

Section 8.1.1 - Fiscal Year 2006 Inflation Calculation for Lower Colorado River Multi-Species Conservation Program (Actual Indices through September 2004)

Item		Description / Formula		Values		Result
FY	=	Federal Fiscal Year Being Adjusted for Inflation		2006		2006
FY-2	=	Federal Fiscal Year for 2 years prior to Federal Fiscal Year Being Adjusted for Inflation		2004		2004
PPI Inflation Index for FY	=	<u>Producer Price Index for Materials and Components for Const Sept FY-2</u> <u>Producer Price Index for Materials and Components for Const Sept 2002</u>	=	170.9/ 152.1	=	1.124
GDPIP Inflation Index for FY	=	<u>Gross Domestic Product Implicit Price Deflator September 30, FY-2</u> / <u>Gross Domestic Product Implicit Price Deflator September 30, 2002</u>		108.482 / 104.243	=	1.041
Inflation Index for FY	=	(PPI Inflation Index for FY + GDPIP inflation Index for FY)/2		(1.124+1.041)/2	=	1.083
Non-Federal Funding Obligation for FY	=	(5 - year Amount from Table 7-1 of HCP adjusted to yearly amount)/2	=	\$11,214 / 2	=	\$5,607
Federal Funding Obligation for FY	=	(5 - year Amount from Table 7-1 of HCP adjusted to yearly amount)/2	=	\$11,214 / 2	=	\$5,607
Non-Federal Indexed Funding Obligation for FY	=	(Non-Federal Funding Obligation for FY) X (Inflation Index for FY)		\$5,607 X 1.083	=	\$6,072
Federal Indexed Funding Obligation for FY	=	(Federal Funding Obligation for FY) X (Inflation Index for FY)		\$5,607 X 1.083	=	\$6,072
All \$ are in thousands		Individual State's share in \$				
		California Share		50.00%		\$3,036,190.50
		Azrizona Share		25.00%		\$1,518,095.25
		Nevada Share		25.00%		\$1,518,095.25

Section 8.1.2 -- Lower Colorado River Multi-Species Program Funding, Indexing and Inflation Adjusted Changes in Funding (Actual Indices through September 2004)

row	Sept/FY col (a)	Estimated Annual Inflation GDP col (b)	Estimated Annual Inflation PPI col (c)	Gross Domestic Product Index col (d)	GDP Inflation Index col (e)	Producer Price Index col (f)	PPI Inflation Index col (g)	Composite Inflation Index col (h)	Program in 9/2002 \$ (Table 7-1 of HCP)			Program in Indexed \$		
									Total col (i)	Federal col (j)	Non-Federal col (k)	Indexed Total col (l)	Indexed Federal col (m)	Indexed Non-Federal col (n)
1					d3/d2 =e3		f3/f2 =g3	(e3+g3)/2 =h3					j6*h4 =m6	k6*h4 =n6
2	2002	Actual	Actual	104.243	1.000	152.100	1.000	1.000						
3	2003	Actual	Actual	106.148	1.018	155.000	1.019	1.019						
4	2004	Actual	Actual	108.482	1.041	170.900	1.124	1.083						
5	2005	2.5%	3.5%	111.194	1.067	176.882	1.163	1.115						
6	2006	3.0%	3.5%	114.530	1.099	183.072	1.204	1.152	11,214	5,607	5,607	12,145	6,072	6,072
7	2007	3.0%	3.5%	117.966	1.132	189.480	1.246	1.189	11,214	5,607	5,607	12,504	6,252	6,252
8	2008	3.0%	3.5%	121.505	1.166	196.112	1.289	1.228	11,214	5,607	5,607	12,919	6,459	6,459
9	2009	3.0%	3.5%	125.150	1.201	202.976	1.334	1.268	11,214	5,607	5,607	13,333	6,667	6,667
10	2010	3.0%	3.5%	128.904	1.237	210.080	1.381	1.309	11,214	5,607	5,607	13,771	6,885	6,885
11	2011	3.0%	3.5%	132.772	1.274	217.433	1.430	1.352	27,540	13,770	13,770	34,921	17,460	17,460
12	2012	3.0%	3.5%	136.755	1.312	225.043	1.480	1.396	27,540	13,770	13,770	36,050	18,025	18,025
13	2013	3.0%	3.5%	140.857	1.351	232.919	1.531	1.441	27,540	13,770	13,770	37,234	18,617	18,617
14	2014	3.0%	3.5%	145.083	1.392	241.071	1.585	1.489	27,540	13,770	13,770	38,446	19,223	19,223
15	2015	3.0%	3.5%	149.436	1.434	249.509	1.640	1.537	27,540	13,770	13,770	39,685	19,843	19,843
16	2016	3.0%	3.5%	153.919	1.477	258.242	1.698	1.588	22,164	11,082	11,082	33,002	16,501	16,501
17	2017	3.0%	3.5%	158.536	1.521	267.280	1.757	1.639	22,164	11,082	11,082	34,066	17,033	17,033
18	2018	3.0%	3.5%	163.292	1.566	276.635	1.819	1.693	22,164	11,082	11,082	35,196	17,598	17,598
19	2019	3.0%	3.5%	168.191	1.613	286.317	1.882	1.748	22,164	11,082	11,082	36,327	18,163	18,163
20	2020	3.0%	3.5%	173.237	1.662	296.338	1.948	1.805	22,164	11,082	11,082	37,524	18,762	18,762
21	2021	3.0%	3.5%	178.434	1.712	306.710	2.017	1.865	19,982	9,991	9,991	34,929	17,464	17,464
22	2022	3.0%	3.5%	183.787	1.763	317.445	2.087	1.925	19,982	9,991	9,991	36,068	18,034	18,034
23	2023	3.0%	3.5%	189.300	1.816	328.555	2.160	1.988	19,982	9,991	9,991	37,266	18,633	18,633
24	2024	3.0%	3.5%	194.979	1.870	340.055	2.236	2.053	19,982	9,991	9,991	38,465	19,233	19,233
25	2025	3.0%	3.5%	200.829	1.927	351.957	2.314	2.121	19,982	9,991	9,991	39,724	19,862	19,862
26	2026	3.0%	3.5%	206.854	1.984	364.275	2.395	2.190	8,144	4,072	4,072	16,720	8,360	8,360
27	2027	3.0%	3.5%	213.059	2.044	377.025	2.479	2.262	8,144	4,072	4,072	17,273	8,637	8,637
28	2028	3.0%	3.5%	219.451	2.105	390.221	2.566	2.336	8,144	4,072	4,072	17,835	8,918	8,918
29	2029	3.0%	3.5%	226.035	2.168	403.879	2.655	2.412	8,144	4,072	4,072	18,422	9,211	9,211
30	2030	3.0%	3.5%	232.816	2.233	418.014	2.748	2.491	8,144	4,072	4,072	19,024	9,512	9,512
31	2031	3.0%	3.5%	239.800	2.300	432.645	2.844	2.572	7,500	3,750	3,750	18,090	9,045	9,045
32	2032	3.0%	3.5%	246.994	2.369	447.787	2.944	2.657	7,500	3,750	3,750	18,683	9,341	9,341
33	2033	3.0%	3.5%	254.404	2.440	463.460	3.047	2.744	7,500	3,750	3,750	19,290	9,645	9,645
34	2034	3.0%	3.5%	262.036	2.514	479.681	3.154	2.834	7,500	3,750	3,750	19,928	9,964	9,964
35	2035	3.0%	3.5%	269.897	2.589	496.470	3.264	2.927	7,500	3,750	3,750	20,580	10,290	10,290

Section 8.1.2 -- Lower Colorado River Multi-Species Program Funding, Indexing and Inflation Adjusted Changes in Funding (Actual Indices through September 2004)

row	Sept/FY	Estimated Annual Inflation GDP	Estimated Annual Inflation PPI	Gross Domestic Product Index	GDP Inflation Index	Producer Price Index	PPI Inflation Index	Composite Inflation Index	Program in 9/2002 \$ (Table 7-1 of HCP)			Program in Indexed \$		
									Total	Federal	Non-Federal	Indexed Total	Indexed Federal	Indexed Non-Federal
									col (i)	col (j)	col (k)	col (l)	col (m)	col (n)
36	2036	3.0%	3.5%	277.994	2.667	513.846	3.378	3.023	7,173	3,587	3,587	20,328	10,164	10,164
37	2037	3.0%	3.5%	286.334	2.747	531.831	3.497	3.122	7,173	3,587	3,587	20,995	10,498	10,498
38	2038	3.0%	3.5%	294.924	2.829	550.445	3.619	3.224	7,173	3,587	3,587	21,684	10,842	10,842
39	2039	3.0%	3.5%	303.772	2.914	569.711	3.746	3.330	7,173	3,587	3,587	22,394	11,197	11,197
40	2040	3.0%	3.5%	312.885	3.001	589.650	3.877	3.439	7,173	3,587	3,587	23,126	11,563	11,563
41	2041	3.0%	3.5%	322.271	3.092	610.288	4.012	3.552	7,173	3,587	3,587	23,886	11,943	11,943
42	2042	3.0%	3.5%	331.939	3.184	631.648	4.153	3.669	7,173	3,587	3,587	24,668	12,334	12,334
43	2043	3.0%	3.5%	341.898	3.280	653.756	4.298	3.789	7,173	3,587	3,587	25,478	12,739	12,739
44	2044	3.0%	3.5%	352.155	3.378	676.637	4.449	3.914	7,173	3,587	3,587	26,318	13,159	13,159
45	2045	3.0%	3.5%	362.719	3.480	700.320	4.604	4.042	7,173	3,587	3,587	27,178	13,589	13,589
46	2046	3.0%	3.5%	373.601	3.584	724.831	4.765	4.175	7,173	3,587	3,587	28,075	14,038	14,038
47	2047	3.0%	3.5%	384.809	3.691	750.200	4.932	4.312	7,173	3,587	3,587	28,993	14,497	14,497
48	2048	3.0%	3.5%	396.353	3.802	776.457	5.105	4.454	7,173	3,587	3,587	29,947	14,974	14,974
49	2049	3.0%	3.5%	408.244	3.916	803.633	5.284	4.600	7,173	3,587	3,587	30,930	15,465	15,465
50	2050	3.0%	3.5%	420.491	4.034	831.760	5.469	4.752	7,173	3,587	3,587	31,949	15,974	15,974
51	2051	3.0%	3.5%	433.106	4.155	860.872	5.660	4.908	7,173	3,587	3,587	32,996	16,498	16,498
52	2052	3.0%	3.5%	446.099	4.279	891.002	5.858	5.069	7,173	3,587	3,587	34,086	17,043	17,043
53	2053	3.0%	3.5%	459.482	4.408	922.187	6.063	5.236	7,173	3,587	3,587	35,205	17,603	17,603
54	2054	3.0%	3.5%	473.266	4.540	954.464	6.275	5.408	7,173	3,587	3,587	36,360	18,180	18,180
55	2055	3.0%	3.5%	487.464	4.676	987.870	6.495	5.586	7,173	3,587	3,587	37,558	18,779	18,779
				Total					626,180	313,090	313,090	1,361,574	680,787	680,787