



AQUATIC SPECIES RESTORATION PLAN: UPDATES

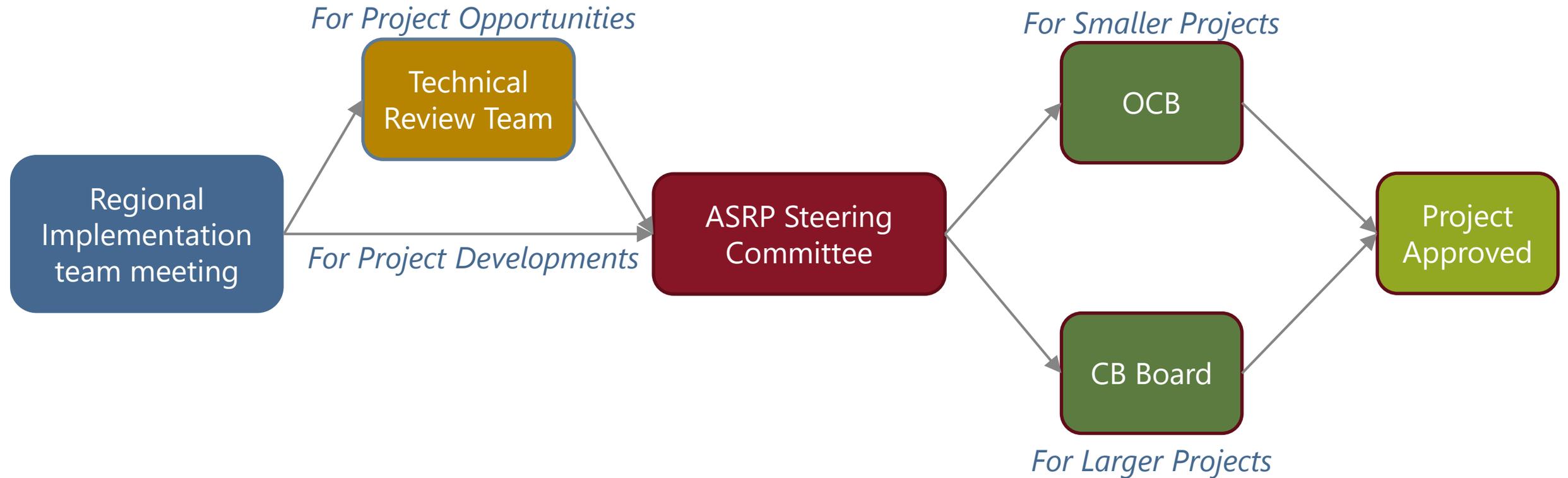
10/6/22

Chehalis Basin Board Meeting

OUTLINE

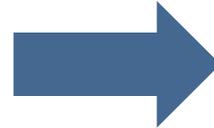
- Review project funding strategy
- 2021-23 project portfolio

HOW DO WE APPROVE PROJECTS?



HOW ASRP PROJECTS ARE FUNDED

- Project funding is reserved from the biennium in which they start
- Large projects can extend over multiple biennia
- Funding is obligated, or “earmarked” for all phases – design, permitting, acquisition, construction

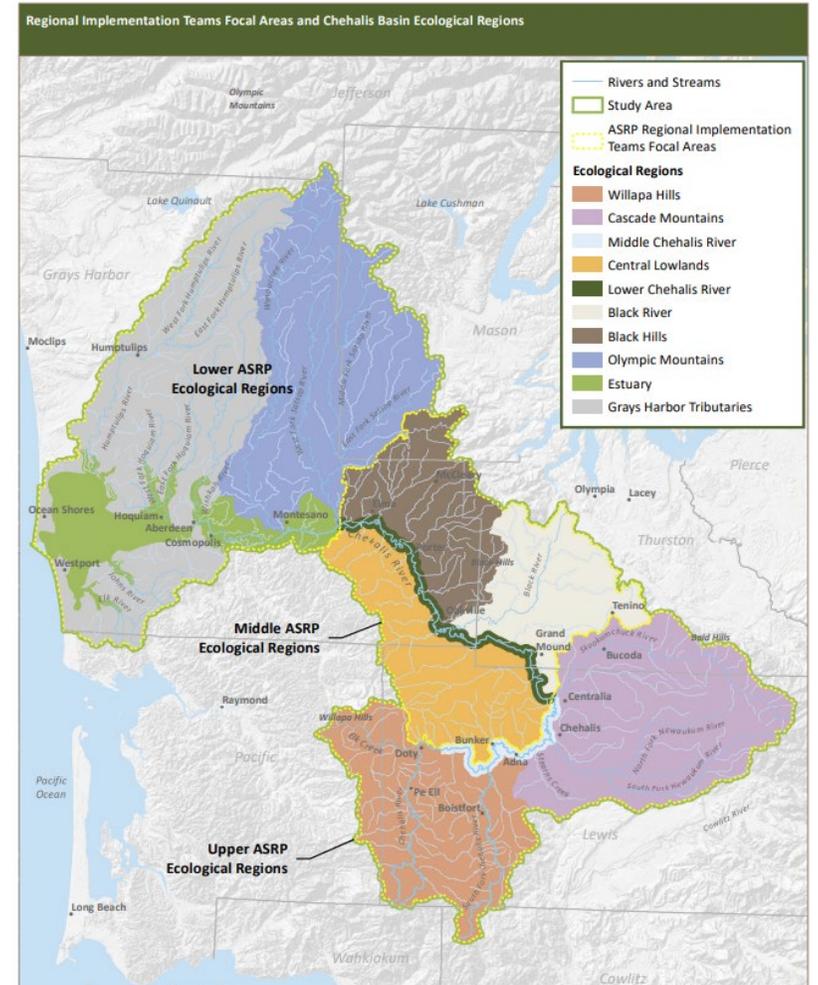


- Greater Landowner and Sponsor Confidence
- Quicker Project Implementation

2021-23 PROJECT PORTFOLIO

IMPLEMENTATION ROLL OUT

- **Regional Implementation Teams**
 - 3 teams to organize and collaborate on new project opportunities
- **Project Technical Review Team**
 - Dedicated restoration expert capacity
- **Project Portfolio**

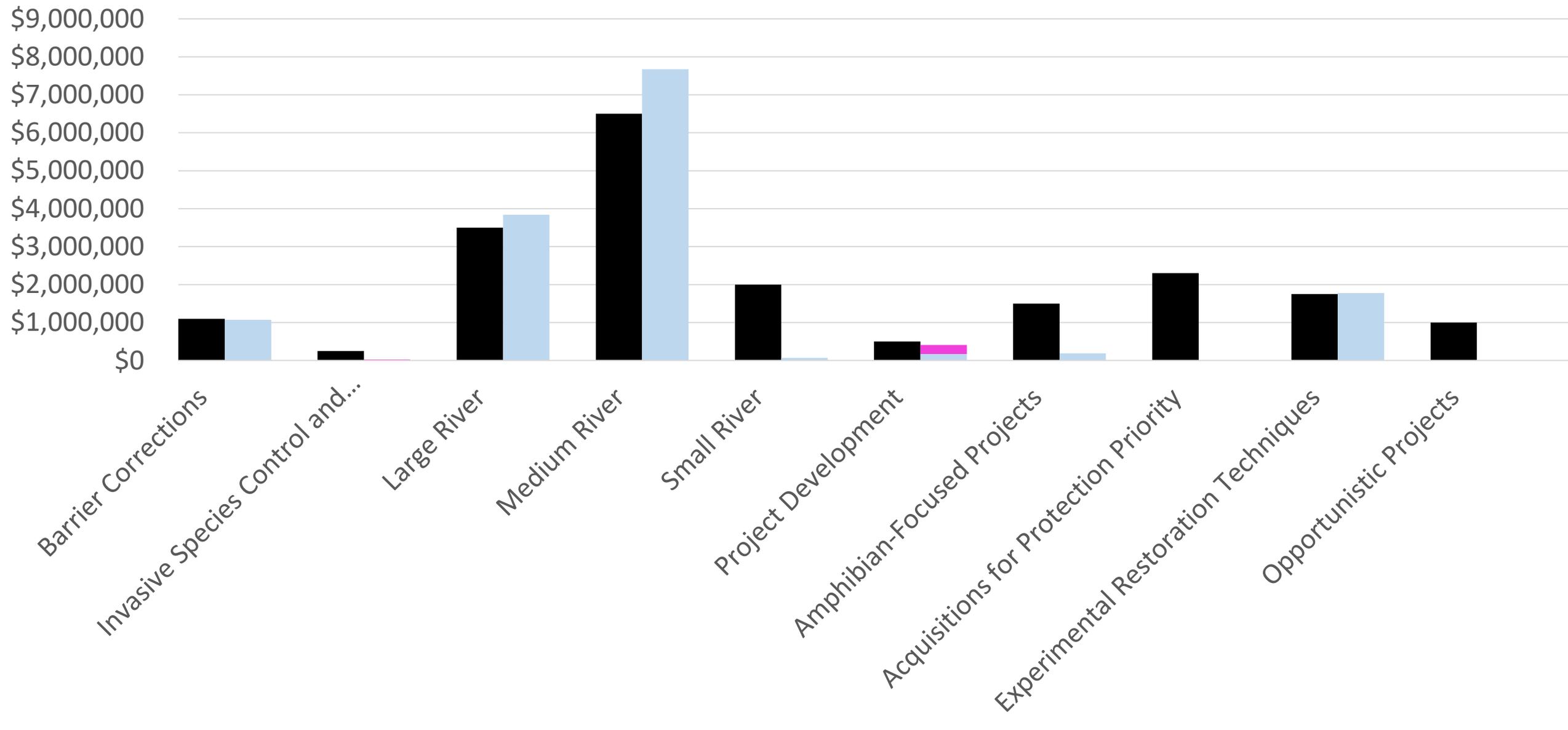


"This is the fastest funding approval we've experienced in the grant world for this type of program, which means we can get things done much sooner and at less cost than usual. We look forward to getting started on these projects." -Chehalis Basin Fisheries Task Force

Sub-Action Type	Relative Emphasis in Budget	Obligated 10/4	OCB/Board pending	SC Vote on 10/19	Remaining Unobligated
Barrier Corrections	\$1,100,000	\$1,073,733	\$0	\$0	\$26,267
Invasive Species Control and Riparian Plantings	\$250,000	\$0	\$25,893	\$0	\$250,000
Large River	\$3,500,000	\$3,842,339	\$0	\$0	(\$342,339)
Medium River	\$6,500,000	\$7,674,839	\$0	\$0	(\$1,174,839)
Small River	\$2,000,000	\$67,235	\$0	\$0	\$1,932,765
Project Development	\$500,000	\$170,000	\$239,357	\$0	\$330,000
Amphibian-Focused Projects	\$1,500,000	\$188,049	\$0	\$0	\$1,311,951
Acquisitions for Protection Priority	\$2,300,000	\$0	\$0	\$0	\$2,300,000
Experimental Restoration Techniques	\$1,750,000	\$1,776,400	\$0	\$0	(\$26,400)
Opportunistic Projects	\$1,000,000	\$0	\$0	\$0	\$1,000,000
TOTAL	\$21,250,000	14,792,595	265,250	-	\$6,457,405

Existing and Potential Budget Obligations: Scenario 10/6/22

Relative Emphasis in Budget
 Obligated 10/6
 SC Review
 SC Vote
 OCB/Board Pending



ASRP PROJECT PORTFOLIO

- From 2015 to 2022:
 - 74 completed and in-progress projects
 - \$50.7 million invested in project development, design, and implementation
- 2022 ASRP Projects:
 - Previously presented on:
 - Wildcat Creek Barrier Removals
 - Beaver Dam Analog Construction
 - Sediment Wedging Experimental project
 - Riverbend Ranch
 - NF Newaukum Lawson Reach Project development
 - SF Chehalis/Lake Creek Project development
 - Middle Humptulips Project development

NEW ASRP PROJECTS SINCE JUNE 2022: \$4.08 MILLION

Project Name	Description	Location, County	2021-2023 Funding	Sponsor
Grays Harbor County				
Newman Creek Restoration	Alternatives analysis and preliminary design to restore creek to historical channel and wetland complex, riparian restoration, and invasives management.	Newman Creek, Grays Harbor County	\$67,235	Ducks Unlimited
Satsop Rivermile 2.5-5.0 Reach-Scale	Reach-scale restoration of 2.5 miles along left-bank Satsop River including ELJs, flood fencing, riparian restoration, and invasives management.	Lower Satsop River	\$3,591,987	Grays Harbor Conservation District
Chehalis Rivermile 15.5-17.5 Reach-Scale	Engagement with willing landowners re: potential acquisitions, restoration concept design, early riparian restoration.	Lower Chehalis	\$250,352	Grays Harbor Conservation District
Thurston County				
West Rocky Prairie Oregon Spotted Frog Restoration	Invasive species management and hydrologic restoration (BDAs, pond creation) for OSF habitat.	Headwaters of Beaver Creek, Thurston County	\$159,430	WDFW
Lewis County				
Lucas Creek Protection	Negotiation of conservation easement with willing landowner.	Lucas Creek, tributary to NF Newaukum River	\$10,000	Capitol Land Trust, Lewis Conservation District

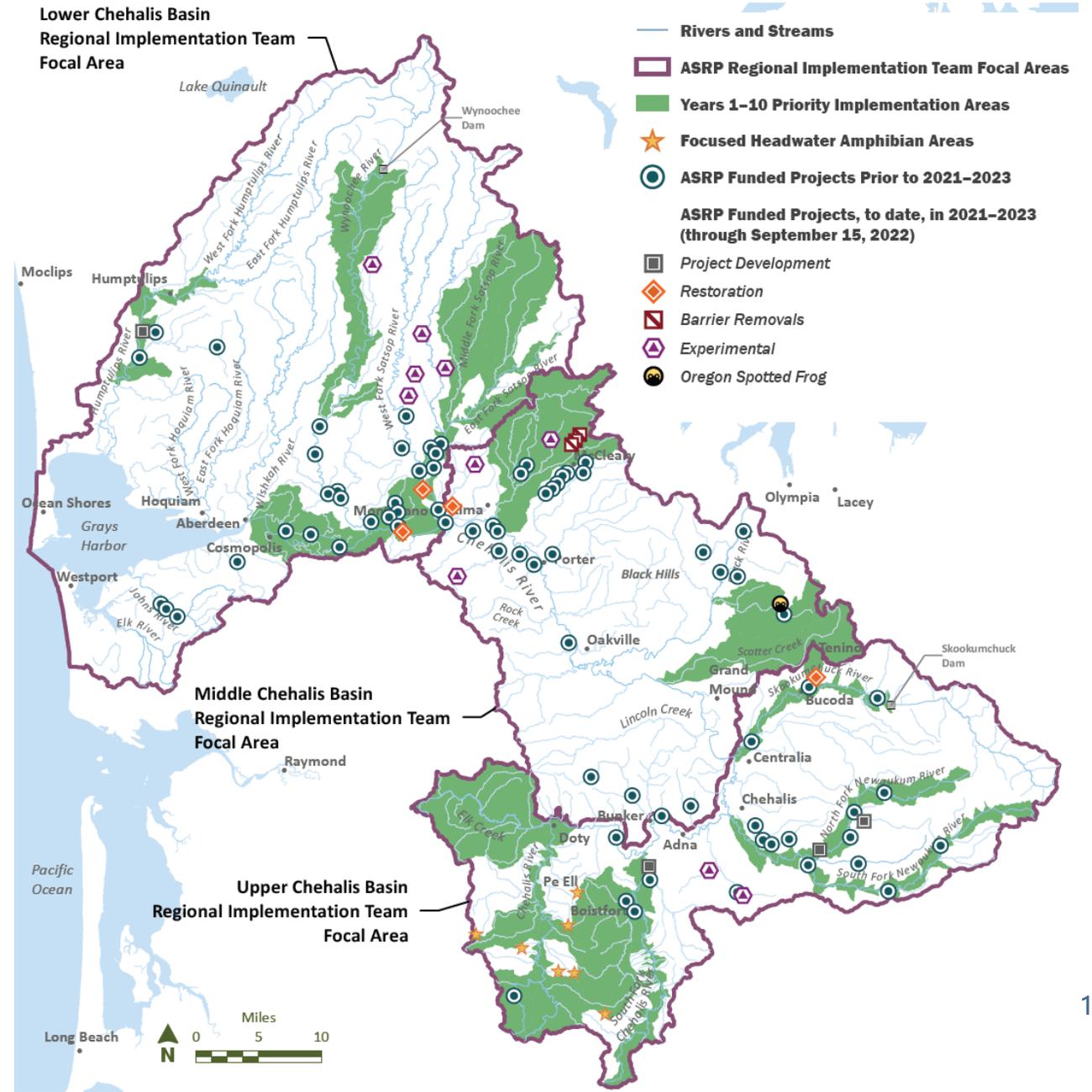
Project type:

Restoration

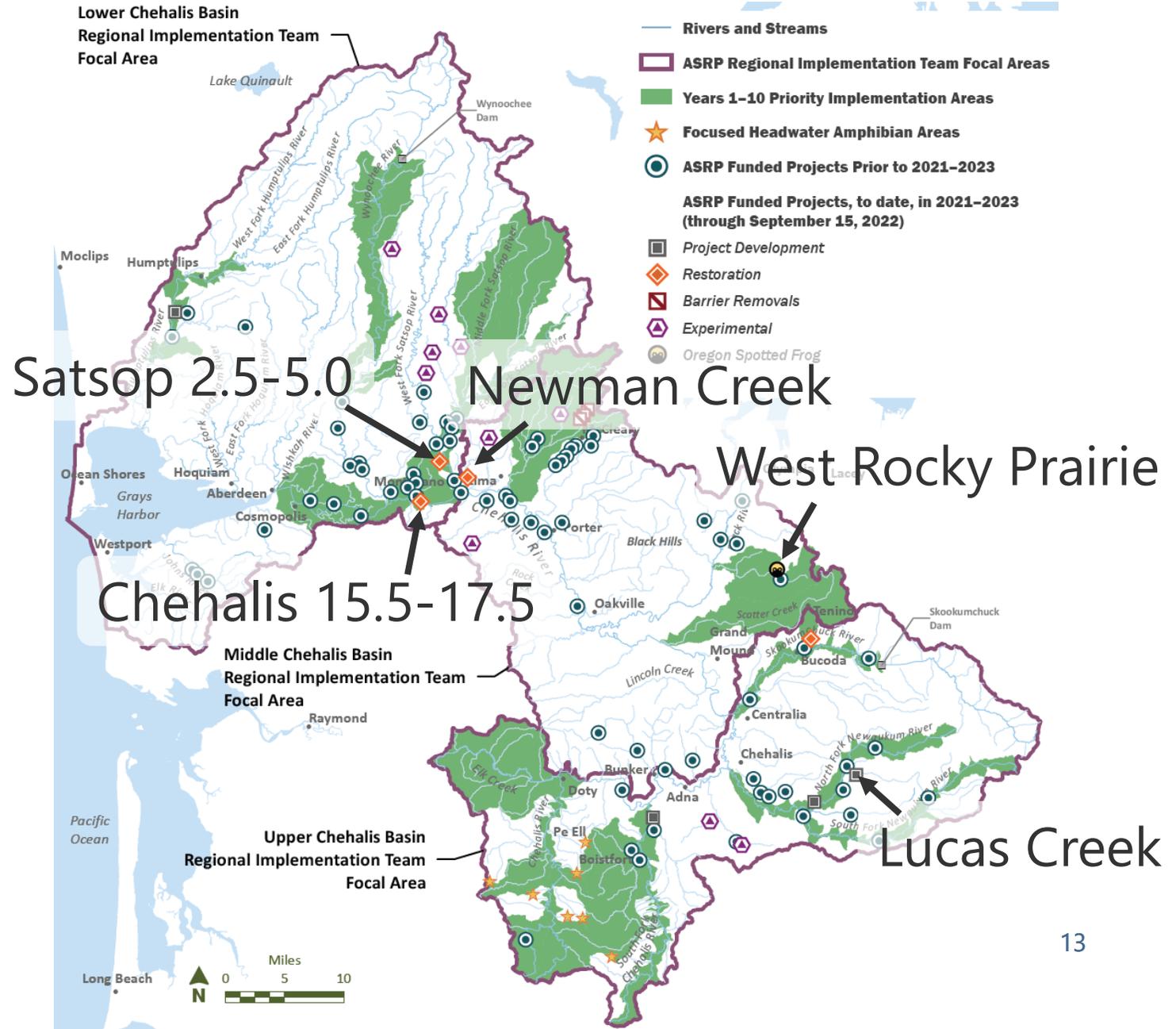
Amphibian

Project Development

ASRP PROJECTS

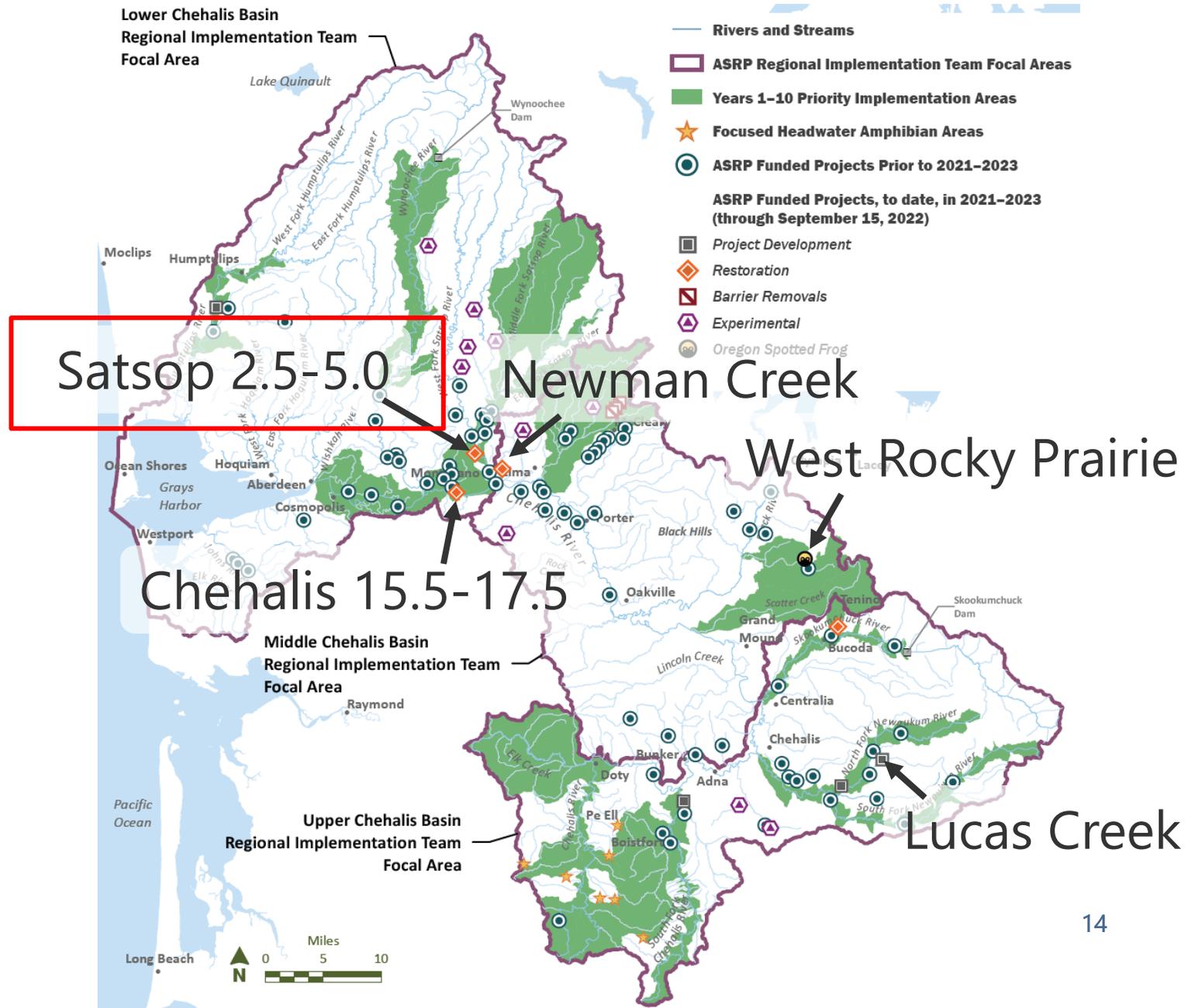


ASRP PROJECTS



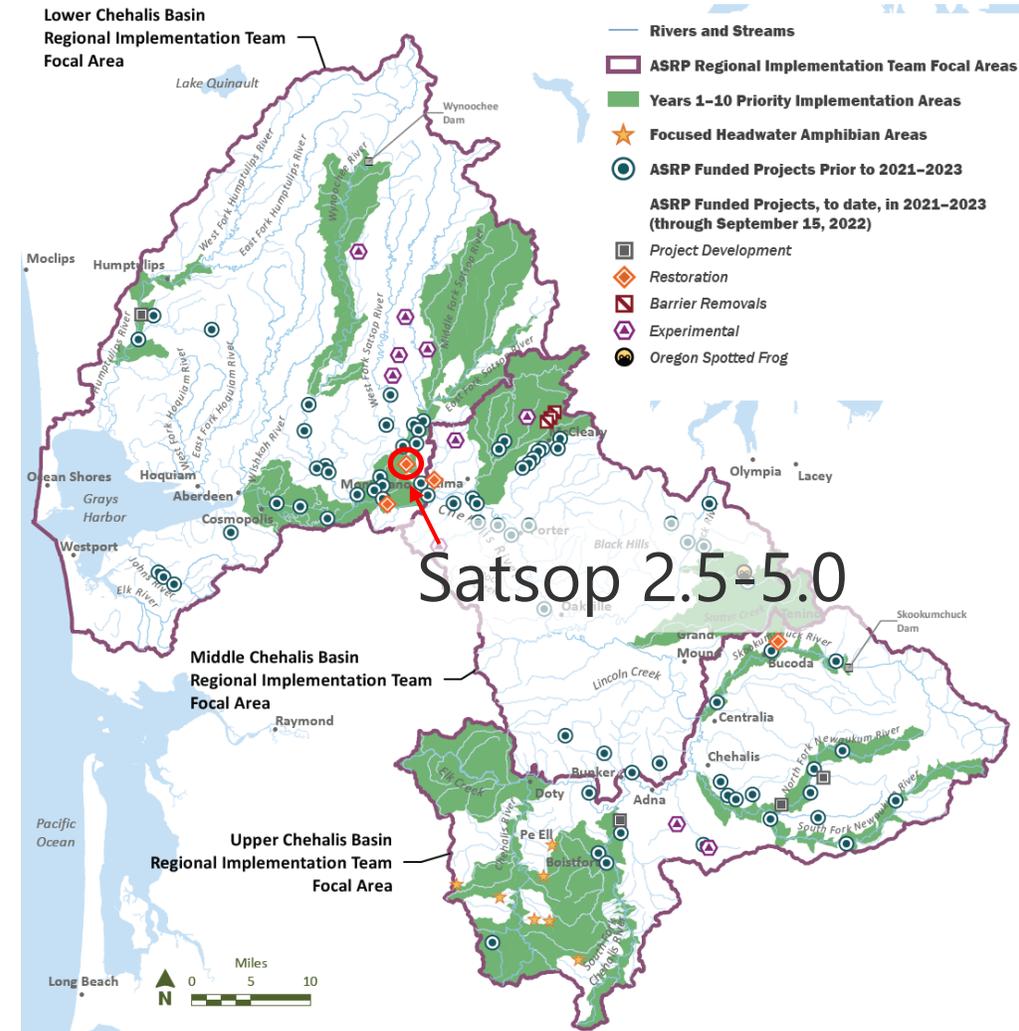
ASRP PROJECTS

Project Highlight:
Funded in June 2022

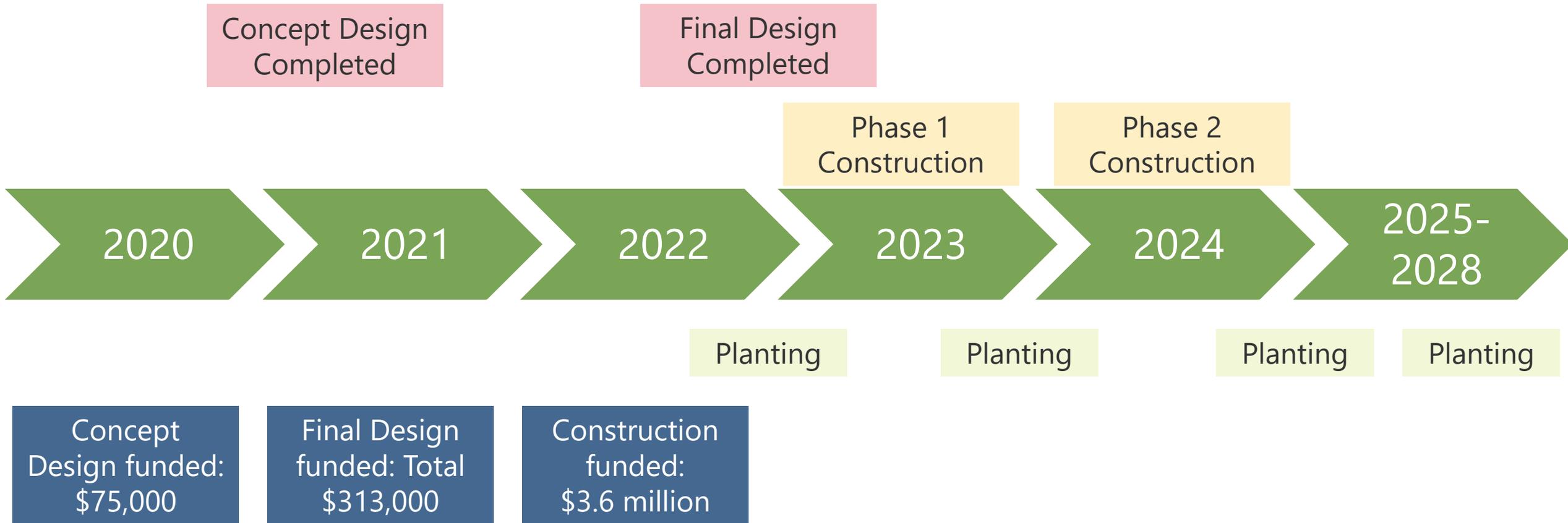


SATSOP RIVERMILE 2.5-5.0 CONSTRUCTION

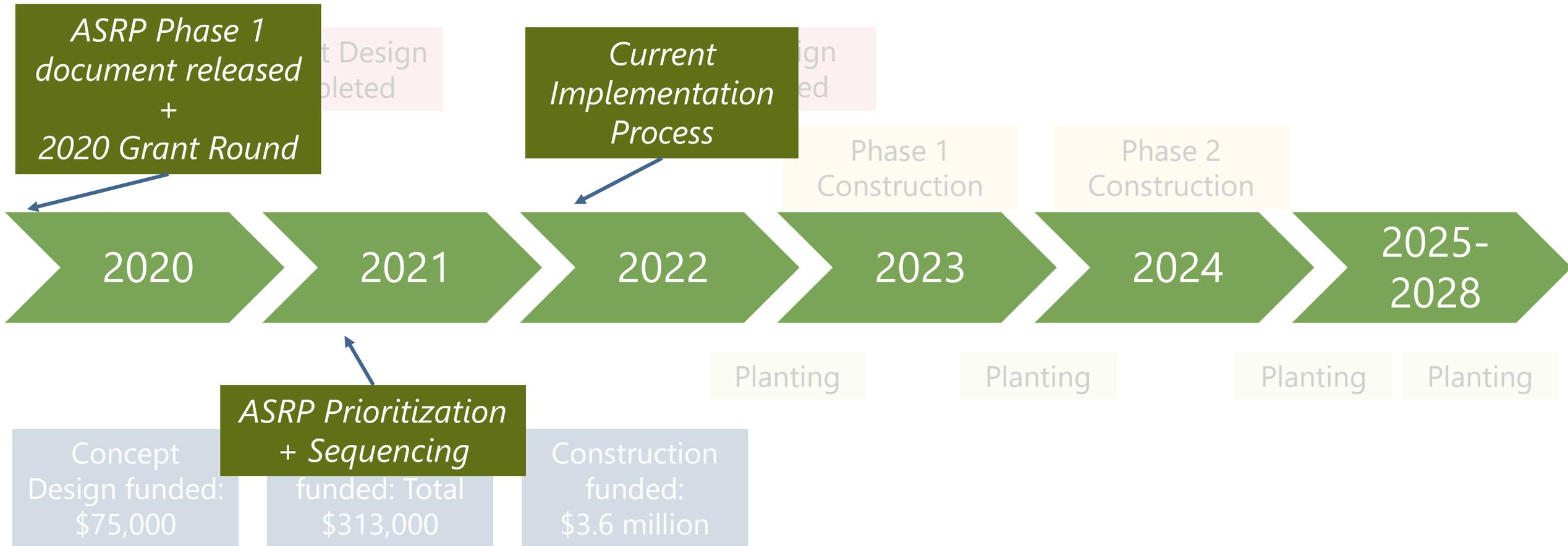
- **Description:** Reach-scale restoration of 2.5 miles along left-bank Satsop River including ELJs, flood fencing, riparian restoration, and invasives management.
 - Design funded through ASRP 2020 + 2021 grant rounds
 - Sponsored by GHCD
 - Cost: \$3,591,987
- **Goals:** Increased floodplain connectivity, increased salmonid habitat quality and diversity, reduced stream temperature
- **Construction timeline:**
 - Final design and permitting: 2022/23
 - Phase 1 construction: summer 2023
 - Phase 2 construction: summer 2024
 - Riparian revegetation, enhancement, and monitoring: winter 2022- 2028



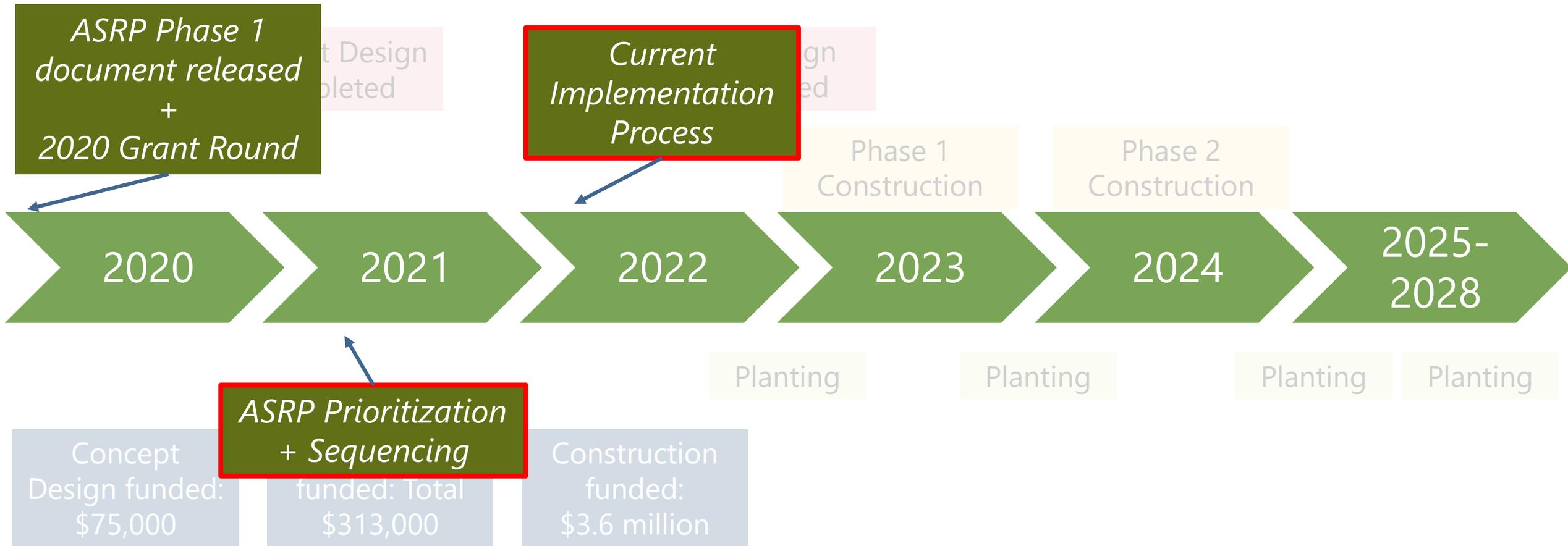
PROJECT TIMELINE



ASRP TIMELINE

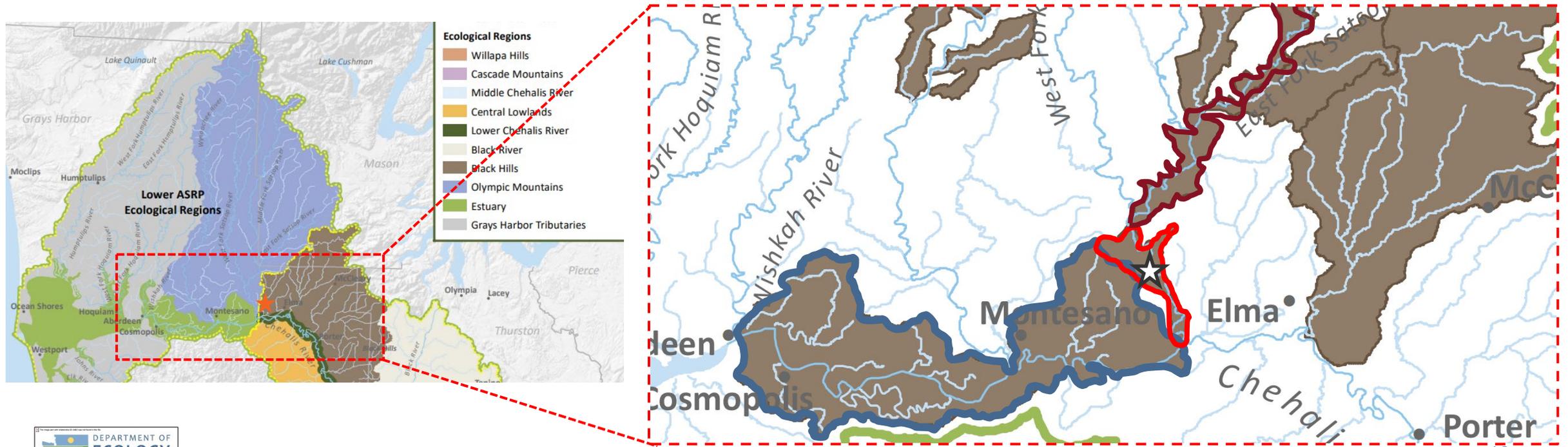


ASRP TIMELINE

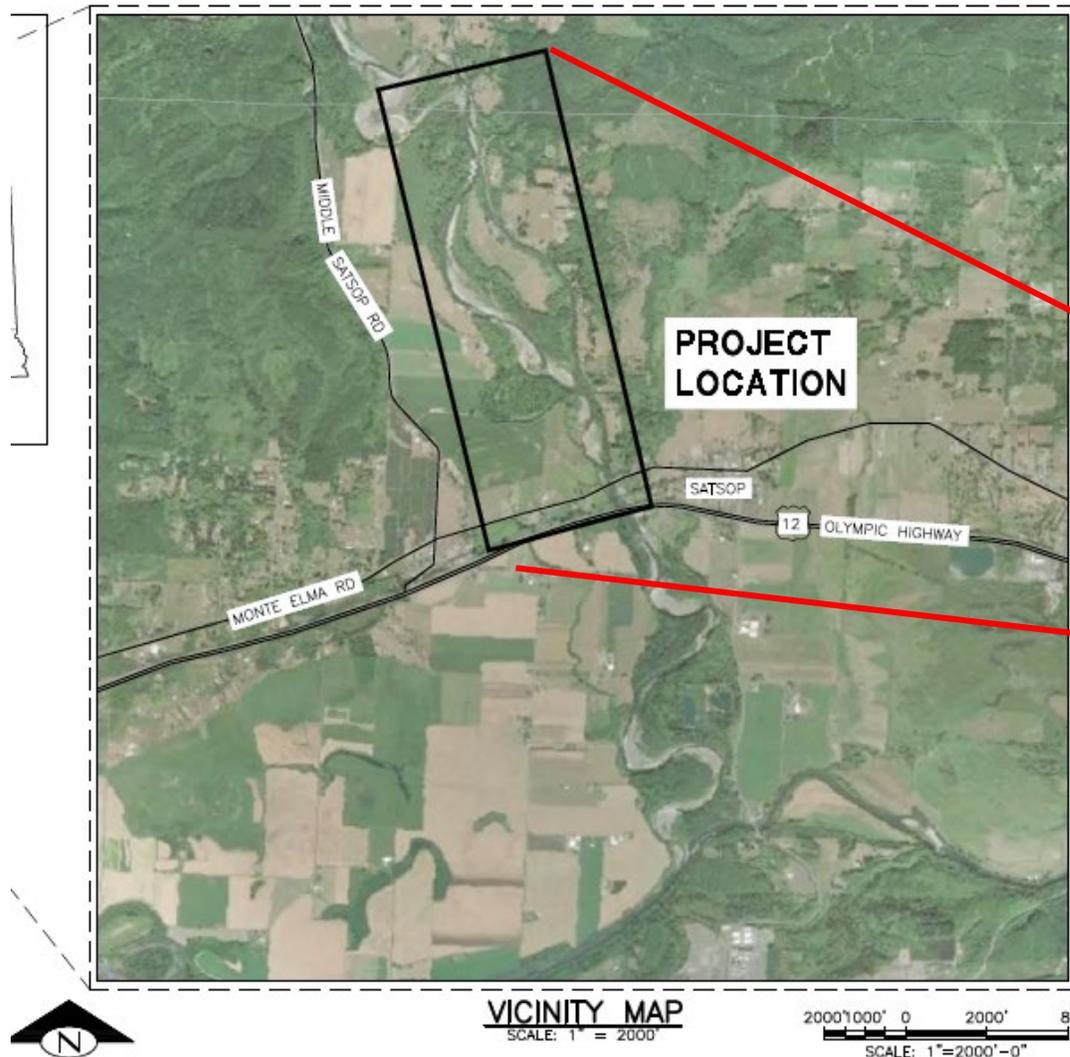


PROJECT AND ASRP PRIORITIES

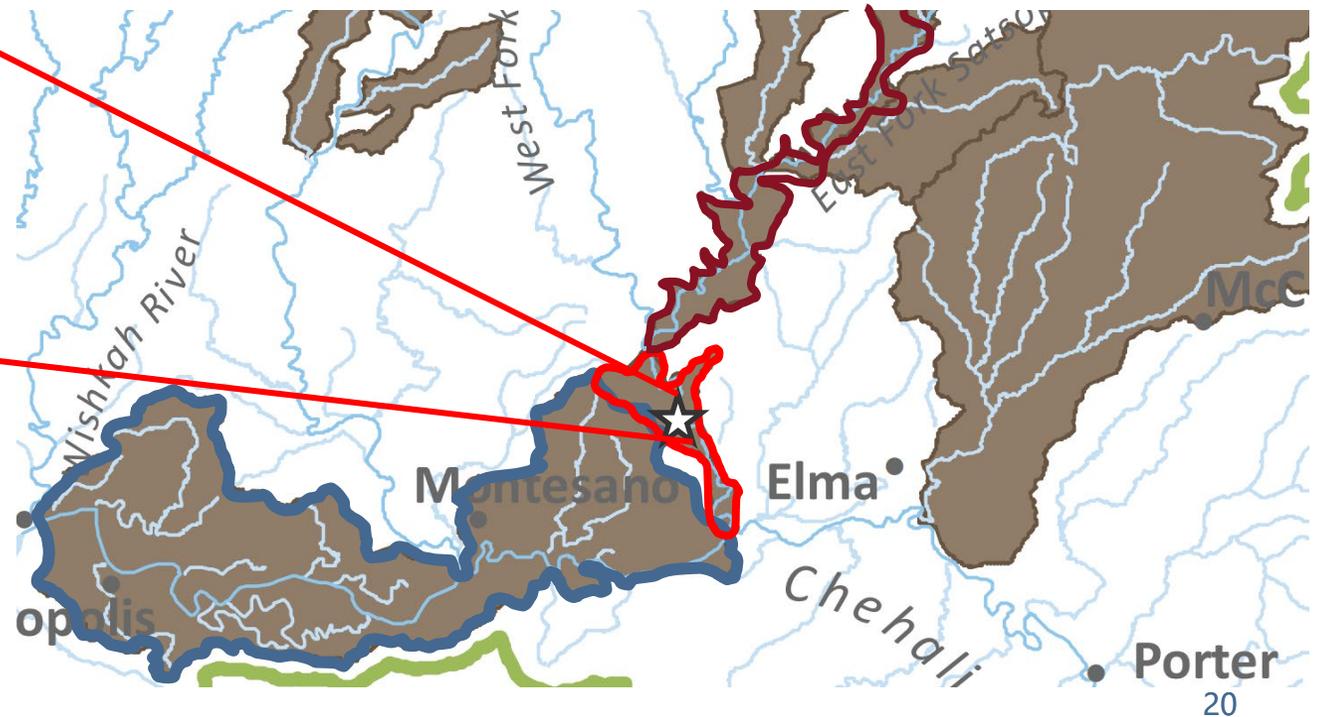
- Location: Grays Harbor County- Olympic Mountains Ecological Region- Lower Satsop Mainstem Geographical Spatial Unit (GSU)



PROJECT AND ASRP PRIORITIES

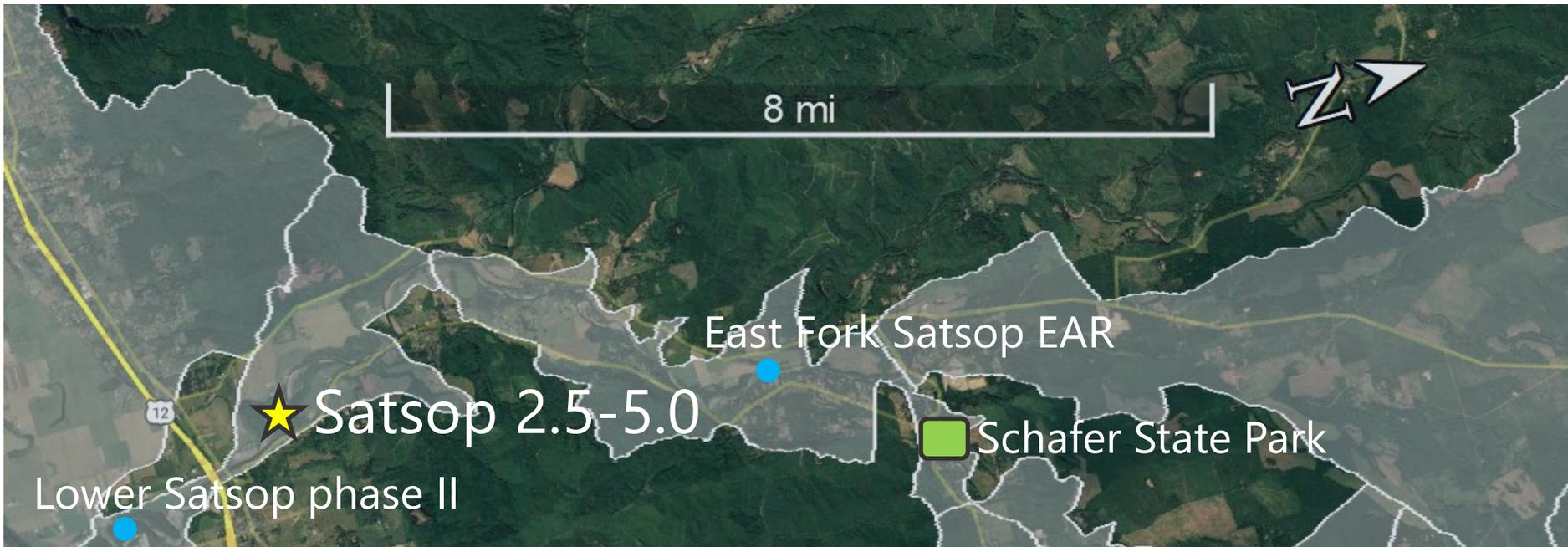


Olympic Mountains Ecological Region- Lower
Spatial Unit (GSU)

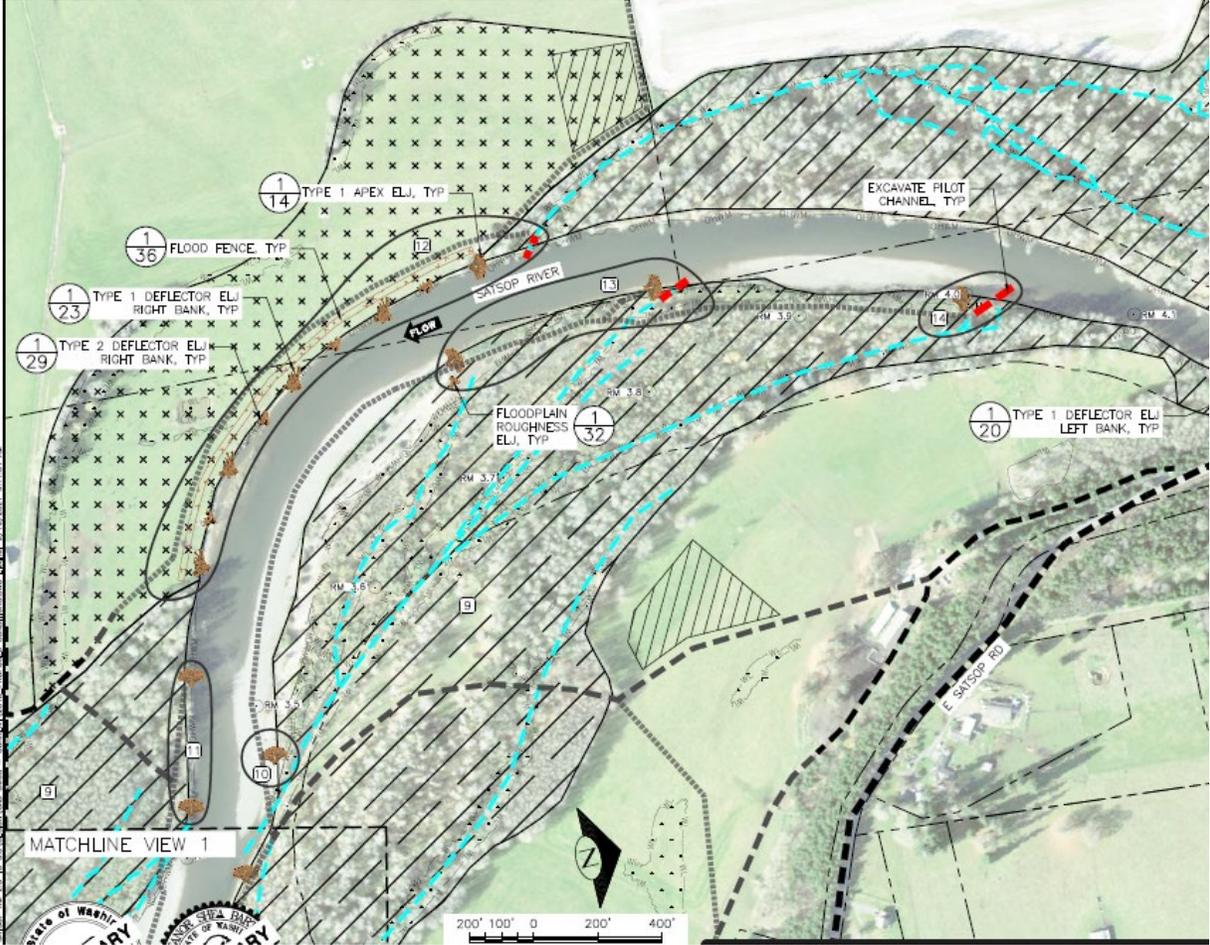


LOWER SATSOP MAINSTEM GSU- A NEAR TERM PRIORITY

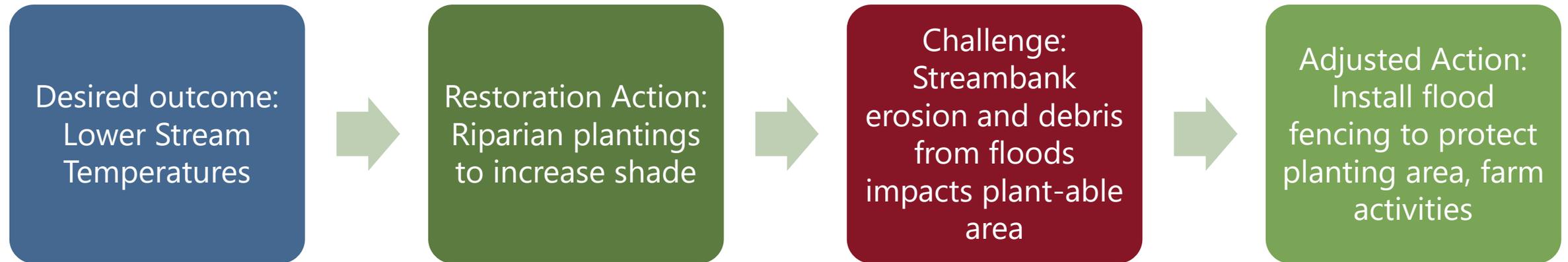
Geospatial Unit	Restoration Actions							Priority Species or Habitat Focus	Limiting Factors From Highest Priority to Lowest
	Place Large Wood	Remove Fish Barriers	Reconnect/Restore Floodplain	Riparian Restoration	Beaver Ponds/BDAs	Wetland Restoration	Acres of OSF* Habitat Protection/Restoration		
Lower Satsop MS GSU	●	●	●					Ⓜ High Priority Core Habitats Ⓜ Early Riparian Restoration	Key Habitat, Temperature, Habitat Diversity, Channel Length, Channel Stability, Predation, Flow, Sediment Load



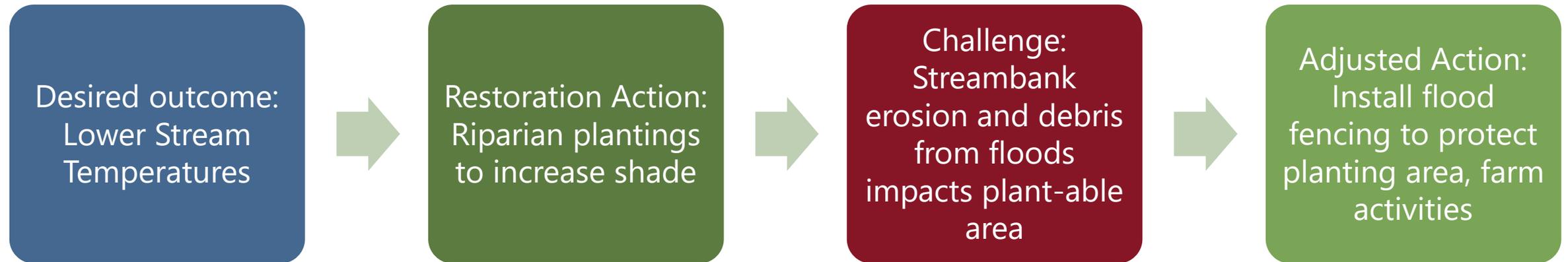
SATSOP 2.5-5 DESIGN



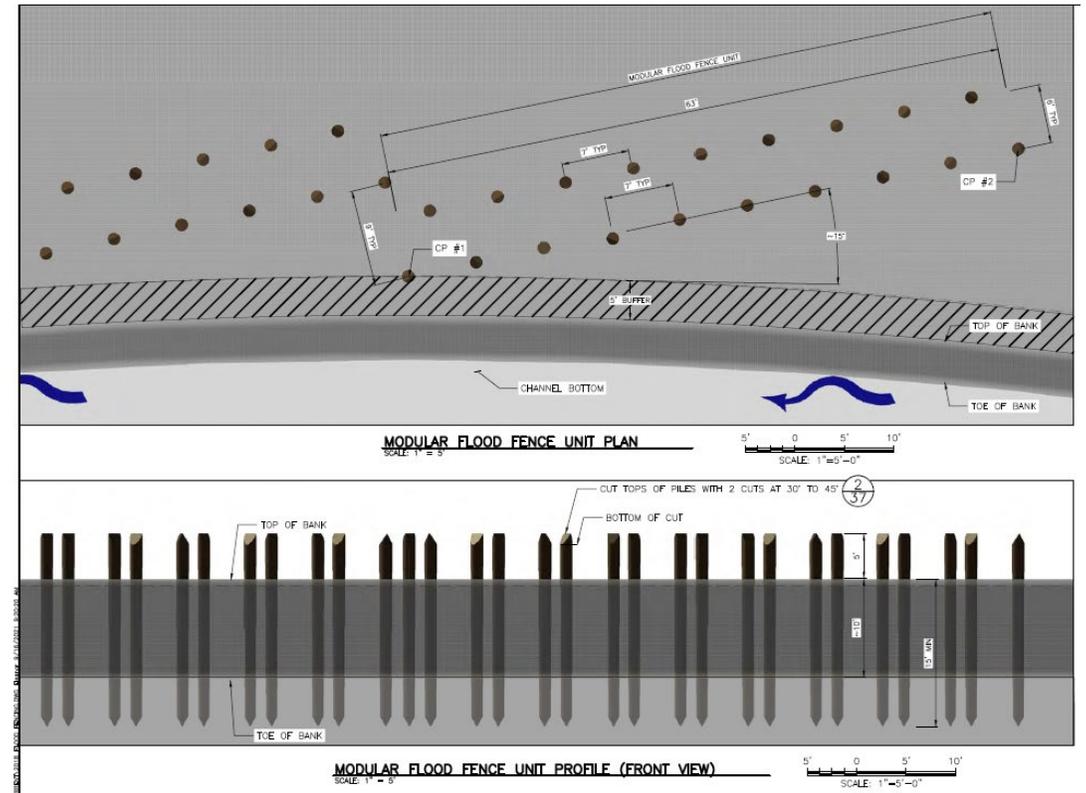
FROM IMPLEMENTATION TO OUTCOMES



FROM IMPLEMENTATION TO OUTCOMES



FLOOD FENCE



QUESTIONS OR DISCUSSION

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