



DEPARTMENT OF
NATURAL
RESOURCES

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MEMORANDUM

May 28, 2024

TO: TFW Policy

FROM: Lori Clark, Adaptive Management Program Administrator (AMPA)
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SUBJECT: FY2026-2027 Master Project Schedule (MPS)

At the May 2024 meeting, the Board approved the draft FY2025-2027 biennium MPS, with the understanding that the Department of Natural Resources (DNR) would submit the Adaptive Management Program (AMP) legislative budget request of \$19,664,532 (a request for additional \$1.6 million dollar for the 25-27 biennium)) to provide on-going funding of the AMP and ensure the continuity of function as intended by existing laws and rules and as expected by key stakeholders and residents of the State of Washington. TFW Policy will need to make a decision at the July meeting for a recommendation to be forwarded to the Board at their August 2024 meeting.

The TFW Policy Budget Workgroup and the AMPA utilized the Contingency Plan to develop three MPS scenarios for the FY2026-2027 for TFW Policy consideration. All scenarios are based on current projections for General Funds State proviso (GF-S) and Forest and Fish Spending Account - AMP (Business and Occupation Tax surcharge). The legislature approved the 2023-2025 biennium operating budget with significantly reduced appropriations for the AMP. Based on these projections, the revenue is forecast to be \$16,090,874.

Scenario 1 Summary:

Scenario 1 is \$19,664,532 to fund the priorities of the AMP consistent with the [2023-2025 CMER Work Plan](#). This results in a \$1.6 million shortfall for the 2025-2027 biennium and will require the support of the AMP caucus' in the legislature. Key takeaways include:

- **NWIFC staff (line 10)** - Adding a riparian ecologist (\$349,606) to NWIFC staff, potentially serving as the Principal Investigator for Extensive Monitoring and implementation of Westside Type F.
- **Science review (line 20)** – Shifting \$480,000 to FY2028. The AMP is awaiting the UW/WDFW AMP report to meet the requirement for a science review of the program. TFW Policy will decide the scope and timeline for the next review once the report is delivered.
- **Public-facing Dashboard (line 23)** - \$24,000 to maintain the AMP Dashboard.
- **Facilitation funds (line 27)** – Adding \$50,000 for TFW Policy/CMER facilitation for FY2027.
- **Extensive Monitoring (line 34)** – Adding \$100,000.
- **Unstable Slopes Criteria (line 36)** – Increasing FY2027 budget from \$25,000 to \$75,000 for contract work on three projects in the implementation phase.

- **Eastside Type N Riparian Effectiveness (ENREP) (line 40)** – Adjusting funding needs due to additional monitoring requirements and project extensions.
 - FY2026 was \$489,632 (\$78K request was approved to meet the Study Design parameters (2 years post-harvest monitoring at each site). The funding need for would be \$567,632. \$620,632 includes extended monitoring request approval (approximately \$53K).
 - FY2027 was \$330,688. Extra funding needed for the Fish Creek extension (due to harvest complications) (\$78K increase). The funding need for would be \$408,688. \$535,688 includes extended monitoring request (increase \$~127K).
- **Westside Type F Riparian Management Zone Exploratory Study Report (line 41)**- Note that with the current assumptions for the implementation phase, the delays have resulted in the project completion being projected to be pushed into FY2032. FY2026 decreased from \$375,020 to \$200,000 due to project delays. Increased FY2027 budget from \$245,860 to \$450,024 to account for inflation.
- **Road Prescription-Scale Effectiveness Monitoring (line 42)** - Increasing FY2026 and FY2027 budget by 20% to account for inflation.
- **Wetlands Management Zone Effectiveness Monitoring (line 60)** – Postponing project by a biennium due to Schedule L-1 revisions. FY2026 decreased from \$100,000 to \$0 and FY2027 decreased from \$360,000 to \$50,000.
- **NGO & County Participation Funding (line 85)** – Increasing FY2026 and FY2027 by \$323,815 (\$161,907 per year) based on FY2024-2025 contract negotiations.

Scenario 2 Summary:

Scenario 2 implements the Contingency Plan options for cutting costs for potential budget shortfalls:

- reducing budget for all projects by 20%,
- removing funding for the following scoping and study design development of new projects,
 - Discontinuous Np Flow (for discussion), Wetlands Management Zone Effectiveness Monitoring, Extensive Monitoring, and
- removing biennial fiscal and performance audits of the AMP (SAO initiative).

Scenario 2 budget still has a \$944,825 budget deficit.

Scenario 3 Summary:

Scenario 3 adds the following budget cuts added to the Scenario 2:

- removing funding for Westside Type F implementation,
- reducing state/NGO/County participation agreements (assuming cutting travel) by 20%, and
- removing Contingency Funds, CMER Science Conference, AMP Dashboard.

Scenario 3 has a \$3,663 budget deficit.

Completed AMP Projects:

The follow projects expected to be completed in the 23-25 biennium, contingent upon succinct AMP review/approval process:

- **Hard Rock Phase III – Amphibian Demographics** - The Type N Experimental Buffer Treatment Project in Hard Rock Lithologies Amphibian Monitoring Phase III Data analysis and report writing to be completed in FY2025.
- **Riparian Literature Synthesis Project**- Review and approval expected by June 2024.
- **Eastside Timber Habitat Evaluation Project (ETHEP)** –Final report is scheduled to be completed this fall and will begin the AMP approval process with the expectation to be completed by June 30, 2025.

If the approval process is delayed, these projects may need additional funds in the 2025-2027 biennium.

[Compliance with the MPS schedule](#)

TFW Policy needs to determine whether the AMP is in substantial compliance with the MPS schedule and if ongoing projects are adhering to timelines to inform the Board at their August 2024 meeting. All ongoing projects on the MPS are on track to be completed by FY 2040 or sooner.

Attachments:

- Master Project Schedule and Budget for the Adaptive Management Program – FY 2025-2027 Biennium Scenario 1
- Master Project Schedule and Budget for the Adaptive Management Program – FY 2025-2027 Biennium Scenario 2
- Master Project Schedule and Budget for the Adaptive Management Program – FY 2025-2027 Biennium Scenario 3

1 **Master Project Schedule and Budget for the Adaptive Management Program**

2
3
4 Updated 05/13/2024

5	Expenditure	Projected FY2026	Projected FY2027
6	Administration and Program Staff		
7	Program Administration (AMPA and Contract Specialist)	353,684	353,684
8	Administrative Assistant (<i>supports TFW Policy & CMER</i>)	100,191	100,191
9	Project Support (4 Project Managers)	641,094	641,094
10	Full time CMER Scientists at the NWIFC (Up to 4 staff: Ecologist, Geologist, Riparian, Wetland)	735,467	748,338
11	CMER Scientist Eastside (NRS 4)	184,255	184,255
12	Independent Scientific Peer-Review	73,759	73,759
14	CMER Conference (Facility, refreshments, programs)	0	5,000
15	Contingency Fund for Projects	50,000	50,000
17	SAO Recommendations		
18	Onboarding and training for new members (CMER, Policy and Board)		
19	Technical Editor and CMER Statistical support (on-call contract)		
20	Science review of the program every five years	0	0
21	Biennial fiscal and performance audits of the AMP	200,000	
22	Review decision making model and principal participation - facilitated caucus principals' meetings		
23	Integrated online workspace for AMP and public facing dashboard (SAO Recommendation)	12,000	12,000
27	Facilitation Contingency Funds (SDM, Policy mediation/facilitation and CMER Technical Arbitration Panel on-call contracts)	50,000	50,000
28	Research and Monitoring Projects		
34	Extensive Monitoring: Type F/N Stream Temperature	50,000	50,000
36	Unstable Slopes Criteria - Projects	75,000	75,000
40	Eastside Type N Riparian Effectiveness (ENREP)	620,662	535,688
41	Westside Type F Riparian Prescription Monitoring	200,000	450,024
42	Road Prescription-Scale Effectiveness Monitoring	715,256	421,200
43	Deep Seated Research Strategy - Projects	200,000	100,000
50	Temperature and Amphibians in discontinuously flowing Np reaches	250,000	360,000
51	Eastside Timber Harvest Types Evaluation Project (ETHEP)	0	0
52	Water Typing Strategy (PHB Validation, Physicals, LiDAR Model Map)	1,158,900	1,153,400
53	Water Typing Strategy Anadromous Fish Floor (AFF)		
58	Riparian Characteristics and Shade Response	142,238	178,914
59	Forested Wetlands Effectiveness Study	85,000	35,000
60	Wetlands Management Zone Effectiveness Monitoring	0	50,000
61	Wetlands Intensive Monitoring		
62	Road Sub-Basin-Scale Effectiveness Monitoring -- Resample (Re-scoping)		
63	Watershed Scale Assessment of Cumulative Effects (roads and riparian) -- <i>post</i>	0	0
65	RMAP checklist survey		
67	Type Np Hard Rock Phase III - Amphibian Demographics	0	
68	Riparian Literature Synthesis Project		
70	AMP Research Expenses (Lines 6 to 67)	5,897,506	5,627,547

1,134,199

71	Projected Available Funds for Research (Rev. minus Partic Grants and Indirect)		3,995,683	3,995,683
72	Rollover funds from previous FY (1st FY to 2nd FY)			
73	Balance at the end of Fiscal Year (Funds + FY1 Rollover - Expenses)			
	REVENUE			
76	GF-S - AMP Carry Forward (i.e. base admin funding)	1,674,835	150,000	150,000
77	FFSA - AMP (Business and Occupation Tax surcharge)	12,076,874	6,038,437	6,038,437
78	GF-S - AMP Research (Biennium Legislative Request)	3,714,000	1,857,000	1,857,000
81	Subtotal of Revenue	17,465,709	8,045,437	8,045,437
	EXPENSES			
83	TFW Participation Agreements and Indirect			
84	Tribal Participation Agreements		2,750,000	2,750,000
85	NGO and County Participation Funding		680,000	680,000
86	State Agencies		358,645	358,645
87	FFSA DAHP (Dept. Archeology & Historic Preservation)		94,500	94,500
88	FFSA DNR Indirect		166,610	166,610
89	Subtotal of TFW Participation Agreements, DAHP, and indirect		4,049,755	4,049,755
	PROGRAM TOTALS			
91	Revenue		8,045,437	8,045,437
92	AMP Research Expenses		5,897,506	5,627,547
93	TFW Participation Agreements and Indirect		4,049,755	4,049,755
94	Balance at the end of each fiscal year		(1,901,823)	(1,631,864)
95	Cumulative Balance at end of Biennium			(3,533,688)

Total

Scenario 1: Advocate for full funding for AMP priorities

Master Project Schedule and Budget for the Adaptive Management Program

Updated 05/13/2024

Expenditure	Projected FY2026	Projected FY2027	
Administration and Program Staff			
Program Administration (AMPA and Contract Specialist)	353,684	353,684	
Administrative Assistant (<i>supports TFW Policy & CMER</i>)	100,191	100,191	
Project Support (4 Project Managers)	641,094	641,094	
Full time CMER Scientists at the NWIFC (Up to 4 staff: Ecologist, Geologist, Riparian, Wetland)	554,355	579,844	removed rip ecy
CMER Scientist Eastside (NRS 4)	184,255	184,255	
Independent Scientific Peer-Review	73,759	73,759	
CMER Conference (Facility, refreshments, programs)	0	5,000	
Contingency Fund for Projects	50,000	50,000	
SAO Recommendations			
Onboarding and training for new members (CMER, Policy and Board)			
Technical Editor and CMER Statistical support (on-call contract)			
Science review of the program every five years	0	0	
Biennial fiscal and performance audits of the AMP	0		
Review decision making model and principal participation - facilitated caucus principals' meetings			
Integrated online workspace for AMP and public facing dashboard (SAO Recommendation)	12,000	12,000	
Facilitation Contingency Funds (SDM, Policy mediation/facilitation and CMER Technical Arbitration Panel on-call contracts)	50,000	50,000	4,069,165
Research and Monitoring Projects			
Extensive Monitoring: Type F/N Stream Temperature	0	0	
Unstable Slopes Criteria - Projects	60,000	60,000	
Eastside Type N Riparian Effectiveness (ENREP)	496,530	428,550	
Westside Type F Riparian Prescription Monitoring	160,000	360,019	
Road Prescription-Scale Effectiveness Monitoring	572,205	336,960	
Deep Seated Research Strategy - Projects	160,000	80,000	
Temperature and Amphibians in discontinuously flowing Np reaches	0	0	
Eastside Timber Harvest Types Evaluation Project (ETHEP)	0	0	
Water Typing Strategy (PHB Validation, Physicals, LiDAR Model Map)	927,120	922,720	
Water Typing Strategy Anadromous Fish Floor (AFF)			
Riparian Characteristics and Shade Response	113,790	143,131	
Forested Wetlands Effectiveness Study	68,000	28,000	
Wetlands Management Zone Effectiveness Monitoring	0	0	
Wetlands Intensive Monitoring			
Road Sub-Basin-Scale Effectiveness Monitoring -- Resample (Re-scoping)			
Watershed Scale Assessment of Cumulative Effects (roads and riparian) -- post	0	0	
RMAP checklist survey			
Type Np Hard Rock Phase III - Amphibian Demographics	0		
Riparian Literature Synthesis Project			4,917,026
AMP Research Expenses (Lines 6 to 67)	4,576,983	4,409,208	8,986,190
Projected Available Funds for Research (Rev. minus Partic Grants and Indirect)	3,995,683	3,995,683	
Rollover funds from previous FY (1st FY to 2nd FY)			
Balance at the end of Fiscal Year (Funds + FY1 Rollover - Expenses)			

REVENUE				
GF-S - AMP Carry Forward (i.e. base admin funding)	1,674,835	150,000	150,000	300,000
FFSA - AMP (Business and Occupation Tax surcharge)	12,076,874	6,038,437	6,038,437	12,076,874
GF-S - AMP Research (<i>Biennium Legislative Request</i>)	3,714,000	1,857,000	1,857,000	3,714,000
Subtotal of Revenue	17,465,709	8,045,437	8,045,437	16,090,874
EXPENSES				
TFW Participation Agreements and Indirect				
Tribal Participation Agreements		2,750,000	2,750,000	
NGO and County Participation Grants		680,000	680,000	
State Agencies		358,645	358,645	
FFSA DAHP (Dept. Archeology & Historic Preservation)		94,500	94,500	
FFSA DNR Indirect		166,610	166,610	
Subtotal of TFW Participation Agreements, DAHP, and indirect		4,049,755	4,049,755	8,099,509
PROGRAM TOTALS				
Revenue		8,045,437	8,045,437	
AMP Research Expenses		4,576,983	4,409,208	
TFW Participation Agreements and Indirect		4,049,755	4,049,755	
		(581,300)	(413,525)	
			(994,825)	
Cumulative Balance at end of Biennium				

Total

17,085,699

Scenario 2: Pause the scoping and study design development of new projects or do not acquire external expertise for this category of work as well as pause implementation except for Board priorities

Reduced budget for projects by 20%

Removed projects: Discontinuous Np Flow (for discussion), WMZ, Extensive Monitoring, and the biennial fiscal and performance audits of the AMP

Master Project Schedule and Budget for the Adaptive Management Program

Updated 05/13/2024

Expenditure	Projected FY2026	Projected FY2027	
Administration and Program Staff			
Program Administration (AMPA and Contract Specialist)	353,684	353,684	
Administrative Assistant (<i>supports TFW Policy & CMER</i>)	100,191	100,191	
Project Support (4 Project Managers)	641,094	641,094	
Full time CMER Scientists at the NWIFC (Up to 4 staff: Ecologist, Geologist, Riparian, Wetland)	554,355	579,844	removed rip ecy
CMER Scientist Eastside (NRS 4)	184,255	184,255	
Independent Scientific Peer-Review	73,759	73,759	
CMER Conference (Facility, refreshments, programs)	0	0	
Contingency Fund for Projects	0	0	
SAO Recommendations			
Onboarding and training for new members (CMER, Policy and Board)			
Technical Editor and CMER Statistical support (on-call contract)			
Science review of the program every five years	0	0	
Biennial fiscal and performance audits of the AMP	0		
Review decision making model and principal participation - facilitated caucus principals' meetings			
Integreated online workspace for AMP and public facing dashboard (SAO Recommendation)	0	0	
Facilitation Contingency Funds (SDM, Policy mediation/facilitation and CMER Technical Arbitration Panel on-call contracts)	50,000	50,000	3,940,165
Research and Monitoring Projects			
Extensive Monitoring: Type F/N Stream Temperature	0	0	
Unstable Slopes Criteria - Projects	60,000	60,000	
Eastside Type N Riparian Effectiveness (ENREP)	505,796	472,598	
Westside Type F Riparian Prescription Monitoring	0	0	
Road Prescription-Scale Effectiveness Monitoring	572,205	336,960	
Deep Seated Research Strategy - Projects	160,000	100,000	
Temperature and Amphibians in discontinuously flowing Np reaches	0	0	
Eastside Timber Harvest Types Evaluation Project (ETHEP)	0	0	
Water Typing Strategy (PHB Validation, Physicals, LiDAR Model Map)	927,120	922,720	
Water Typing Strategy Anadromous Fish Floor (AFF)			
Riparian Characteristics and Shade Response	113,790	143,131	
Forested Wetlands Effectiveness Study	68,000	28,000	
Wetlands Management Zone Effectiveness Monitoring	0	0	
Wetlands Intensive Monitoring			
Road Sub-Basin-Scale Effectiveness Monitoring -- Resample (Re-scoping)			
Watershed Scale Assessment of Cumulative Effects (roads and riparian) -- <i>post</i>	0	0	
RMAP checklist survey			
Type Np Hard Rock Phase III - Amphibian Demographics	0		
Riparian Literature Synthesis Project			4,470,321
AMP Research Expenses (Lines 6 to 67)	4,364,249	4,046,236	8,410,486
Projected Available Funds for Research (Rev. minus Partic Grants and Indirect)	4,203,412	4,203,412	
Rollover funds from previous FY (1st FY to 2nd FY)			
Balance at the end of Fiscal Year (Funds + FY1 Rollover - Expenses)			

REVENUE				
GF-S - AMP Carry Forward (i.e. base admin funding)	1,674,835	150,000	150,000	300,000
FFSA - AMP (Business and Occupation Tax surcharge)	12,076,874	6,038,437	6,038,437	12,076,874
GF-S - AMP Research (<i>Biennium Legislative Request</i>)	3,714,000	1,857,000	1,857,000	3,714,000
Subtotal of Revenue	17,465,709	8,045,437	8,045,437	16,090,874
EXPENSES				
TFW Participation Agreements and Indirect				
Tribal Participation Agreements		2,750,000	2,750,000	
NGO and County Participation Grants		544,000	544,000	
State Agencies				
FFSA DAHP (Dept. Archeology & Historic Preservation)		286,916	286,916	
FFSA DNR Indirect		94,500	94,500	
FFSA DNR Indirect		166,610	166,610	
Subtotal of TFW Participation Agreements, DAHP, and indirect		3,842,026	3,842,026	7,684,051
PROGRAM TOTALS				
Revenue		8,045,437	8,045,437	
AMP Research Expenses		4,364,249	4,046,236	
TFW Participation Agreements and Indirect		3,842,026	3,842,026	
		(160,838)	157,175	
			(3,663)	

Total

16,094,537

Scenario 3: Pause the scoping and study design development of new projects or do not acquire external expertise for this category of work as well as pause implementation except for Board priorities

Reduced budget for projects, state/NGO/County participation agreements (assuming cutting travel) by 20%

Removed Contingency Funds, CMER Science Conference, AMP Dashboard.

Removed projects: Extensive Monitoring, Westside Type F (next pahse), Discontinuous Np Flow, WMZ