



Vision, Goals, and Objectives

Tucannon River, Project Area 5-15 Assessment and Conceptual Design Project, within Wooten Wildlife Area

Co-Managers: Confederated Tribes of the Umatilla Indian Reservation, Nez Perce Tribe, and Washington Department of Fish and Wildlife

Vision

Restore physical and ecological floodplain function to benefit key fish and aquatic species, while broadening and enhancing recreational opportunities, through coordinated planning and conceptual restoration designs for the floodplain and adjacent lands of Wooten Wildlife Area.

Goals

1. Assess the impacts of floodplain confining infrastructure on listed salmonids habitat, as well as other aquatic species.
2. Identify management needs and potential alternatives for each of the Tucannon Lakes.
3. Develop an assessment and accompanying conceptual designs to prioritize the restoration of physical and ecological functions of the river, floodplain, and riparian habitats.
4. Restoration actions will maximize recovery potential for ESA-listed spring Chinook, summer steelhead, and bull trout on the Tucannon River.
5. Restoration actions will account for the multi-use nature of the project area.
6. Prioritized conceptual designs will provide direction to the co-managers for implementation of restoration construction projects.

Objectives

1. Consider alternatives and plans for the lake areas including lake modification, relocation, or removal.
2. Conduct analyses of geomorphology, riparian vegetation, and connectivity.
3. Conduct analyses of fishery and productivity modeling.
4. Conduct analyses of climate change effects on hydrology and water quality.
5. Conduct a Lakes Management Assessment (dam safety, maintenance, spoils management, and intake/outlets).
6. Use new analyses and assessments to fill remaining data gaps and inform prioritization and conceptual designs.
7. Identify metrics and criteria that address the critical path items in implementing restoration.
8. Identify limiting factors and processes for ecosystem recovery and restoration that are tied to River Vision touchstones.
9. Identify connections to Upland Vision touchstones.
10. Identify estimates of potential ecosystem and fish productivity uplift (relative to cost) for restoration actions.
11. Identify potential scale of actions and their respective benefits.
12. Identify potential actions that would increase safety/reduce maintenance costs.
13. Identify recreational use benefits.
14. Develop lists of recommended actions by Project Area.
15. Restoration actions will work to improve floodplain habitat conditions by decreasing floodplain confinement and increasing overbank inundation frequency.
16. Restoration actions will enhance existing fishing, hunting, camping, wildlife viewing and other recreational activities.
17. Conceptual designs will identify multi-use floodplain improvements to increase floodplain availability.
18. Restoration actions will benefit all salmonid life stages but will specifically focus on egg-to-fry, juvenile rearing, and adult spawning life stages of ESA-listed salmon species.

Goals

Objectives	Assess the impacts of floodplain confining infrastructure on listed salmonids habitat, as well as other aquatic species.	Identify management needs and potential alternatives for each of the Tucannon Lakes	Assessments and conceptual designs will prioritize the restoration of physical and ecological functions.	Restoration actions will maximize recovery potential for ESA-listed spring Chinook, summer steelhead, and bull trout on the Tucannon River.	Prioritized restoration actions will account for the multi-use nature of the project area.	Conceptual designs will provide direction to the co-managers for implementation of future restoration construction projects.
Consider alternatives and plans for the lake areas including lake modification, relocation, or removal.	2	3	1	1	3	2
Conduct analyses of geomorphology, riparian vegetation, and connectivity.	2	1	3	2	1	1
Conduct analyses of fishery and productivity modeling.	1	1	1	3	1	1
Conduct analyses of climate change effects on hydrology and water quality.	1	1	2	3	1	2
Conduct a Lakes Management Assessment (dam safety, maintenance, spoils management, and intake/outlets).	2	3	1	1	2	2
Use new analyses and assessments to fill remaining data gaps and inform prioritization and conceptual designs.	1	1	2	2	3	3
Identify metrics and criteria that address the critical path items in implementing restoration.	1	1	2	2	2	3
Identify limiting factors and processes for ecosystem recovery and restoration that are tied to River Vision touchstones	2	2	3	3	2	2
Identify connections to Upland Vision touchstones.	1	1	2	1	2	1
Identify estimates of potential ecosystem and fish productivity uplift (relative to cost) for restoration actions.	1	1	2	3	1	1
Identify potential scale of actions and their respective benefits.	1	1	2	2	1	3
Identify potential actions that would increase safety/reduce maintenance costs.	3	3	1	1	2	3
Identify recreational use benefits.	1	2	1	1	3	2
Develop lists of recommended actions by Project Area.	1	1	2	2	2	1
Restoration actions will work to improve floodplain habitat conditions by decreasing floodplain confinement and increasing overbank inundation frequency.	2	1	3	2	1	1
Restoration actions will enhance existing fishing, hunting, camping, wildlife viewing and other recreational activities.	1	2	1	1	3	3
Conceptual designs will identify multi-use floodplain improvements to increase floodplain availability.	3	1	3	1	1	2
Restoration actions will benefit all salmonid life stages but will specifically focus on egg-to-fry, juvenile rearing, and adult spawning life stages of ESA-listed salmon species.	2	1	1	3	1	2

KEY Major Emphasis 3 Moderate Emphasis 2 Minor Emphasis 1