

# COMPONENTS AND TIMELINES OF THE WATERSHED RESTORATION AND ENHANCEMENT PLANS



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# COMPONENTS





# Requirements

- 20 year consumptive use estimate (2018-2038)
- Time and place impact assessment
- Projects and actions to offset estimated consumptive use and meet net ecological benefit
- Net ecological benefit determination

Yakima Basin







# Optional

- Modify fee or reduce water use quantity allowance
- Estimate consumptive use beyond 2038
- Apply advanced modeling techniques when identifying time and place
- Implement additional conservation requirements for new water users
- And more...

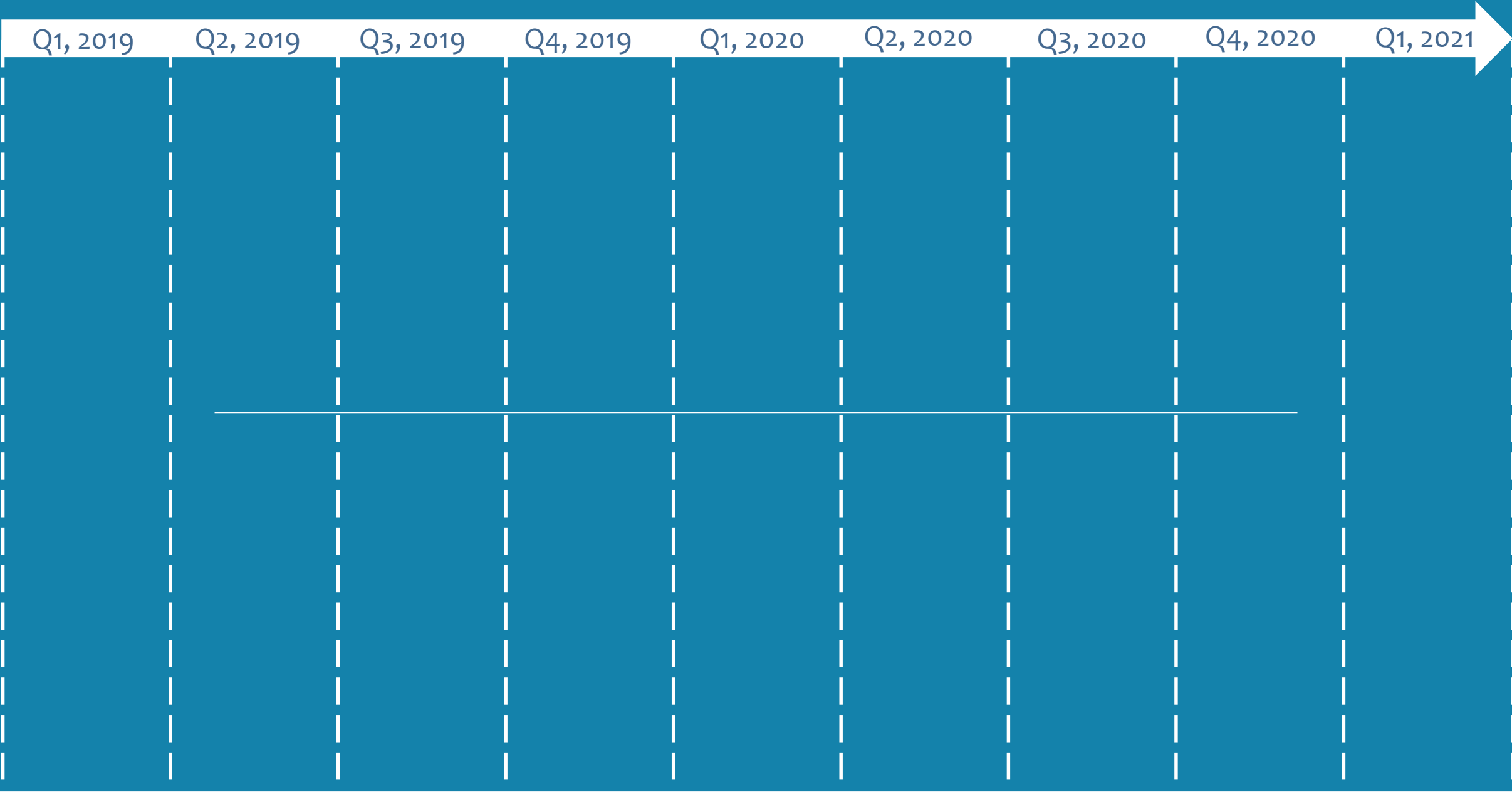
Lower Wenatchee instream flow enhancement project



# TIMELINE



Timeline



## Timeline—Presentations

	Q1, 2019	Q2, 2019	Q3, 2019	Q4, 2019	Q1, 2020	Q2, 2020	Q3, 2020	Q4, 2020	Q1, 2021
Hydrogeology		What is consumptive use	Consumptive use calculations	Peer-to-peer watershed workshop	<i>As needed</i>	<i>As needed</i>	Briefings with planners		
Instream flow									
Salmonid biology 101		Water for water	Climate change impacts						
WRIAs 1 & 11 best practices									
County and city planning		Nonwater projects	2019 grant round overview						
Growth projections									
Tribal water law		Projected growth maps	Net Ecological Benefit (NEB) in depth						
Washington water law		Intro to Net Ecological Benefit (NEB)							

## Timeline—Discussion

Q1, 2019	Q2, 2019	Q3, 2019	Q4, 2019	Q1, 2020	Q2, 2020	Q3, 2020	Q4, 2020	Q1, 2021
Operating principles	Planning and growth projections	Subbasin review as needed	Subbasin review as needed	Adaptive management and climate change	Draft plan	Draft plan	Final plan	Final plan
Collaboration/ structure / support	Subbasin delineation	Additional considerations for plan inclusion	Additional considerations	Technical considerations	Technical considerations	Technical considerations		
Planning and growth projections	Consumptive use options		Project list development	Project list development	Project list development			
Subbasin delineation			Final plan review and approval process					
			Adaptive management and climate change					



## Timeline—Actions

Q1, 2019	Q2, 2019	Q3, 2019	Q4, 2019	Q1, 2020	Q2, 2020	Q3, 2020	Q4, 2020	Q1, 2021
Establish data resources workgroup	Decision on growth projection scenarios	Decision on consumptive use scenarios	Select project list	Decision on changes to subbasin delineation	Decision on final project list	Draft plan refinement	Decision on final plan	SEPA review
Decision on operating principles	Decision on initial subbasin delineation	Decision on consumptive use calculations	Visit final project sites	Decision to include additional considerations in plan			Send final plan for local approval	Finalize plan
Establish technical needs workgroup		Visit project sites	Develop and approve plan outline					Submit final plan to Ecology
								Final NEB determination by Ecology
								Adoption of plan by Ecology

## Timeline—All Committee Activities

Q1, 2019	Q2, 2019	Q3, 2019	Q4, 2019	Q1, 2020	Q2, 2020	Q3, 2020	Q4, 2020	Q1, 2021
Hydrogeology	What is consumptive use	Consumptive use	Peer-to-peer watershed	As needed	As needed	Briefings with planners	Decision on final plan	SEPA review
Instream flow		Climate change	Subbasins					
Salmonid	Nonwater	2019 grant round	Additional	Adaptive management and climate change	Draft plan	Draft plan	Send final plan for local approval	Finalize plan
WPBAs 1 & 11								
County and	Projected	Net Ecological Benefit (NEB)	Project list	Technical considerations	Technical considerations	Technical considerations		Submit final plan to Ecology
Growth								
Tribal water	Intro to Net	Subbasins	Final plan review and	Technical considerations	Technical considerations	Technical considerations		Submit final plan to Ecology
Washington								
	Planning and	Additional considerations	Adaptive management					
	Subbasin							
	Consumptive	Decision on consumptive	Select project	Decision on changes to subbasin delineation	Decision on final project list	Draft plan refinement		Final NEB determination by Ecology
	Decision on growth	Decision on consumptive	Visit final					
Establish technical needs workgroup	Decision on initial subbasin delineation	Visit project sites	Develop and approve plan outline	Decision to include additional considerations in plan				Adoption of plan by Ecology



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