment while filling in the gaps of information to complete a conceptual restoration plan.
- Develop a citizen work group and work with the Voluntary Stewardship Program’s Watershed Work Group (WWG) to develop working relationships and seek input and feedback on the conceptual restoration plan to make it implementable.
- Coordinate and collaborate amongst local technical partners and landowners throughout the project to assist in scoping and developing the assessment and to provide input and vet project details.
- Develop discrete conceptual habitat restoration plans for middle and upper Touchet MSA stream reaches. The conceptual restoration plan will be used to communicate project concepts that address the identified limiting factors incorporating information that has been gleaned through the assessment process with input from project partners. This plan will include project prioritization for the watersheds identified in this proposal and will provide the basis to move forward to final design and project implementation.

C. What are the assumptions and constraints that could impact whether you achieve your objectives?

There have been previous projects throughout the watershed. With these, geomorphic assessments have been done, but they are not continuous. The lacking LiDAR and assessment gaps may cause a large increase in the funding needed. Because this was a small concern at first, the District thought to ask for additional funds up front. The District may be able to supplement a small gap in funding differences. If additional LiDAR needs to be flown over a large area, then we may have to reduce the project scope.

7. Project details. Please answer the questions below and all pertinent supplemental questions at the end of the application form.
A. **Provide a narrative description of your proposed project.** Describe the specific project elements and explain how they will lead to your project’s objectives. For assessment projects, describe your design and methodology.

We will be seeking a consultant to develop a conceptual design plan for the Touchet MSA. The consultant and the District will be working with local technical staff and landowners to address community concerns and desired outcomes.

Specifically project elements will include:

- The District will host a Pre-Bid Meeting with potential contractors.
- The District will select a Contractor and will meet to finalize project details and the project scope of work.
- The Contractor will review and compile existing geomorphic, habitat, and biological data, including available fish data, analyze the existing LIDAR database for the target watershed with the goal of creating floodplain maps and identifying conceptual design reach segments.
- The Contractor will conduct a hydraulic analysis of the target watershed, and include any hydraulic modeling necessary for the conceptual habitat restoration designs.
- The Contractor will conduct any necessary biological and geomorphic assessment of target reaches.
- The Contractor will conduct a stream assessment for all reaches where existing data is not available or not sufficient. Use direct field observations, photographs and other documentation to quantify and document current stream sediment, wood, and fluvial geomorphic conditions, etc. Stream classification will be used to designate the channel type for the stream reaches of interest. Field reconnaissance, with the aid of aerial photo analysis, historic maps or archival surveys, will be used to identify areas or reaches sensitive to disturbance or potentially responsive to altered hydraulics or sediment loads.
- The Contractor will identify habitat metrics for each of the watersheds based on the limiting factors and preliminary surveys. These metrics may include incision/confinement, levees, bridges, bed type, channel length, bed condition, fines distribution, available spawning habitat, channel complexity (side channel, floodplain connectivity, woody debris, etc.), pools/mile, riparian cover maturity and composition, etc. Woody debris surveys will include an inventory of all large wood in the active stream channel, but may also include surveys of the floodplain and terraces.
(Metrics utilized must be consistent with existing data collected in the region (please confer with Snake River Salmon Recovery Board (SRSRB).)

- The Contractor will develop conceptual restoration designs based upon the geomorphic assessment and available data incorporating feedback from stakeholder groups. Specifically, the conceptual restoration plan will:
  - Develop a graphic informational system (GIS) tool combining LIDAR digital elevation models (DEMs), orthographic images, existing large woody debris (LWD) volumes, etc.
  - Define discrete project reaches with conceptual restoration plans that describe or outline restoration approaches.
  - Include a plan report with design concepts (10% design “cartoons”)

Once the plan is in place, further designs can be done to implement potential projects and enhance the stream corridor and all that it encompasses. This will include addressing issues of sedimentation, temperature, flow and habitat that all currently inhibit the life stages of ESA species.

B. Provide a scope of work.

Columbia Conservation District will be responsible for:

- Advertise /Secure a consultant  (January – March 2017)
- Project/ Contract Management  (December 2016 – December 2019)
- Develop a local technical work group, include the watershed work group from the Voluntary Stewardship Plan (VSP) and the Regional Technical Team (RTT).  (January – March 2017)
- Grant management/ reporting  (twice yearly)

Consultant Responsibilities:

- Review and compile existing data, including geomorphic assessment data, LIDAR, and fish and habitat data, along with any other previously collected data and evaluate project opportunities and identify any data gaps.  (March 2017 – December 2017)
- Perform the required stream and field reconnaissance to fill data gaps.  (March 2017 – March 2018)
Appendix C: Planning and Combination Project Proposal

- Identify restoration options for conceptual designs. This task would comprise meetings with landowners to determine if restoration concepts are agreeable to all involved prior to moving to site surveys and designs. (March 2018 – June 2019)

- Develop and produce a Conceptual Restoration Design Plan (10% design “cartoons”) using existing data and any necessary hydrologic analysis or hydraulic modeling. (June 2019 – December 2019)

C. Explain how you determined your cost estimates.

Our cost estimates were determined from past similar conceptual design project and Lead Entity input from recent like proposals.

D. How have lessons learned from completed projects or monitoring studies informed your project? Sources of results may be from Project Scale Effectiveness Monitoring from TetraTech, individual sponsors, lessons learned from previously implemented projects, Intensively Monitored Watershed results, or other sources.

In 2011, the District completed a conceptual restoration plan on the Tucannon River. With this plan the District and other entities were able to combat multiple limiting factors on priority project areas and enhance the river system as a whole. The results of implementation on prioritized project areas identified in the Tucannon conceptual restoration plan included lower stream temperatures, an increase in habitat structures, and less sedimentation. The Touchet plan will be modeled after the Tucannon plan with local based knowledge and input from stakeholders and landowners.

8. How does your project consider and accommodate the anticipated effects of climate change on salmon recovery?

Through the development of the conceptual design, the project will accommodate for climate change by identifying potential project areas, which once implemented, will improve water quality, flow, sedimentation and temperature. This will increase habitat and overall improve multiple life stages of ESA species.

9. If your project includes an assessment or inventory (NOTE project may extend across a wide area and cover multiple properties).

   A. Describe any previous or ongoing assessment or inventory work in your project’s geographic area and how this project will build upon, rather than duplicate, the completed work.

   This proposal builds upon the Touchet Geomorphic Assessment (2011) which was used as a foundation for characterizing individual geomorphic reaches with the goal
of selecting a preferred implementation reach. The watershed-scale assessment generally focused on:
Channel type, Floodplain and riparian extent, Channel migration or relocation or avulsion, Natural and anthropogenic disturbances, and Stream management activities such as dikes, revetments, dams, land use and infrastructure. This information was used in conjunction with a formal prioritization process to objectively select a preferred Implementation reach for detailed assessment towards restoring concepts. This info also was used to delineate a general Channel Migration Zone (CMZ) for the upper portions of the watershed. This planned approach will prioritize potential project areas and advance towards a preliminary design and then implementation. This crucial step is the corner stone to the next steps.

10. If your project includes developing a design or a feasibility study:

   A. Will a licensed professional engineer design your project?
      Yes

      i. If not, please describe the qualifications of your design team.

11. If your project includes a fish passage or screening design, has your project received a Priority Index (PI) or Screening Priority Index (SPI) number?.

   A. For fish passage design projects:

      i. If you are proposing a culvert or arch, will you use stream simulation, no slope, hydrologic, or other design method? Please describe.

      ii. Describe the amount and quality of habitat made accessible if the barrier is corrected.

      iii. List additional upstream or downstream fish passage barriers, if any.

12. Will you apply for permits as part of this project’s scope?
   No

   A. If not, please explain why and when you will submit permits.

      It is not anticipated any permits will be required for this project.

13. Context within the local recovery plan.

   A. Discuss how this project fits within your regional recovery plan and/or local lead entity’s strategy to restore or protect salmonid habitat (i.e., addresses a priority action, occurs in a priority area, or targets a priority fish species).
This conceptual design plan on the Touchet River system would expand our availability to improve water quality, soil quality, temperature, flows, habitat, fish & wildlife populations and landowner assistance. The Touchet MSA is an area that we do not prioritize in part because of limited funding and the lack of a restoration plan. This plan will enlarge our area of focus and give the District and other entities the opportunity to utilize the plan on the Touchet River system. This will eventually develop and maintain a healthy ecosystem that contributes to the rebuilding of key fish populations by providing abundant, productive, and diverse populations of aquatic species that support the social, cultural, and economic well-being of the communities both within and outside the recovery region. The Touchet MSA has ESA listed steelhead and bull trout, as well as reintroduced fall Chinook and resident rainbow trout.

**B. Explain why it is important to do this project now instead of later. (Consider its sequence relative to other needs in the watershed and the current level and imminence of risk to habitat).**

The Touchet River System is well urbanized and without this conceptual design, the big question of “WHY” should we do work on this stream remains only answered by opinion. The design could prioritize the reaches that need improvement and provide the scientific data to indicate the priority reaches. This needs to happen now rather than later because the stream has sedimentation, temperature, and velocity issues that need to be addressed.

The Voluntary Stewardship Program is just lifting off the ground and with that, they need a Watershed Work Group (WWG) which consists of local landowners and technical assistance providers. The benefit of the WWG with this design plan is the amount of local knowledge and participation that we could use in the development of future restoration plans.

**C. If your project is a part of a larger overall project or strategy, describe the goal of the overall strategy, explain individual sequencing steps, and which of these steps is included in this application for funding. Attach a map in PRISM that illustrates how this project fits into the overall strategy, if relevant.**

The conceptual design is critical. The planned process will develop a priority restoration approach to improve water quality, water quantity and fish and wildlife habitat. With these designs, we could move forward to preliminary designs and implementation of stream enhancement. Not only would ESA listed species benefit, but the wildlife around the stream corridor and the people who reside in the presence of it.

**14. Project proponents and partners. Please answer the following questions about your organization and others involved in the project.**
A. **Describe your experience managing this type of project.** Please describe other projects where you have successfully used a similar approach.

The District has managed the same planning approach in the Tucannon watershed.

B. **List all landowner names.**

This is a large project area covering approximately 198,000 acres and 137 miles of priority stream reaches. Once the plan has been done, and priority project areas have been identified, then landowner acknowledgment forms will be filled out.

C. **List project partners and their roles and contributions to the project.** Attach a Partner Contribution Form (Manual 18, Appendix G) from each partner in PRISM. Refer to Manual 18, Section 3 for when this is required.

Walla Walla County Conservation District: Staff time for expertise and coordination of landowners on stream reaches within Walla Walla County; contribution will be approximately 80 hours.

We also plan to utilize a citizen work group and the Snake River RTT and Snake River Salmon Recovery Board Staff.

D. **Stakeholder outreach.** Discuss whether this project has any opposition or barriers to completion besides funding. Describe your public outreach and feedback you have received. Are there any public safety concerns with the project? How will you address those concerns?

The landowners and participants of the citizen work group and/or Watershed Work Group from VSP will be providing much of the public safety concerns, but this may come at a later date due to priority project areas have not been identified yet.

**Comments**

Use this section to respond to the comments you will receive after your initial site visits and after you submit your final application.

**Response to Site Visit Comments**

Please describe how you’ve responded to the review panel’s initial site visit comments. We recommend that you list each of the review panel’s comments and questions and identify how you have responded. You also may use this space to respond directly to the comments.
Response to Post-Application Comments

Please describe how you’ve responded to the review panel’s post-application comments. We recommend that you list each of the review panel’s comments and questions and identify how you have responded. You also may use this space to respond directly to the comments.
### Design Costs

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**STotal**: $238,072  $200,600  $37,472

### Indirect Costs

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**STotal**: $                      $  

**GTOTAL**: $200,600  $37,472 $