



Project Information:

Project Title: Roza Diversion Dam Adult Fish Collection Facility Sediment Removal

Date: 10/29/2024 **Office:** Yakima Field Office

Proposed Action: Reclamation proposes to excavate up to 4,445 cubic yards of accumulated sediment adjacent to the Adult Fish Trapping and Monitoring Facility Sediment Removal within the Roza Pool (Yakima River) at the Roza Diversion Dam.

Location: Township 15 North, Range 19 East, Sections 28 and 33 (46.749976, -120.465056)

Exclusion Category Part 516 Chapter 14

C(1) - Minor construction activities associated with authorized projects which correct unsatisfactory environmental conditions or which merely augment or supplement, or are enclosed within existing facilities.

D(1) - Maintenance, rehabilitation, and replacement of existing facilities which may involve a minor change in size, location, and/or operation.

Background, Maps, Sketches, Drawings:

Roza Diversion Dam (Roza Dam) is located on the Yakima River (river mile 127.9) approximately 12-miles north of Yakima, Washington. Roza Dam has two fish ladders, a primary and secondary fish screening facility, a pumpback pump facility that is used periodically to capture fish bypass water for delivery into the Roza Canal, and an adult fish trapping and monitoring facility (Adult Trapping Facility) that is operated by the Confederated Tribes of the Yakama Nation (Yakama Nation). The Roza Pool (Yakima River) is drawn down to minimum levels during mid-October through November for annual facility maintenance. During the annual pool drawdown, a large sediment depositional area on the left bank becomes exposed and interferes with the ability for salmonids and steelhead to freely migrate back to the deeper parts of the Roza Pool to allow adult salmonids to return to the Yakima River after being processed through the Adult Trapping Facility. Reclamation is responsible for ensuring that fish passage remains open and functioning properly during the maintenance period. Without continual sediment removal, physical damage could occur to adult fish as they are returned to the Yakima River from the Trapping Facility via stranding, migration delays, predation and increased stress. Documented sediment removal has occurred frequently within the project area during the past 30 years. Washington Department of Fish and Wildlife (WDFW) last issued a Hydraulic Project Concurrence to the Yakama Nation approving sediment removal within the proposed project area on October 26, 2014.

Reclamation is proposing to excavate up to 4,445 cubic yards of sediment within 0.23-acre (100-foot-length/100-foot-width/12-foot-depth) below the ordinary high water mark (OHWM) of the Roza Pool (100 linear feet) within the following latitude/longitude coordinates:

- Northwest corner: 46.7501207, -120.4653605
- Northeast corner: 46.7501207, -120.4649610
- Southeast corner: 46.7498427, -120.4649610
- Southwest corner: 46.7498427, -120.4653605

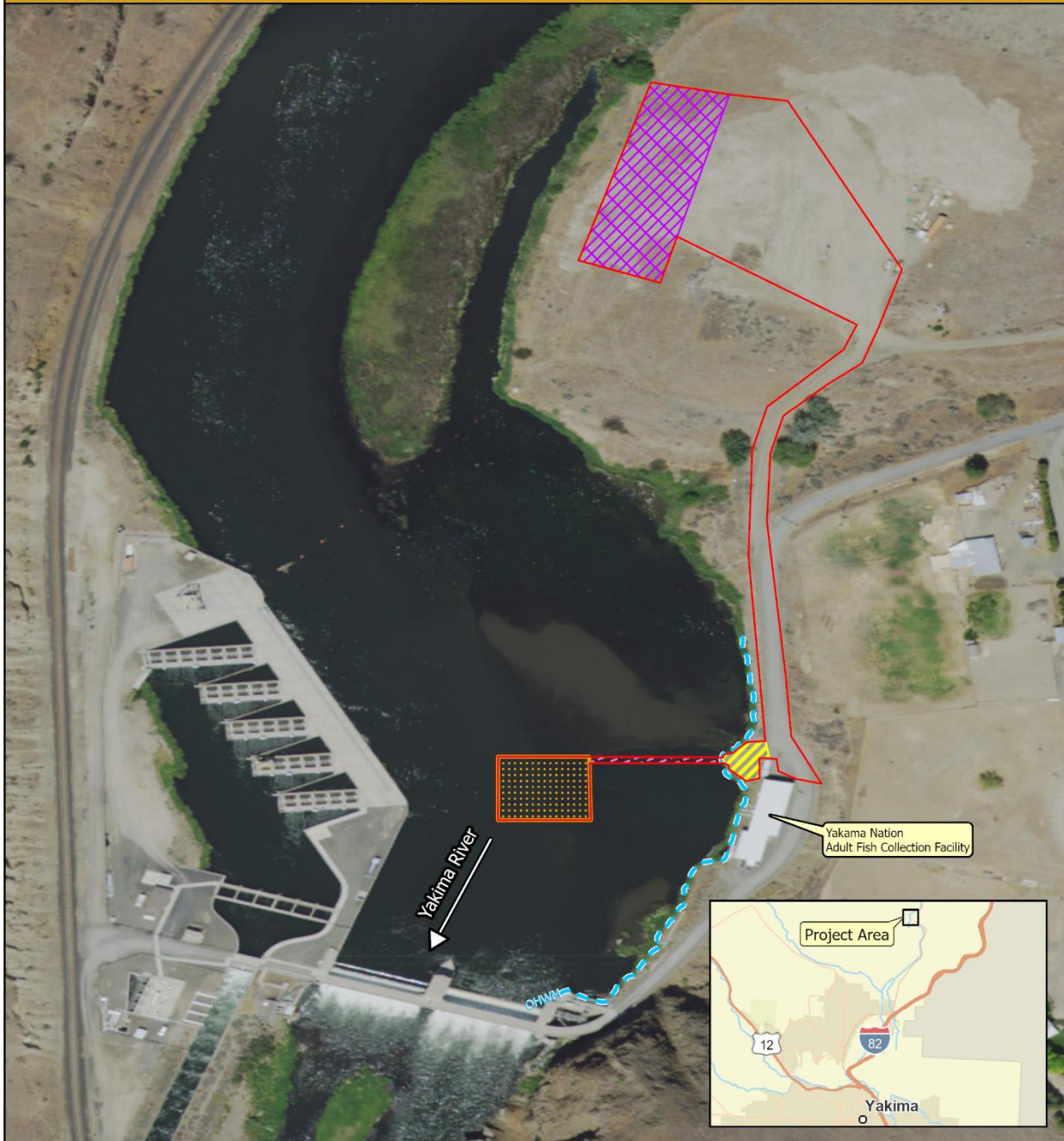
Phase 1 of the proposed work would occur from November 1, 2024 to November 23, 2024 and Phase 2 of the proposed work would occur from February 7, 2025 to February 14, 2025 during the Roza Pool drawdown period, when the majority of the project area would be dry. The use of a crane to conduct the sediment removal would not be feasible due to the inability to reach the central portion of the Roza Pool where excavation would occur. Sediment removal would instead be



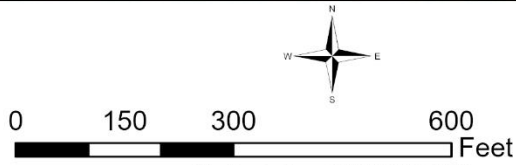
performed by an excavator equipped with biofluids. Wetland mats composed of 6-inch by 12-inch wooden beams would be temporarily placed from the riverbank to the dredge surface to allow access for the excavator. The excavator would perform the dredging and deposit the excavated sediment into a dump truck staged on the adjacent existing gravel roadway (latitude/longitude: 46.7501085, -120.4643563). The majority of the excavation would occur in areas above the wetted margin of the Roza Pool (Yakima River). It is anticipated that only a few in-water excavation scoops would occur to remove sediment, thereby limiting the potential for turbidity. Site access would occur from the existing dam access road.

Lampreys are expected to occur within approximately the top 6-inches of the sediment within the excavation area. Reclamation staff and/or Yakama Nation Fisheries staff would conduct fish (lamprey) salvage prior to excavation within the dewatered area. If lampreys are present in low density, fish salvage would proceed within the excavation prism and is expected to occur over several hours. If lampreys are present in high density, the top 6-inches of sediment within the excavation prism would be excavated and loaded into a dump truck to conduct fish salvage at the upland sediment disposal area (central latitude/longitude: 46.75264, -120.464674) located on Reclamation property approximately 0.20-mile north of the excavation area. Following fish salvage, the remainder of the excavated sediment would be hauled to the designated 0.64-acre disposal area.

No permanent discharge of fill or dredged material is proposed within the Roza Dam forebay (Yakima River). Erosion and sediment controls would be implemented to prevent the discharge of sediments and return water to the stream channel from both the dump truck loading area and disposal area.



Legend	
	Project Area
	Wetland Mats (Excavator Access)
	Staging (Dump Truck)
	OHWM
	Excavation Area

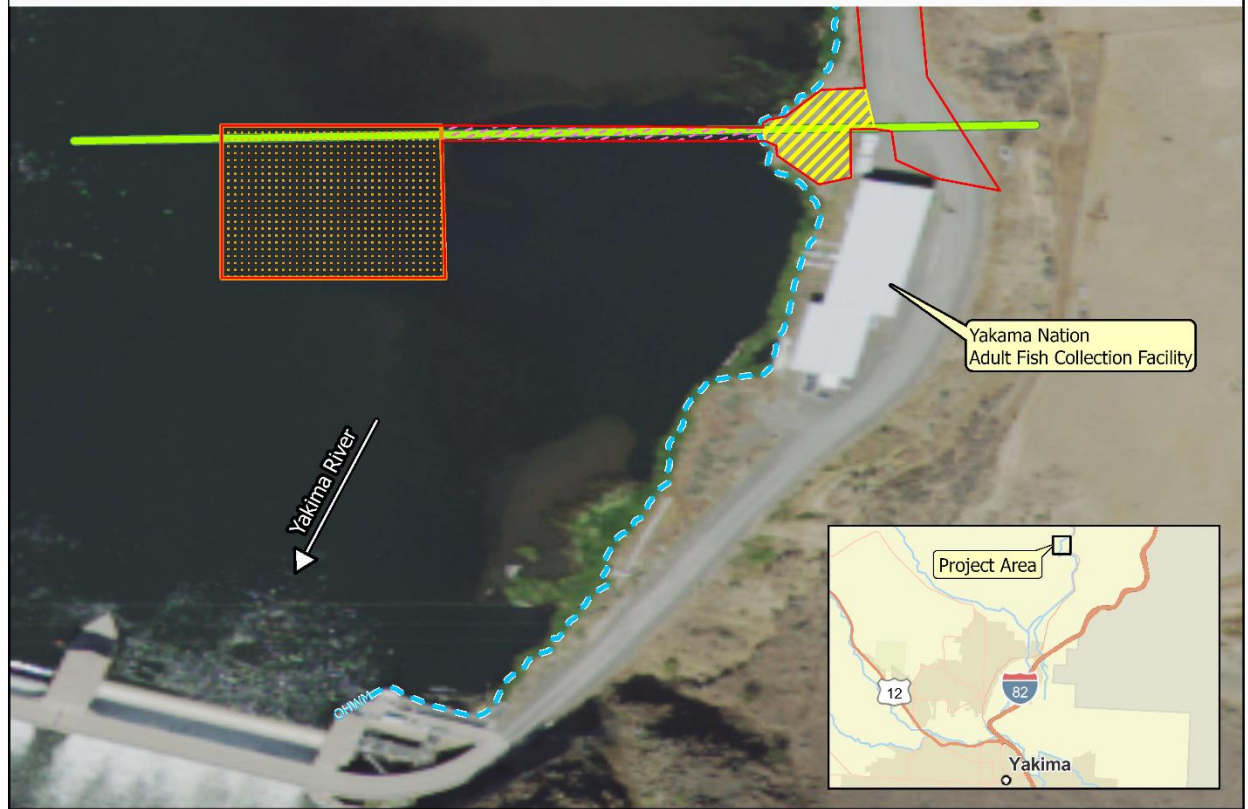
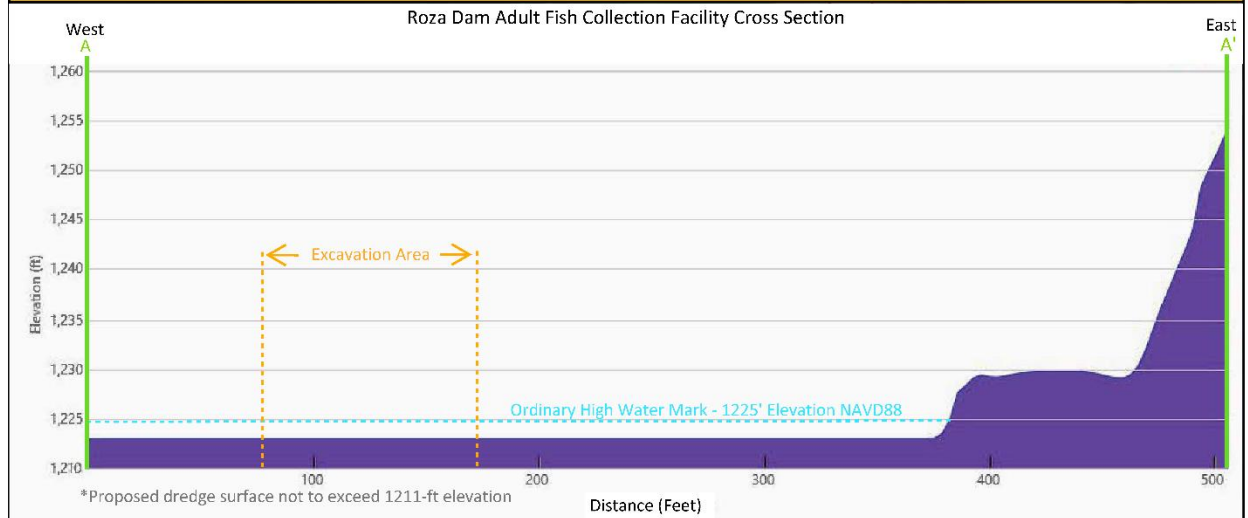


Map Production: CPNGIS, 10/28/2024

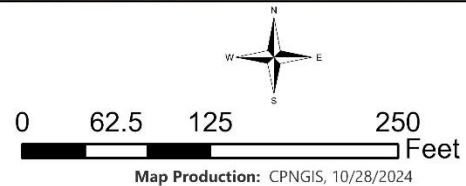


ROZA DAM ADULT FISH COLLECTION FACILITY SEDIMENT REMOVAL

Proposed Project - Profile View



Legend	
Project Area	Wetland Mats (Excavator Access)
Staging (Dump Truck)	Profile View Line
Excavation Area	OHWM





Extraordinary Circumstances Exist for This Action Which May:		No	Yes	Uncertain
1	This action would have a *significant effect on the quality of the human environment (40 CFR 1501.4(a)). *Please note, per 1501.4 (b)(1) of the NATIONAL ENVIRONMENTAL POLICY ACT IMPLEMENTING REGULATIONS (revised September 2020): "If an extraordinary circumstance is present, the agency nevertheless may categorically exclude the proposed action if the agency determines that there are circumstances that lessen the impacts or other conditions sufficient to avoid significant effects." It is recommended that the use of 1501.4 (b)(1) be vetted through the Project's Attorney Advisor and NEPA managers affiliated with the Project.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	This action would have disputed environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA Section 102(2)(E) and 43 CFR 46.215(c)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	This action would have significant impacts on public health or safety (43 CFR 46.215(a)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	This action would have significant impacts on such natural resources and unique geographical characteristics as historic or cultural resources; parks, recreation, and refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (EO11990); flood plains (EO11988); national monuments; migratory birds; and other ecologically significant or critical areas (43 CFR46.215(b)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	This action would have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks (43 CFR 46.215(d)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	This action would establish a precedent for future action or present a decision in principle about future actions with potentially significant environmental effects (43 CFR 46.215 (e)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	This action would have a direct relationship to other actions with individually insignificant but cumulatively significant environmental effects (43 CFR 46.215 (f)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	This action would have significant impacts on properties listed, or eligible for listing, on the National Register of Historic Places as determined by Reclamation (in coordination with a Reclamation cultural resources professional, LND 02-01) (43 CFR 46.215(g)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	This action would have significant impacts on species listed, or proposed to be listed, on the list of Endangered or Threatened Species, or have significant impacts on designated critical habitat for these species (43 CFR 46.215 (h)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	This action would violate a Federal, tribal, State, or local law or requirement imposed for protection of the environment (43 CFR 46.215 (i)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	This action would affect ITAs (to be completed by Reclamation official responsible for ITAs) (512 DM 2, Policy Memorandum dated December 15, 1993).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	This action would have a disproportionately high and adverse effect on low-income or minority populations (EO 12898) (43 CFR 46.215 (j)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	This action would limit access to, and ceremonial use of, Indian sacred sites on Federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (EO 13007, 43 CFR 46.215 (k), and 512 DM 3)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



14	This action would contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act, EO 13112, and 43 CFR 46.215 (I)).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
----	--	-------------------------------------	--------------------------	--------------------------

NEPA action recommended

<input checked="" type="checkbox"/>	CE Checklist: The proposed action meets the criteria, as defined in 43 CFR 46.215, and qualifies as a categorical exclusion. The action will not significantly affect the quality of the human environment. It is excluded from documentation in an Environmental Assessment (EA) or Environmental Impact Statement (EIS).
-------------------------------------	--

The proposed action does not meet the criteria for a categorical exclusion. Further environmental review and analysis is required. The following environmental document should be prepared.

EA

EIS

ENVIRONMENTAL AND TRUST ASSET COMMITMENTS, EXPLANATION, AND/OR COMMENTS:

NHPA S.106, E.O. 13007

This project, Roza Dam Adult Collection Facility Sediment Removal , is exempt from case-by-case review under the Bureau of Reclamation’s Historic Preservation: No Potential to Cause Effects List, which was finalized in September of 2007 under NoPE #15; Clearing of sediments or debris from stilling basins, forebays, canals, laterals, ditches, conduits, siphons, and drains, and other constructed features where the clearing occurs in previously disturbed areas, and the sediment or debris is placed in previously disturbed areas; This project was logged as CCA-2024-052. This action will not adversely impact access to or ceremonial use of any identified Indian sacred sites, will not adversely affect the physical integrity of any such sacred sites.

Should cultural resources be inadvertently discovered during the implementation activities, work would stop, and the Columbia Cascades Area Office (CCAO) Archaeologist will be contacted immediately at 509-573-8022. Implementation will not resume until all mitigative measures developed in consultation with the SHPO have been completed.

T&E Species Review
Reclamation concludes that a biological evaluation, under section 7 of the Endangered Species Act (ESA), is not required for this action. Reclamation determines that this Federal Action will not affect Threatened or Endangered species. This action will not adversely affect Essential Fish Habitat.

Environmental Justice
In evaluating environmental justice, there would be no disproportionately high and adverse human health or environmental effects on minority or low-income populations or communities.

Indian Trust Assets
There are no known assets held in Trust for American Indian Tribes or Individuals in the project location. Therefore, there will be no effect.

Wetlands and Vegetation: Sediment removal would occur within the Roza Dam Pool (Yakima River) which is mapped as Lacustrine, Limnetic, Unconsolidated Bottom, Permanently Flooded\Impounded wetland. Sediment builds behind Roza Dam due to bedload transport and has been removed periodically for the past several decades. Routine removal of sediment would restore the area to prior surface contours. Impacts to wetlands would be minor and temporary. Impacts to upland vegetation at the sediment disposal site would be *de minimus*.

Project Title: Roza Diversion Dam Adult Fish Collection Facility Sediment Removal		
Concurrence and approval	Name and Title	Signature
Prepared by	Rafael Orozco, Natural Resource Specialist	RAFAEL OROZCO Digitally signed by RAFAEL OROZCO Date: 2024.10.29 13:33:54 -07'00'
Concur with item #8	Mary Velazquez, Archaeologist	MARY VELAZQUEZ Digitally signed by MARY VELAZQUEZ Date: 2024.10.30 07:47:51 -07'00'
Concur with item #9	Elizabeth Heether, Acting Environmental Program Manager	ELIZABETH HEETHER Digitally signed by ELIZABETH HEETHER Date: 2024.10.31 06:44:20 -07'00'
Concur with item #11	Jessica Asbill-Case, Native American Affairs Program Coordinator	JESSICA ASBILL-CASE Digitally signed by JESSICA ASBILL-CASE Date: 2024.10.31 09:10:32 -06'00'
Concur: Field Office Manager	Chad Stuart, Yakima Field Office Manager	CHAD STUART Digitally signed by CHAD STUART Date: 2024.10.31 09:08:23 -07'00'
Recommended: Environmental Program Manager	Elizabeth Heether, Acting Environmental Program Manager	ELIZABETH HEETHER Digitally signed by ELIZABETH HEETHER Date: 2024.10.31 06:44:38 -07'00'
Approved: Area Office Manager	Wylie C. Duke, Columbia-Cascades Area Office Manager	WYLIE DUKE Digitally signed by WYLIE DUKE Date: 2024.10.31 11:27:12 -07'00'

Categorical Exclusion Number and Date **CPN-YFO-CE-2025-023** **10/31/2024**

~~~~~end of document~~~~~