Working Draft - Reformatted and updated respond to unexpected budget shortfall and need to reduce MPS in 20/21 Biennium by $1,911,175

Master Project Schedule and Budget for the Adaptive Management Program

Proposed Adjustments to 20/21 Biennium *Version: 4/29/2020*

Nomenclature: Blue shaded cells in out-years represent revised estimates.

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

"0" means project is ongoing but requires no earmarked funds in MPS at this time.

Out years apply a 2% per biennium COLA to Administrative Personnel Costs

Modified and Recommended by Policy 11 July 2019

Expenditure	Origin	FY2020	Revised FY2020	FY2021	Revised FY2021	FY2022	Revised FY2022	FY2023	Revised FY2023	FY2024	Revised FY2024	FY2025	Revised FY2025	FY2026	Revised FY2026	FY2027	Revised FY2027	FY2028	Revised FY2028	FY2029	Revised FY2029	FY2030	Revised FY2030	FY2031	Revised FY2031	FY2032	Revised FY2032	FY2033	Revised FY2033	FY2034
Administration and Program Staff																														
Program Administration (AMPA and Contract Specialist)		261,500	254,600	261,500	254,600	269,345	262,200	269,345	339,950	277,425	346,749	277,425	346,749	285,748	353,684	285,748	353,684	294,321	360,758	294,321	360,758	303,150	367,973	303,150	367,973	312,245	375,332	312,245	375,332	321,612
Administrative Assistant *(supports TFW Policy & CMER)*		60,000	56,100	89,000	93,300	91,670	96,300	91,670	96,300	94,420	98,226	94,420	98,226	97,253	100,191	97,253	100,191	100,170	102,194	100,170	102,194	103,175	104,238		104,238		106,323		106,323	
Project Support (3.75 Project Managers)		361,700	489,700	361,700	598,300	372,551	616,200	372,551	616,200	383,728	628,524	383,728	628,524	395,239	641,094	395,239	641,094	407,097	653,916	407,097	653,916	419,309	666,995	419,309	666,995	431,889	680,335	431,889	680,335	444,845
CMER Scientists (4 at NWIFC: Ecologist, Geologist, Riparian, Wetlands)		638,845	498,275	597,183	350,255	615,098	664,078	615,098	704,711	633,551	718,805	633,551	718,805	652,558	733,181	652,558	733,181	672,135	747,845	672,135	747,845	692,299	762,802	692,299	762,802	713,068	778,058	713,068	778,058	734,460
CMER Scientist Eastside (NRS 4)		128,750	94,600	128,750	167,000	132,613	177,100	132,613	177,100	136,591	180,642	136,591	180,642	140,689	184,255	140,689	184,255	144,909	187,940	144,909	187,940	149,257	191,699	149,257	191,699	153,734	195,533	153,734	195,533	158,346
Independent Scientific Peer-Review		67,500	95,874	67,500	67,500	69,525	69,525	69,525	69,525	71,611	71,611	71,611	71,611	73,759	73,759	73,759	73,759	75,972	75,972	75,972	75,972	78,251	78,251	78,251	78,251	80,599	80,599	80,599	80,599	83,016
Information Management System Updates			0		4,000		4,000		4,000		4,000		4,000		4,000		4,000		4,000		4,000		4,000		4,000		4,000		4,000	
CMER Conference (Facility, refreshments, programs)		5,000	0	0	0	10,000	0	10,000	5,000	10,000	10,000			10,000	10,000			10,000	10,000			10,000	10,000							
Contingency Fund for Projects		61,849	40,000	140,000	0	100,000	100,000	100,000	0	100,000	100,000		0	100,000	100,000	100,000	0	100,000	100,000	100,000	0	100,000	100,000	100,000	0	100,000	100,000	100,000	0	100,000
TFW Policy Committee Facilitation (on-call contract)		30,000	0	15,000	0																									
Technical Editor (on-call contract)		15,000	0																											
Policy Committee Non-CMER Initiatives																														
Type Np Workgroup (Collaborative Research Allowance, Direct Buy, & Enhanced Participation Grants)		200,000	117,000	0	7,400																									
AMP Principals Facilitation (Center for Conservation Peacebuilding)		150,000	150,000	0	0																									
Research and Monitoring Projects																														
Hard Rock Lithology- Type N Experimental Buffer Treatment Project - Temperature Monitoring (Report extended data)		124,175	124,175	28,884	28,884																									
Hard Rock Lithology- Type N Experimental Buffer Treatment Project - Extended Amphibian (Analysis & Summary Report)		51,563	36,715	34,848	34,848		15,000																							
Soft Rock Lithology -Type N Experimental Buffer Treatment Project - (1) Monitoring ends fall 2017, 2-yr post-harvest	CWA	20,000	20,000	0	0																									
Soft Rock Lithology -Type N Experimental Buffer Treatment Project - Extended monitoring through 2020 (FY21)		139,000	139,000	151,000	151,000	0																								
Extensive Riparian Status and Trends Monitoring -- Vegetation, Type F/N - Westside (Remote Sensing) Transferability Report		15,000	19,000	0	0																									
Unstable Slopes Criteria - Object-based Landform Mapping	CWA	95,000	8,840	0	0		28,450		0																					
Unstable Slopes Criteria - Shallow Landslide Susceptibility	CWA	0	0	10,000	0	250,000	50,000	150,000	150,000		78,960		25,000																	
Unstable Slopes Criteria - Shallow Landslide Runout	CWA			10,000	0			90,000	50,000		100,000		25,000																	
Unstable Slopes Criteria - Management Susceptibility Modeling	CWA							10,000	0	150,000	25,000		100,000		75,000		25,000													
Eastside Type N Riparian Effectiveness (ENREP)	CWA	907,968	696,376	723,434	632,481	686,719	687,717	626,609	702,035	366,695	737,632	152,267	590,730		550,511		289,904		93,550											
Westside Type F Riparian Prescription Monitoring	CWA	125,000	125,000	0	0	35,000	78,702	150,000	136,318	250,000	136,318	150,000	136,318	250,000	136,318	250,000	127,289	40,000	21,600	20,000	20,000									
Road Prescription-Scale Effectiveness Monitoring	CWA	374,500	402,204	330,500	428,920	403,000	521,980		546,980		506,980		486,980		486,980		291,000		75,000		25,000									
Deep Seated Research Strategy -- Mapping Objectives		75,000	0	100,000	0	100,000	100,000	25,000	60,000	25,000	25,000																			
Deep Seated Research Strategy -- Pilot Classification		50,000	0	65,000	0	40,000	40,000	25,000	25,000	50,000	50,000																			
Deep Seated Research Strategy -- Toolkit Development						20,000	25,000																							
Deep Seated Research Strategy -- Groundwater Modeling						75,000	0	50,000	50,000	50,000	100,000		125,000		25,000															
Deep Seated Research Strategy -- Physical Modeling						0	0	75,000	75,000	50,000	50,000		50,000		100,000		175,000		175,000		25,000									
Deep Seated Research Strategy -- Landslide Monitoring						0	0	25,000	25,000	25,000	25,000		25,000		25,000		25,000		25,000		25,000									
Amphibians in Intermittent Streams	CWA	50,000	10,000	80,000	35,000	250,000	80,000	360,000	250,000	360,000	360,000	360,000	360,000		360,000		75,000		25,000											
Eastside Timber Harvest Types Evaluation Project (ETHEP)		0	0	0	0																									
Water Typing Strategy (PHB Validation, Physicals, LiDAR Model Map)	FPB	65,850	75,000	552,456	0																									
Fish/Habitat Detection using eDNA -- re-scoped to pilot project		0	0		0																									
Riparian Literature Synthesis Project		0		0	0																									
Wetlands Instrinsic Potential (WIP) Tool		0	10,773																											
Literature Review -- Forested Wetlands (Updated; WetSAG)		0	11,439																											
Riparian Characteristics and Shade Response		10,000	10,875	121,445	0	341,000	98,955	330,000	188,190	20,000	188,190		20,000																	
Forested Wetlands Effectiveness Study	CWA	15,000	7938	150,000	0	232,500	165,000	232,500	232,500	150,000	182,500	150,000	200,000	150,000	150,000	200,000	150,000	200,000	200,000	200,000	0	40,000	0							
Wetlands Management Zone Effectiveness Monitoring (Study Design in FY20/21 by CMER Sci)	CWA	0	0	0	0	100,000	100,000	0	0	360,000	360,000	360,000	360,000	360,000	360,000	360,000	360,000	100,000	100,000	45,000	450,000									
Wetlands Intensive Monitoring	CWA													50,000	0		0		0		50,000		200,000		200,000		200,000			
Road Sub-Basin-Scale Effectiveness Monitoring -- Resample (Re-scoping)	CWA																				75,000		250,000		250,000		250,000			
Watershed Scale Assessment of Cumulative Effects (roads and riparian) -- *post* Effectiveness Monitoring	CWA													5,000	5,000	50,000	50,000	340,000	340,000	340,000	340,000									
EMEP - for aping through ISPR review.		0	11,306																											
RMAP checklist survey		0	0	0	0																									
AMP Research Expenses (Lines 6 to 53)		4,098,200	3,504,790	4,018,200	2,853,488	4,194,021	3,980,207	3,809,911	4,503,809	3,564,021	5,084,137	2,769,593	4,552,585	2,570,246	4,473,973	2,605,246	3,658,357	2,484,603	3,297,775	2,399,603	3,142,625	1,895,441	2,735,957	1,742,266	2,625,957	1,791,534	2,770,179	1,791,534	2,220,179	1,842,280
Projected Available Funds for Research (Rev. minus Partic Grants and Indirect)		4,098,200	4,138,725	4,018,200	4,157,964	3,975,607	4,138,725	4,018,200	4,157,964	4,018,200	4,138,725	4,018,200	4,157,964	4,018,200	4,138,725	4,018,200	4,157,964	4,018,200	4,138,725	4,018,200	4,157,964	4,018,200	4,068,656	4,018,200	4,068,656	4,018,200	4,068,656	4,018,200	4,068,656	4,018,200
Rollover funds from previous FY (1st FY to 2nd FY)		0	0	0	0	0	0	(218,414)	158,518	0	0	454,179	(945,412)	0	0	1,447,954	(335,249)	0	0	1,533,597	840,949	0	0	2,122,759	1,332,699	0	0	2,226,666	1,298,477	0
Balance at the end of Fiscal Year *(Funds + FY1 Rollover - Expenses)*		0	633,935	0	1,304,476	(218,414)	158,518	(10,125)	(187,328)	454,179	(945,412)	1,702,786	(1,340,034)	1,447,954	(335,249)	2,860,908	164,358	1,533,597	840,949	3,152,194	1,856,288	2,122,759	1,332,699	4,398,693	2,775,397	2,226,666	1,298,477	4,453,332	3,146,954	2,175,920
REVENUE																														
GF-S - AMP Carry Forward (i.e. base admin funding)		260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700	271,156	260,700
GF-S - AMP Research (1,870,000 +/- 40,000)		1,897,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000	1,857,000	1,817,000
FFSA - AMP (Business and Occupation Tax surcharge)		5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000	5,677,000
Subtotal of Revenue		7,834,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700
EXPENSES																														
TFW Participation Agreements																														
Tribal Participation Agreements (5,000,000/2)		2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
NGO and County Participation Grants (506000/2 + 165000/2 + 165000/2 + 119000FY20 + 100933FY21)		475,500	537,332	475,500	518,093	518,093	537,332	475,500	518,093	475,500	537,332	475,500	518,093	475,500	537,332	475,500	518,093	475,500	537,332	475,500	518,093	475,500	537,332	475,500	518,093	475,500	537,332	475,500	518,093	475,500
State Agencies (WDFW 295885 FY20 or 318385 FY21 + ECY 253000/2)		430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000	367,990	430,000
FFSA DAHP (Dept. Archeology & Historic Preservation)		94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500	94,500
FFSA DNR Indirect		236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500	166,610	236,500
Subtotal of TFW Participation Agreements and indirect		3,736,500	3,666,432	3,736,500	3,647,193	3,779,093	3,666,432	3,736,500	3,647,193	3,736,500	3,666,432	3,736,500	3,647,193	3,736,500	3,666,432	3,736,500	3,647,193	3,736,500	3,666,432	3,736,500	3,647,193	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500
PROGRAM TOTALS																														
Revenue		7,834,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700	7,805,156	7,754,700
AMP Research Expenses		4,098,200	3,504,790	4,018,200	2,853,488	4,194,021	3,980,207	3,809,911	4,503,809	3,564,021	5,084,137	2,769,593	4,552,585	2,570,246	4,473,973	2,605,246	3,658,357	2,484,603	3,297,775	2,399,603	3,142,625	1,895,441	2,735,957	1,742,266	2,625,957	1,791,534	2,770,179	1,791,534	2,220,179	1,842,280
TFW Participation Agreements and Indirect		3,736,500	3,666,432	3,736,500	3,647,193	3,779,093	3,666,432	3,736,500	3,647,193	3,736,500	3,666,432	3,736,500	3,647,193	3,736,500	3,666,432	3,736,500	3,647,193	3,736,500	3,666,432	3,736,500	3,647,193	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500	3,736,500
Balance at the end of each fiscal year		0	633,935	0	1,304,476	(218,414)	158,518	208,289	(345,840)	454,179	(945,412)	1,248,607	(394,621)	1,447,954	(335,249)	1,412,954	499,606	1,533,597	840,949	1,618,597	1,015,338	2,122,759	1,332,699	2,275,934	1,442,699	2,226,666	1,298,477	2,226,666	1,848,477	2,175,920
Cumulative Balance at end of Biennium				633,935	1,938,410			148,393	20,961			757,373	(91,427)			2,525,660	1,577,312			3,993,143	3,474,885			5,731,391	5,051,331			5,751,809	5,373,620	

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

DNR Table 1 "Total Contribution from AMP" Includes the Following:		
Hiring Freeze (DNR/NWIFC) and future vacancies		$337,909
Tribal participation grants underspending (1.6%)		$88,000
Non-tribal participation grants		$0
Master Project Schedule adjustments		$868,486
Reduced FFSA fund contribution to DNR agency overhead		$139,780
	Sub Total	**$1,434,175**
Add Pre-Assumed Unspent Fund Amount:		$477,000
	Grand Total Cut Needed:	**$1,911,175**

Revised FY2034	FY2035	Revised FY2035	Cumulative Cost of Project
382,839	321,612	382,839	
108,449		108,449	
693,941	444,845	693,941	
793,619	734,460	793,619	
199,443	158,346	199,443	
83,016	83,016	83,016	
4,000		4,000	
100,000	100,000	0	