

PROJECT: 22-1016 PLAN, TOUCHET RIVER RANCH FLOODPLAIN&HABITAT DESIGN

Sponsor: Umatilla Confederated Tribes Program: Salmon State Projects Status: Preapplication

Parties to the Agreement

PRIMARY SPONSOR

Confederated Tribes of the Umatilla Indian Reservation

Address 46411 Timine Way

City Pendleton **State** OR **Zip** 97801-9467

Org Type Native American Tribe

Vendor # SWV0015803-01

UBI

Date Org created

Org Notes

[link to Organization profile](#)

Org data updated

SECONDARY SPONSORS

No records to display

LEAD ENTITY

Snake River Salmon Rec Bd LE

QUESTIONS

#1: List project partners and their role and contribution to the project.

BPA-Funding, WA Department of Ecology -Funding pending,
NOAA PACSRF-Funding

External Systems

SPONSOR ASSIGNED INFO

Sponsor-Assigned Project Number

Sponsor-Assigned Regions

EXTERNAL SYSTEM REFERENCE

Source	Project Number	Submitter
HWS	22-1016	AFitzgerald

Project Application Report - 22-1016

Project Contacts

Contact Name Primary Org	Project Role	Work Phone	Work Email
Alice Rubin Rec. and Conserv. Office	Project Manager	(360) 867-8584	alice.rubin@rco.wa.gov
Gerald Middel Umatilla Confederated Tribes	Project Contact	(541) 969-9925	geraldmiddel@ctuir.org
Ali Fitzgerald Snake River Salmon Rec Bd LE	Lead Entity Contact	(509) 382-4115	ali@snakeriverboard.org

Worksites & Properties

Worksite Name

#1 Touchet River Ranch Floodplain&Habitat Design

Planning Property Name

✓ Touchet River Ranch LLC RM 14.2- RM 17.2

Project Application Report - 22-1016

Worksite Map & Description

Worksite #1: Touchet River Ranch Floodplain&Habitat Design

WORKSITE ADDRESS

Street Address 6535/6539 Luckenbill Road
City, State, Zip Walla Walla WA 99362

Worksite Details

Worksite #1: Touchet River Ranch Floodplain&Habitat Design

SITE ACCESS DIRECTIONS

Walla Walla Regional Airport
45 Terminal Loop, Walla Walla, WA 99362

Head southwest toward A St
0.1 mi

Turn right onto A St
443 ft

Turn right to merge onto US-12 W toward Pasco
6.7 mi

Turn right onto Sudbury Rd
10.9 mi

Keep left to continue on Luckenbill Rd
6.5 mi
6539 Luckenbill Rd #6535
Walla Walla, WA 99362

TARGETED ESU SPECIES

Species by ESU	Egg Present	Juvenile Present	Adult Present	Population Trend
Steelhead-Middle Columbia River, Touchet River, Threatened			✓	Unknown
Chinook-unidentified			✓	Unknown

Reference or source used

Washington Department of Fish and Wildlife

TARGETED NON-ESU SPECIES

Species by Non-ESU	Notes
Bull Trout	Migration corridor and winter rearing

Questions

#1: Give street address or road name and mile post for this worksite if available.

6535/6539 Luckenbill Road, Walla Walla WA 99362

Project Application Report - 22-1016

Project Location

RELATED PROJECTS

Projects in PRISM

PRISM Number	Project Name	Current Status	Relationship Type	Notes
--------------	--------------	----------------	-------------------	-------

No related project selected

Related Project Notes

Questions

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

This project is located on the mainstem Touchet River between the towns of Prescott and Touchet in Walla Walla County. The Touchet River is a tributary to the Walla Walla River. The project reach is located in WRIA 32. The coordinates of the upper most part of the project are 46 Degrees 13' 27" N and 118 Degrees 35' 21" W while the coordinates of the downstream limits of the project are 46 Degrees 11' 53" N and 118 Degrees 38' 15" W. This project lies at approximately Touchet River Mile 14.5 to 17.5. The adjacent valley and floodplain area on this 3 mile stretch exceed 250 acres. This region is primary used as commercial agriculture.

#2: How does this project fit within your regional recovery plan and/or local lead entity's strategy to restore or protect salmonid habitat? Cite section and page number.

The proposed project is identified as a priority project in the Snake River Salmon Recovery Plan for SE Washington (2011) and 3-year work plan for which the Board is tasked with implementing as part of the Snake River Salmon Recovery Plan for SE Washington (2011). This stretch of the mainstem Touchet is considered a Priority Migratory Reach by the SRSRB.

This project is also in direct alignment with the Walla Walla Water 2050 plan, led by Ecology, and supports the implementation of the Tier 1.01 top priority strategy identified in the plan to reconnect floodplain and restore channel complexity to reduce flood risk and improve habitat. Additionally, this project also supports the implementation of the Total Maximum Daily Load Water Quality Implementation Plans associated with the Touchet and Walla Walla watersheds.

#3: Is this project part of a larger overall project?

No

#4: Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. [Aquatic Districts and Managers](#)

No

Property Details

Property: Touchet River Ranch LLC RM 14.2- RM 17.2 (Worksite #1: Touchet River Ranch Floodplain&Habitat Design)

✓ Planning

LANDOWNER

Name John and Susan Gailey
Address 6535/6539 Luckenbill Road

CONTROL & TENURE

Instrument Type Easement - Permanent
Timing Proposed

Project Application Report - 22-1016

City Walla Walla
State WA Zip 99362
Type Private

Term Length Perpetuity
Yrs
Expiration Date
Note

Project Proposal

Project Description

The CTUIR intends to sponsor a design project on the mainstem Touchet River. The design will focus on a 3 mile stretch of the mainstem channel. The 3 mile stretch runs from RM 14.2 to 17.2 in Walla Walla County. The overall goal of this project phase is to create a 100% engineered stamped peer-reviewed design that will lead to a instream restoration project. We anticipate the design will set the stage for a processed based restoration project consistent with the CTUIR River Vision. As such the design will focus on reconnecting floodplain as well as restoring fish habitat primarily by adding instream diversity where it is now absent. Mid-Columbia steelhead, bull trout and re-introduced Chinook salmon all migrate through this reach and spend part of there adult and juvenile life there. This project will improve the conditions in the river for these species as well for other aquatic species of interest to the Tribes like lamprey and fresh water mussels.

Project Questions

#1: Problem statement. What are the problems your project seeks to address? Include the source and scale of each problem. Describe the site, reach, and watershed conditions. Describe how those conditions impact salmon populations. Include current and historic factors important to understand the problems.

The mainstem Touchet River is a significant tributary to the Walla Walla River. The Walla Walla River sub-basin, including the Touchet River, supports ESA-listed mid-Columbia steelhead (*Oncorhynchus mykiss*), reintroduced spring Chinook Salmon (*O. tshawytscha*), and ESA-listed Bull Trout (*Salvelinus confluentus*), as well as other native fish assemblages important to the Tribes and the overall health of the river like lamprey. Each of these species migrate through the mainstem Touchet to arrive at their respective spawning areas. To promote longitudinal connectivity, water quality, and habitat improvements along this important migratory corridor, the mainstem Touchet River is ranked as a Migration Corridor Priority Reach by the Snake River Salmon Recovery Board (2022).

The mainstem Touchet dissects economically important agricultural lands. Historical and contemporary agricultural practices have created problems in the river for fish that need to be resolved. The river has been straightened, leveed, over-allocated, and deeply incised throughout its length. Essentially, the river acts as a fire hose and at higher flows thrust fish out of the reach. There is little habitat cover or pools that act as refugia. We are describing one long cobble dominated riffle void of instream habitat.

In addition, the majority of the mainstem Touchet runs through private lands. It is exceedingly difficult to find private landowners who are willing to cooperate with floodplain and fish habitat restoration work. In this instance we have found a three mile stretch of the mainstem Touchet owned solely by Touchet River Ranch, LLC.

Although this application only seeks partial funding for the design stage of the project, it is important to point out the overall vision for the river here. The overall project has four main components.

1. Complete a 100% design for the project reach (this application's immediate goal).
2. Create a 175 acre floodplain permanent conservation easement (to be funded by the Tribes).
3. Dry up 20 acres of currently irrigated farmland and put the water back instream (water rights acquisition to be funded by Tribes).
4. Implement the 100% engineered stamped project design by restoring fish habitat and floodplain connectivity (restoration funding to be determined).

When completed this project will contribute to a riverine system which is shaped and maintained by the dynamic interactions and interconnections of its physical and biological processes. The proposed restoration actions will be tied to the CTUIR's River Vision in that they directly address and enhance the interconnected nature of the Vision's five primary touchstones: hydrology, geomorphology, connectivity, riparian community, and aquatic biota.

Project Application Report - 22-1016

#2: Describe the limiting factors, and/or ecological concerns, and limiting life stages (by fish species) that your project expects to address.

Within the mainstem Touchet River the primary limiting factors for steelhead and other salmonids include sedimentation, habitat diversity, flow, channel stability and temperature (SRSRB Recovery Plan for SE Washington, 2011). Secondary limiting factors include predation and a lack of key habitat. The Recovery Plan considers restoration in the mainstem Touchet a high priority. This project reach has been identified in the Snake River Salmon Recovery Board's Three Year Plan (2022) as a high priority for restoration because it is a major migration corridor for steelhead, Bull trout and potentially Chinook salmon. Chinook were extirpated from the Touchet and Walla Walla Rivers in the 1920s. However, from 2015-2018 the Umatilla Tribes and WDFW partnered to release 360 adult pairs of chinook into the upper Touchet and beginning in 2020 250k spring Chinook hatchery smolts into the upper Touchet. Another 250k smolts will be released in 2022.

Additionally, CTUIR has identified the Touchet river as a restoration site for lamprey because the ecological importance of lamprey to a full functioning river system. Lampreys provide ecosystem services such as larvae filtering of nutrients and moving those up through the food web, larvae are also a food source for other fish. Additionally, returning adult lamprey provide important marine derived nutrients back to streams that other teleosts need, and the Touchet river once supported a harvestable and sustainable run of lamprey. This river was relied upon as a source for tribal people to harvest First Foods. Currently, the Touchet sustains a resident species of lamprey, the Western Brook. The life history requirements of Western Brook and Pacific lampreys are very similar for a large portion of their life cycle. Knowing the W.brook is still functioning in the basin provides support that re-introduction of Pacific lamprey is quite feasible in the mainstem Touchet.

Our overall proposal is consistent in addressing concerns and problems with the river described by the CTUIR, WDFW, SRSRB and WA DOE.

#3: What are the project goals? The goal of the project should be to solve identified problems by addressing the root causes. Then clearly state the desired future condition. Include which species and life stages will benefit from the outcome, and the time of year the benefits will be realized. **Example Goals and Objectives**

The goal is to create a 100% engineer stamped design that addresses the Primary Limiting Factors identified for the Touchet in the 2008 Fish Accords, incorporating the primary touchstones described in the 2005 Umatilla River Vision, and consistency with the Mid-Columbia Recovery Plan and the Walla Walla Subbasin Plan, and the Walla Walla 2050 Strategic Plan. The Walla Walla Water 2050 Strategic Plan lays out a list of desired future conditions for waterways in the Walla Walla Watershed. The desired future conditions (DFCs) are as follows:

1. Increasing access to quality habitat;
2. Restoring degraded habitat;
3. Restoring floodplain and reducing flood risk;
4. Improving water quality;
5. Providing water for fisheries;
6. Stabilizing aquifers;
7. Increasing floodplain management;
8. Improving quality of life in the basin.

Ecology's WW Water 2050 Plan also states that efforts be made to, "reconnect floodplain and restore channel complexity basin wide to reduce flood risk and improve habitat".

Our designs will be tailored to specifically meet the DFCs listed above.

Mid-Columbia steelhead juveniles and adults will benefit from this project. Juveniles (fry) rear in this reach of the river year round while adults migration of steelhead occurs from December to June. Adult Bull trout migrate through this reach in May and June, Chinook juveniles rear in this reach year round while adults Migrate through the reach in May and June. Source: Stillwater Ecological Flow Report (2013).

Project Application Report - 22-1016

#4: What are the project objectives? Objectives support and refine biological goals, breaking them down into smaller steps. Objectives are specific, quantifiable actions the project will complete to achieve the stated goal. Each objective should be SMART (Specific, Measurable, Achievable, Relevant, and Time-bound). **Example Goals and Objectives**

The primary objective is to create a 100% design and construction documents within one year of funding that will, when implemented, enhance habitat for native fish and wildlife by facilitating more natural ecosystem function throughout the site.

Specifically, the implementation phase will include:

1. adding approximately 24 engineered log jams and 300 single log structures to provide habitat cover for juvenile steelhead and Chinook; these jams will also work to create pools and aggrade the channel.
2. reconnect some 175 acres of currently disconnected floodplain at the 2 year reoccurrence flow by aggrading the channel and strategically removing portions of the levee ; this action will directly benefit juvenile rearing steelhead and Chinook salmon.
3. creating at least two pilot side channels that will tally over two miles in length to improve refugia for rearing steelhead and Chinook salmon.

The designs will be evaluated at the 15%, 30% (conceptual) 60% (preliminary) and 90% (final) stage by at least two technical teams; one team from BPA and one team from SRFB. The review process will be iterative. CTUIR will facilitate the engineers design proposal with the technical teams comments to ensure all parties agree on a particular concept before proceeding. The design package will also require the submission to the review teams of a basis of design report.

#5: Scope of work and deliverables. Provide a detailed description of each project task/element. With each task/element, identify who will be responsible for each, what the deliverables will be, and the schedule for completion.

The complete design package will include the conceptual, preliminary and final designs.

The conceptual design stage describes the project site within the context of salmon recovery. It identifies specific goals and objectives for addressing the problem(s) and identification of alternatives for achieving the project objectives. The plan view drawing includes: an area/location map; property boundaries (either surveyed or approximated based on assessor's data); landownership; roads or other infrastructure as appropriate; scale; north arrow; water bodies and direction of flow; bank-full width; and approximate dimensions of proposed elements; evaluation and discussion of stakeholder comments and the pros and cons of each alternative; selection of the preferred alternative(s); and a rough construction cost estimate of the preferred alternative(s).

The preliminary design includes: surveyed site plans; conducting field investigations of hydrologic, geotechnical, and other site conditions; conducting data analysis; preparing drawings and designs; preparing the design report; and preparing engineering cost estimates. Preliminary designs will describe all proposed project elements in sufficient detail for permit review.

The final project design converts the preliminary design drawings and report into a stand-alone and comprehensive set of final design drawings and technical specifications for project construction. The final project design will incorporate comments provided by all stakeholders.

The engineering firm hired through the competitive bid process will be responsible for creating all design elements at each stage. CTUIR will be responsible for reviewing the designs prior to the BPA and SRFB technical team reviews. CTUIR will also take responsibility to ensure that the technical team's comments are addressed by the engineering team. The schedule for this project is tentative. Kick off June 2022 with matching funds; Conceptual Design Stage due September 31, 2022, Preliminary Design Stage due December 31, 2022 and the Final designs due March 31, 2023.

#6: What are the assumptions and physical constraints that could impact whether you achieve your objectives? Assumptions and constraints are external conditions that are not under the direct control of the project, but directly impact the outcome of the project. These may include ecological and geomorphic factors, land use constraints, public acceptance of the project, delays, or other factors. How will you address these issues if they arise?

The immediate first phase of this application is the design project phase. The most easily identifiable constraint currently is getting the funding to proceed. Although the project is on private land, the landowners have already entered into a 10 year agreement with the Tribes by way of a signed and notarized Riparian Conservation Agreement. I have attached the agreement to this application.

#7: How have lessons learned from completed projects or monitoring studies informed this project?

We just completed a 3 year long 3 mile long project on the North Touchet that was funded in part by the SRFB. The lessons learned from those projects are varied and they do not all apply to this project. Perhaps one important lesson learned is to look into the flexibility of the engineer. At times, we found our last engineer a bit intransigent when it came to making changes to their design. Next time, we will include during the interview hiring process that the chosen firm answers questions positively about making design changes to accommodate the technical teams request.

Project Application Report - 22-1016

#8: Describe the alternatives considered and why the preferred was chosen.

Throughout the design process, and at each critical design phase, we will robustly review all possible design alternatives. The design alternatives whether selected as the design alternative or not will be thoroughly discussed in the Basis of Design Report.

#9: How were stakeholders consulted in the development of this project? Identify the stakeholders, their concerns or feedback, and how those concerns were addressed.

SRSRB was contacted about this project early on. SRSRB staff took a tour of the site and determined the project had merit and should be pursued. WDFW was contacted about this project. WDFW staff determined the project had merit and should be pursued. CTUIR has revived and given the go-ahead to pursue the project. We have engaged with the landowners over a couple of years now, and they are eager to get this project on the ground.

Going forward, we will continue to engage all stakeholders and partners on a regular basis. For example, at each stage of the design process, we will engage with the landowners and present our preferred alternative and obtain landowner buyoff in addition to tech panel buyoff before proceeding to next design stage.

#10: Does your project address or accommodate the anticipated effects of climate change?

Yes

#10a: How will your project be climate resilient given future conditions?

Beechie et al. (2013) found that restoring floodplain connectivity, restoring streamflow regimes, and re-aggrading incised channels are most likely to ameliorate streamflow and temperature changes associated with climate change, thereby increasing salmonid habitat diversity and population resilience. Actions we propose in this project seek to restore floodplain connectivity and aggrade incised channels, thereby restoring streamflow regimes closer to unadulterated conditions, and improving ecosystem resilience to climate change. Reconnecting and/or creating side-channels, removing and/or setting back levees, and re-meandering straightened channels can buffer peak flow increases by storing flood water and reducing flood peaks (Sparks et al. 1998; McAlister et al. 2000). These actions can also increase the variability of velocity and increase thermal refugia (Sommer et al. 2001; Morley et al., 2005; Jefferes et al., 2008; Poole et al., 2008).

#10b: How will your project increase habitat and species adaptability?

This project will restore fish habitat and reconnect the floodplain. Floodplains increase the residence time of water, wood, & nutrients in a system. Rather than being flushed out at periods of high flows, rivers with connected floodplains retain water for a longer time, and store wood and nutrients. Connected floodplains have greater habitat complexity due to deposition, accumulation of inputs, and increased residence times. Connected floodplains can have a greater density of periphyton and benthic invertebrates. Salmon habitat use can be greater in connected floodplains. Out migrating salmon can have a better condition factor in rivers with connected floodplains. Rivers with connected floodplains can have a larger abundance of salmonids. Connected floodplains result in reduced flood-risk during peak flows, result in attenuating changes to stream temperature, result in enhancing low flows and connected floodplains are a logical restoration tool due to changing climatic conditions.

Project Application Report - 22-1016

#11: Describe the sponsor's experience managing this type of project. Describe other projects where the sponsor has successfully used a similar approach.

Staff for this project includes at least 5 CTUIR full time employees; Jerry Middel, Ethan Green, Morgan Clay, Anton Chiono, Julie Burke and James Hudson. Jerry Middel will be the lead project manager for this project. He will be supported by the remainder of the staff on an as needed basis. This staffing arrangement has been approved the CTUIR Fisheries Habitat Manager Mike Lambert (contact MikeLambert@ctuir.org) .

Jerry Middel leads habitat restoration efforts in the Touchet portion of the Walla Walla sub basin for the CTUIR. Jerry has over 30 years' experience working in natural resources in both the private and public sectors from SE Alaska to the North Cascades and the Blue Mountains of southeastern Washington. Jerry holds a master's of science degree in Environmental Studies and a Bachelor's degree in Biology.

We would like to point out that the staff included here just completed a 3 mile, 3 yearlong \$4 million dollar project on the North Touchet River.

#12: Will veterans (including the veterans conservation corps) be involved in the project? If yes, please describe.

No

Project Application Report - 22-1016

Planning Supplemental

#1: Is the project an assessment / inventory?

No

#2: Is your project a Barrier / Screening Diversion Inventory Project?

No

#3: Is this a fish passage design / screening design project?

No

#4: Will the project develop a design?

Yes

#4a: Will a licensed professional engineer design of the project?

Yes

#4b: Will you apply for permits as part of the project scope?

No

Planning Metrics

Worksite: Touchet River Ranch Floodplain&Habitat Design (#1)

Area Encompassed (acres) (B.0.b.1)	175.0
Miles of Stream and/or Shoreline Affected (B.0.b.2)	3.00

DESIGN FOR SALMON RESTORATION

Final design and permitting (B.1.b.11.a RCO)

Total cost for Final design and permitting	\$171,000
--	-----------

Project Identified in a Plan or Watershed Assessment. (1221) (B.1.b.11.a) Snake River salmon Recovery Board 3 year Plan. Washington State Conservation Commission 2001 WRIA 32 WW Report. WA DOE The Walla Walla Water 2050 Strategic Plan

Priority in Recovery Plan (1223) (B.1.b.11.b)	Priority Migration Corridor (SRSRB 2022).
---	---

Overall Project Metrics

COMPLETION DATE

Projected date of completion	04/15/2023
------------------------------	------------

Planning Cost Estimates

Worksite #1: Touchet River Ranch Floodplain&Habitat Design

Category	Work Type	Estimated Cost	Note
Design for Salmon restoration	Final design and permitting (B.1.b.11.a RCO)	\$171,000	
	Subtotal:	\$171,000	
	Total Estimate For Worksite:	\$171,000	

Summary

Project Application Report - 22-1016

Total Estimated Costs:	\$171,000
Total Estimated Planning Costs:	\$171,000

Project Application Report - 22-1016

Cost Summary

	Estimated Cost	Project %	Admin/AA&E %
<u>Planning Costs</u>			
Planning	\$171,000		
SUBTOTAL	\$171,000	100.00 %	
Total Cost Estimate	\$171,000	100.00 %	

Funding Request and Match

FUNDING PROGRAM

Salmon State Projects	\$121,000	70.76 %
-----------------------	-----------	---------

SPONSOR MATCH

Other Monetary Funding	Grant - Other		
Amount			\$50,000.00
Funding Organization			National Oceanic and Atmospheric Administration - Fisheries (NOAA)
Grant Program			PACSRF
	Match Total:	\$50,000	29.24 %
	Total Funding Request (Funding + Match):	\$171,000	100.00 %

Questions

#1: Explain how you determined the cost estimates

We primarily used information obtained during a similar project on a three mile long reach in WRIA 32 on the North Touchet River which was conducted between 2019 and 2021 as a cost basis for this proposal. The project was similar in scope in several ways; it required a robust peer reviewed design by a WA State Professional Engineer. We added 5% to those cost for this estimate.

Cultural Resources

Worksite #1: Touchet River Ranch Floodplain&Habitat Design

#1: Describe any planned ground disturbing pre-construction/restoration work. This includes geo-technical investigation, fencing, demolition, decommissioning roads, etc.

None

#2: Describe the existing project area conditions. The description should include existing conditions, current and historic land uses and previous excavation/fill (if depths and extent is known, please describe).

The project area is the mainstem Touchet River and the adjacent riparian area and farmland. There are no buildings or structures within the project area.

#3: Will a federal permit be required to complete the scope of work on the project areas located within this worksite?

No

#4: Are you utilizing Federal Funding to complete the scope of work? This includes funds that are being shown as match or not.

Yes

Project Application Report - 22-1016

#4a: Please list the federal agency and funding sources.

BPA Accords

#4b: Does the federal funding you are utilizing as match require you to receive state funding?

No

#5: Do you have knowledge of any previous cultural resource review within the project boundaries during the past 10 years?

No

#6: Are there any structures over 45 years of age within this worksite? This includes structures such as buildings, tidelgates, dikes, residential structures, bridges, rail grades, park infrastructure, etc.

No

Project Permits

Permits and Reviews	Issuing Organization	Applied Date	Received Date	Expiration Date	Permit #
None - No permits Required					

Project Application Report - 22-1016

Attachments

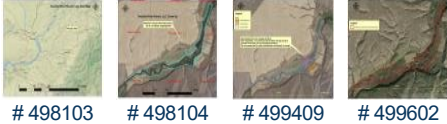
Required Attachments

3 out of 6 done

- Applicant Resolution/Authorizations
- Cost Estimate ✓
- Landowner acknowledgement form
- Map: Planning Area ✓
- Photo ✓
- RCO Fiscal Data Collection Sheet

PHOTOS (JPG, GIF)

Photos (JPG, GIF)



PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	02/07/2022	Photo	Aerial_Photo_2019.jpg	GeraldM	Aerial_Photo_2019.jpg, 499602	✓
	02/03/2022	Photo	CE_MAP WITH DRY_AREAS.jpg	GeraldM	CE_MAP WITH DRY_AREAS.jpg, 499409	✓
	02/03/2022	Cost Estimate	SAL-CostEstimate_TouchetRiverRanch.xlsx	GeraldM	SAL-CostEstimate_TouchetRiverRanch.xlsx, 499408	✓
	02/02/2022	Agreements - Special	Notice of Conservation Agreement Touchet River Ranch LLC 1.2	GeraldM	Notice of Conservation Agreement Touchet River Ranch LLC 1.25.2022.pdf, 499209	✓
	02/02/2022	Agreements - Special	RCA Touchet River Ranch 1.25.2022.pdf	GeraldM	RCA Touchet River Ranch 1.25.2022.pdf, 499205	✓
	01/27/2022	Visuals	CE_100yr Inundation_1to12,000.pdf	GeraldM	CE_100yr Inundation_1to12,000.pdf, 498668	✓
	01/27/2022	Visuals	CE_10yr Inundation_1to12,000.pdf	GeraldM	CE_10yr Inundation_1to12,000.pdf, 498667	✓
	01/27/2022	Visuals	CE_2yr Inundation_1to12,000.pdf	GeraldM	CE_2yr Inundation_1to12,000.pdf, 498665	✓
	01/20/2022	Map: Planning Area	CloseUP_TouchetRiverRanch.jpg	GeraldM	CloseUP_TouchetRiverRanch.jpg, 498104	✓
	01/20/2022	Map: Multi-site and geographic envelope	AreaMap_TouchetRiverRaNCH.jpg	GeraldM	AreaMap_TouchetRiverRaNCH.jpg, 498103	✓
	01/20/2022	Map: Area of Potential Effect (APE)	APE_Bounds.zip	GeraldM	APE_Bounds.zip, 498102 Worksite #1: Touchet River Ranch Floodplain&Habitat Design	✓

Application Status

Application Due Date: 06/27/2022

Status Name	Status Date	Submitted By	Submission Notes
Preapplication	01/03/2022		

I certify that to the best of my knowledge, the information in this application is true and correct. Further, all application requirements due on the application due date have been fully completed to the best of my ability. I understand that if this application is found to be incomplete, it will be rejected by RCO. I understand that I may be required to submit additional documents before evaluation or approval of this project and I agree to provide them.



Umatilla Confederated Tribes; Touchet River Ranch Floodplain&Habitat Design (#22-1016)

Attachment #500061, IMG_0376.JPG

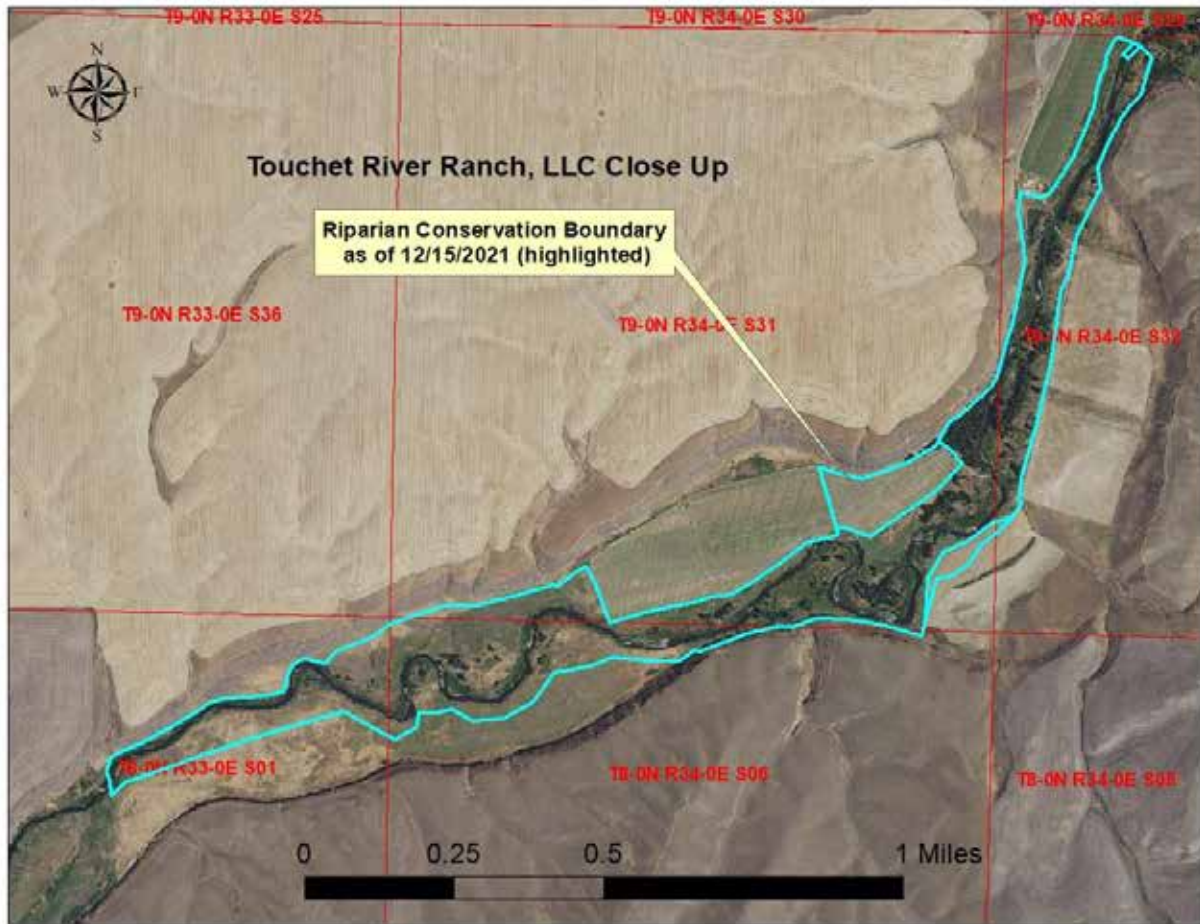


Umatilla Confederated Tribes; Touchet River Ranch Floodplain&Habitat Design (#22-1016)
Attachment #500059, IMG_0368.JPG



Umatilla Confederated Tribes, Touchet River Ranch Floodplain&Habitat Design (#22-1016)

Attachment #500960, MG_0308.JPG



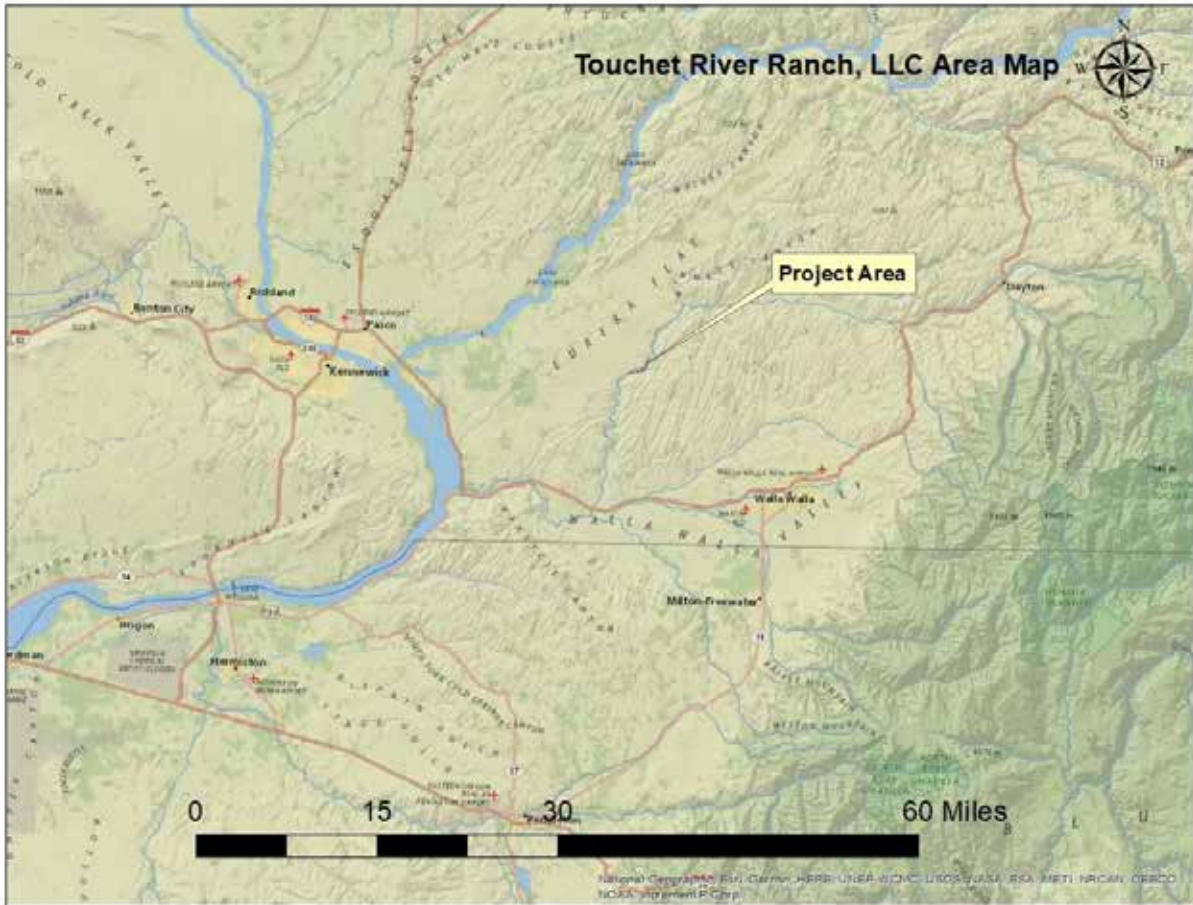
Umatilla Confederated Tribes; Touchet River Ranch Floodplain&Habitat Design (#22-1016)

Attachment #498104, CloseUP_TouchetRiverRanch.jpg



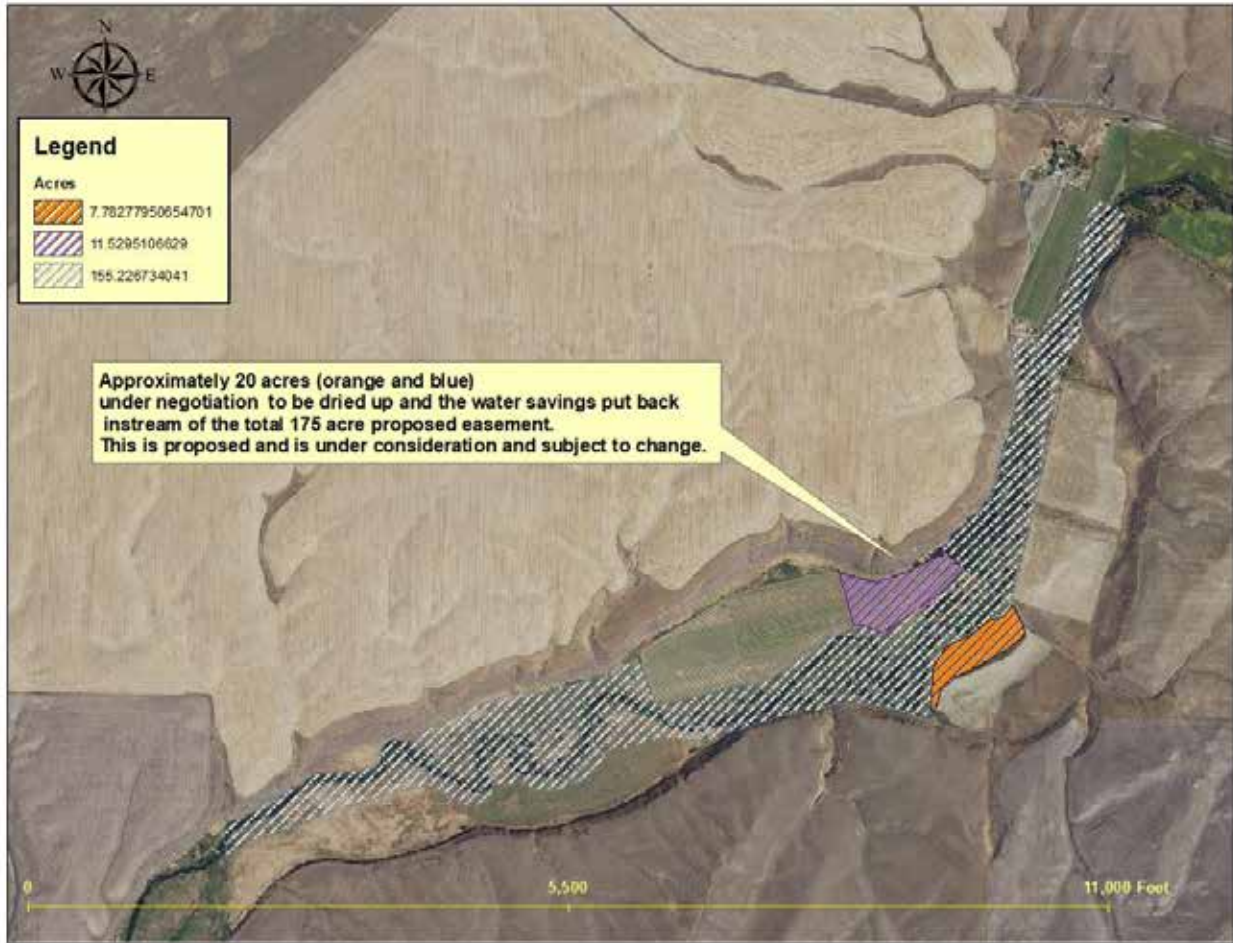
Umatilla Confederated Tribes; Touchet River Ranch Floodplain&Habitat Design (#22-1016)

Attachment #499602, Aerial_Photo_2019.jpg



Umatilla Confederated Tribes; Touchet River Ranch Floodplain&Habitat Design (#22-1016)

Attachment #498103, AreaMap_TouchetRiverRaNCH.jpg



Umatilla Confederated Tribes; Touchet River Ranch Floodplain&Habitat Design (#22-1016)

Attachment #499409, CE_MAP WITH DRY_AREAS.jpg

