

Working Draft - Reformatted and updated respond to unexpected budget shortfall and need to r

Master Project Schedule and Budget for the Adaptive Management Program Proposed Adjustments to 20/21 Biennium

Original budget approved by the Forest Practices Board 09 May 2019 with Amendment

Modified and Recommended by Policy 11 July 2019

Expenditure	Origin	FY2020
Administration and Program Staff		
Program Administration (AMPA and Contract Specialist)		261,500
Administrative Assistant (supports TFW Policy & CMER)		60,000
Project Support (3.75 Project Managers)		361,700
CMER Scientists (4 at NWIFC: Ecologist, Geologist, Riparian, Wetlands)		638,845
CMER Scientist Eastside (NRS 4)		128,750
Independent Scientific Peer-Review		67,500
Information Management System Updates		
CMER Conference (Facility, refreshments, programs)		5,000
Contingency Fund for Projects		61,849
TFW Policy Committee Facilitation (on-call contract)		30,000
Technical Editor (on-call contract)		15,000
Policy Committee Non-CMER Initiatives		
Type Np Workgroup (Collaborative Research Allowance, Direct Buy, & Enhanced Participation Grants)		200,000
AMP Principals Facilitation (Center for Conservation Peacebuilding)		150,000
Research and Monitoring Projects		
Hard Rock Lithology- Type N Experimental Buffer Treatment Project - Temperature Monitoring (Report extended data)		124,175
Hard Rock Lithology- Type N Experimental Buffer Treatment Project - Extended Amphibian (Analysis & Summary Report)		51,563
Soft Rock Lithology -Type N Experimental Buffer Treatment Project - (1) Monitoring ends fall 2017, 2-yr post-harvest	CWA	20,000
Soft Rock Lithology -Type N Experimental Buffer Treatment Project - Extended monitoring through 2020 (FY21)		139,000
Extensive Riparian Status and Trends Monitoring -- Vegetation, Type F/N - Westside (Remote Sensing) Transferability Report		15,000
Unstable Slopes Criteria - Object-based Landform Mapping	CWA	95,000
Unstable Slopes Criteria - Shallow Landslide Susceptibility	CWA	0
Unstable Slopes Criteria - Shallow Landslide Runout	CWA	

<i>Unstable Slopes Criteria - Management Susceptibility Modeling</i>	CWA	
Eastside Type N Riparian Effectiveness (ENREP)	CWA	907,968
Westside Type F Riparian Prescription Monitoring	CWA	125,000
Road Prescription-Scale Effectiveness Monitoring	CWA	374,500
<i>Deep Seated Research Strategy -- Mapping Objectives</i>		75,000
<i>Deep Seated Research Strategy -- Pilot Classification</i>		50,000
<i>Deep Seated Research Strategy -- Toolkit Development</i>		
<i>Deep Seated Research Strategy -- Groundwater Modeling</i>		
<i>Deep Seated Research Strategy -- Physical Modeling</i>		
<i>Deep Seated Research Strategy -- Landslide Monitoring</i>		
Amphibians in Intermittent Streams	CWA	50,000
Eastside Timber Harvest Types Evaluation Project (ETHEP)		0
Water Typing Strategy (PHB Validation, Physicals, LiDAR Model Map)	FPB	65,850
Fish/Habitat Detection using eDNA -- re-scoped to pilot project		0
Riparian Literature Synthesis Project		0
Wetlands Intrinsic Potential (WIP) Tool		0
Literature Review -- Forested Wetlands (Updated; WetSAG)		0
Riparian Characteristics and Shade Response		10,000
Forested Wetlands Effectiveness Study	CWA	15,000
Wetlands Management Zone Effectiveness Monitoring (Study Design in FY20/21 by CMER Sci)	CWA	0
Wetlands Intensive Monitoring	CWA	
Road Sub-Basin-Scale Effectiveness Monitoring -- Resample (Re-scoping)	CWA	
Watershed Scale Assessment of Cumulative Effects (roads and riparian) -- <i>post</i> Effectiveness Monitoring	CWA	
EMEP - for going through ISPR review.		0
RMAP checklist survey		0
AMP Research Expenses (Lines 6 to 53)		4,098,200
Projected Available Funds for Research (Rev. minus Partic Grants and Indirect)		4,098,200
Rollover funds from previous FY (1st FY to 2nd FY)		0
Balance at the end of Fiscal Year (Funds + FY1 Rollover - Expenses)		0
REVENUE		
GF-S - AMP Carry Forward (i.e. base admin funding)		260,700
GF-S - AMP Research (1,870,000 +/- 40,000)		1,897,000
FFSA - AMP (Business and Occupation Tax surcharge)		5,677,000
Subtotal of Revenue		7,834,700
EXPENSES		
TFW Participation Agreements		

Tribal Participation Agreements (5,000,000/2)	2,500,000
NGO and County Participation Grants (506000/2 + 165000/2 + 165000/2 + 119000FY20 + 100093FY21)	475,500
State Agencies (WDFW 295885 FY20 or 318385 FY21 + ECY 253000/2)	430,000
FFSA DAHP (Dept. Archeology & Historic Preservation)	94,500
FFSA DNR Indirect	236,500
<i>Subtotal of TFW Participation Agreements and indirect</i>	<i>3,736,500</i>
PROGRAM TOTALS	
Revenue	7,834,700
AMP Research Expenses	4,098,200
TFW Participation Agreements and Indirect	3,736,500
<i>Balance at the end of each fiscal year</i>	<i>0</i>
Cumulative Balance at end of Biennium	

Bienn

DNR Table 1 "Tot
Hiring Freeze (DN
Tribal participatic
Non-tribal partici
Master Project Sc
Reduced FFSA fur
Add Pre-Assumec



Reduce MPS in 20/21 Biennium by \$1,911,175

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Version: 4/29/2020

Nomenclature: Blue shaded cells in out-years represent
"0" means project is ongoing but

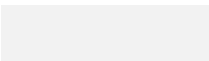
Revised FY2020	FY2021	Revised FY2021	FY2022	Revised FY2022	FY2023
254,600	261,500	254,600	269,345	262,200	269,345
56,100	89,000	93,300	91,670	96,300	91,670
489,700	361,700	598,300	372,551	616,200	372,551
498,275	597,183	350,255	615,098	664,078	615,098
94,600	128,750	167,000	132,613	177,100	132,613
95,874	67,500	67,500	69,525	69,525	69,525
0		4,000		4,000	
0	0	0	10,000	0	10,000
40,000	140,000	0	100,000	100,000	100,000
0	15,000	0			
0					
117,000	0	7,400			
150,000	0	0			
124,175	28,884	28,884			
36,715	34,848	34,848		15,000	
20,000	0	0			
139,000	151,000	151,000	0		
19,000	0	0			
8,840	0	0		28,450	
0	10,000	0	250,000	50,000	150,000
	10,000	0			90,000

					10,000
696,376	723,434	632,481	686,719	687,717	626,609
125,000	0	0	35,000	78,702	150,000
402,204	330,500	428,920	403,000	521,980	
0	100,000	0	100,000	100,000	25,000
0	65,000	0	40,000	40,000	25,000
			20,000	25,000	
			75,000	0	50,000
			0	0	75,000
			0	0	25,000
10,000	80,000	35,000	250,000	80,000	360,000
0	0	0			
75,000	552,456	0			
0		0			
	0	0			
10,773					
11,439					
10,875	121,445	0	341,000	98,955	330,000
7938	150,000	0	232,500	165,000	232,500
0	0	0	100,000	100,000	0
11,306					
0	0	0			
3,504,790	4,018,200	2,853,488	4,194,021	3,980,207	3,809,911
4,138,725	4,018,200	4,157,964	3,975,607	4,138,725	4,018,200
0	0	0	0	0	(218,414)
633,935	0	1,304,476	(218,414)	158,518	(10,125)
271,156	260,700	271,156	260,700	271,156	260,700
1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000
5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000
7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700

2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
537,332	475,500	518,093	518,093	537,332	475,500
367,990	430,000	367,990	430,000	367,990	430,000
94,500	94,500	94,500	94,500	94,500	94,500
166,610	236,500	166,610	236,500	166,610	236,500
<u>3,666,432</u>	<u>3,736,500</u>	<u>3,647,193</u>	<u>3,779,093</u>	<u>3,666,432</u>	<u>3,736,500</u>
7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700
3,504,790	4,018,200	2,853,488	4,194,021	3,980,207	3,809,911
3,666,432	3,736,500	3,647,193	3,779,093	3,666,432	3,736,500
<u>633,935</u>	<u>0</u>	<u>1,304,476</u>	<u>(218,414)</u>	<u>158,518</u>	<u>208,289</u>
	633,935	1,938,410			148,393

Material Reduction in MPS Required 1,911,175
 Balance 27,235
 Plus tribal savings 88000
 Minus co-chair stipends FY21 -50000
Adjusted Balance: 65,235

Total Contribution from AMP" Includes the Following:		
IR/NWIFC) and future vacancies		\$337,909
on grants underspending (1.6%)		\$88,000
pation grants		\$0
chedule adjustments		\$868,486
nd contribution to DNR agency overhead		\$139,780
	Sub Total	\$1,434,175
nd Unspent Fund Amount:		\$477,000
	Grand Total Cut Needed:	\$1,911,175



present revised estimates.

it requires no earmarked funds in MPS at this time.

Out years apply a 2% per bienni

Revised FY2023	FY2024	Revised FY2024	FY2025	Revised FY2025	FY2026
339,950	277,425	346,749	277,425	346,749	285,748
96,300	94,420	98,226	94,420	98,226	97,253
616,200	383,728	628,524	383,728	628,524	395,239
704,711	633,551	718,805	633,551	718,805	652,558
177,100	136,591	180,642	136,591	180,642	140,689
69,525	71,611	71,611	71,611	71,611	73,759
4,000		4,000		4,000	
5,000	10,000	10,000			10,000
0	100,000	100,000		0	100,000
0					
150,000		78,960		25,000	
50,000		100,000		25,000	

0	150,000	25,000		100,000	
702,035	366,695	737,632	152,267	590,730	
136,318	250,000	136,318	150,000	136,318	250,000
546,980		506,980		486,980	
60,000	25,000	25,000			
25,000	50,000	50,000			
50,000	50,000	100,000		125,000	
75,000	50,000	50,000		50,000	
25,000	25,000	25,000		25,000	
250,000	360,000	360,000	360,000	360,000	
188,190	20,000	188,190		20,000	
232,500	150,000	182,500	150,000	200,000	150,000
0	360,000	360,000	360,000	360,000	360,000
					50,000
					5,000
4,503,809	3,564,021	5,084,137	2,769,593	4,552,585	2,570,246
4,157,964	4,018,200	4,138,725	4,018,200	4,157,964	4,018,200
158,518	0	0	454,179	(945,412)	0
(187,328)	454,179	(945,412)	1,702,786	(1,340,034)	1,447,954
271,156	260,700	271,156	260,700	271,156	260,700
1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000
5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000
7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700

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2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
518,093	475,500	537,332	475,500	518,093	475,500
367,990	430,000	367,990	430,000	367,990	430,000
94,500	94,500	94,500	94,500	94,500	94,500
166,610	236,500	166,610	236,500	166,610	236,500
<u>3,647,193</u>	<u>3,736,500</u>	<u>3,666,432</u>	<u>3,736,500</u>	<u>3,647,193</u>	<u>3,736,500</u>
7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700
4,503,809	3,564,021	5,084,137	2,769,593	4,552,585	2,570,246
3,647,193	3,736,500	3,666,432	3,736,500	3,647,193	3,736,500
(345,846)	454,179	(945,412)	1,248,607	(394,621)	1,447,954
20,961			757,373	(91,427)	



75,000		25,000			
550,511		289,904		93,550	
136,318	250,000	127,289	40,000	21,600	20,000
486,980		291,000		75,000	
25,000					
100,000		175,000		175,000	
25,000		25,000		25,000	
360,000		75,000		25,000	
150,000	200,000	150,000	200,000	200,000	200,000
360,000	360,000	360,000	100,000	100,000	45,000
0		0		0	
5,000	50,000	50,000	340,000	340,000	340,000
4,473,973	2,605,246	3,658,357	2,484,603	3,297,775	2,399,603
4,138,725	4,018,200	4,157,964	4,018,200	4,138,725	4,018,200
0	1,447,954	(335,249)	0	0	1,533,597
(335,249)	2,860,908	164,358	1,533,597	840,949	3,152,194
271,156	260,700	271,156	260,700	271,156	260,700
1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000
5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000
7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700

9,150

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2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
537,332	475,500	518,093	475,500	537,332	475,500
367,990	430,000	367,990	430,000	367,990	430,000
94,500	94,500	94,500	94,500	94,500	94,500
166,610	236,500	166,610	236,500	166,610	236,500
<u>3,666,432</u>	<u>3,736,500</u>	<u>3,647,193</u>	<u>3,736,500</u>	<u>3,666,432</u>	<u>3,736,500</u>
7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700
4,473,973	2,605,246	3,658,357	2,484,603	3,297,775	2,399,603
3,666,432	3,736,500	3,647,193	3,736,500	3,666,432	3,736,500
(335,249)	1,412,954	499,606	1,533,597	840,949	1,618,597
	2,525,660	1,577,312			3,993,143



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2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
518,093	475,500	537,332	475,500	518,093	475,500
367,990	430,000	367,990	430,000	367,990	430,000
94,500	94,500	94,500	94,500	94,500	94,500
166,610	236,500	166,610	236,500	166,610	236,500
<u>3,647,193</u>	<u>3,736,500</u>	<u>3,736,500</u>	<u>3,736,500</u>	<u>3,736,500</u>	<u>3,736,500</u>
7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700
3,142,625	1,895,441	2,735,957	1,742,266	2,625,957	1,791,534
3,647,193	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500
<u>1,015,338</u>	<u>2,122,759</u>	<u>1,332,699</u>	<u>2,275,934</u>	<u>1,442,699</u>	<u>2,226,666</u>
3,474,885			5,731,391	5,051,331	



2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
537,332	475,500	518,093	475,500	537,332	475,500
367,990	430,000	367,990	430,000	367,990	430,000
94,500	94,500	94,500	94,500	94,500	94,500
166,610	236,500	166,610	236,500	166,610	236,500
3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500
7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700
2,770,179	1,791,534	2,220,179	1,842,280	2,365,309	1,842,280
3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500
1,298,477	2,226,666	1,848,477	2,175,920	1,703,347	2,175,920
	5,751,809	5,373,620			6,055,188





Revised FY2035	Cumulative Cost of Project
382,839	
108,449	
693,941	
793,619	
199,443	
83,016	
4,000	
0	

2,500,000

518,093

367,990

94,500

166,610

3,736,500

7,805,156

2,265,309

3,736,500

1,803,347

5,682,615



