Pg	Flipchart Number	HBC Comprehensive Plan - Action Item	Assignment	Estimated Cost	Completion Date
1	1	Initiate removal of non-native fishes in the Little Colorado River (lower 17 km).	Pam Sponholtz		
2	2	Development of Emergency Response/Contingency Plan for Protection of Downstream Species from Spills into the Little Colorado River at Highway 89 and Highway 40. (REVISED)	Bill Davis		
8	3	Develop pollution control plan for watershed that includes capability.	Bill Davis		
	4	Initiate dialogue with native Americans as to population [of HBC] in Havasu Creek – start talking	NOT ASSIGNED		
10	5	Development of a Comprehensive Action Plan for Actions Necessary to Conserve, Protect, and Enhance Humpback Chub Populations in Grand Canyon.	Rob Simmonds		
11	6	Complete feasibility study of selective withdrawal on Glen Canyon Dam and, if feasible, finish compliance, construct, and test the device (REVISED)	Randy Peterson		
15	7	Assess Humpback Chub Currently at Willow Beach NFH as Potential Broodstock.	Rob Simmonds		
16	8	Feasibility of Developing a Program to Augment the Population of Humpback Chub (Gila cypha) in Grand Canyon	Rob Simmonds		
17	9	Remove humpback chub from mainstem Colorado River at 30 mile to maintain genetic stock in refugia. (REVISED)	Bill Persons		
21	10	Monitoring fish parasites and diseases, Colorado River Ecosystem. (REVISED)	Bill Persons		
25	11	Transport of HBC above Chute Falls	Pam Sponholtz		
26	12	Mechanical removal of non-native fishes (primarily salmonids) from the Colorado River near the confluence with the Little Colorado River. (REVISED)	Bill Persons		
29	13	Use dam operations to benefit HBC (REVISED)	Randy Peterson		

35	14	Understand the effect and identify the threats of scientific work on humpback chub populations in the Grand Canyon area (review Upper Basin Recovery Implementation Program, etc.). (REVISED)	Gary Burton
41	15	Conduct joint estimates of HBC in LCR and mainstem to develop/confirm population estimates. Evaluate the age group survivability for all age classes, including recruitment. (REVISED)	Steve Gloss
44	16	Development of an Adaptive Management Work Group Outreach Program. (REVISED)	Bruce Taubert
47	17	Develop a monitoring program for the Colorado River downstream of Diamond Creek to detect changes in habitat and fish communities resulting from operation of Glen Canyon Dam and Lake Mead. (REVISED)	Bill Davis
54	18	Feasibility Study to determine the efficacy of using a weir in Bright Angel Creek to capture brown trout.	Bill Persons, Jeff C
55	19	Consider sediment augmentation to benefit native fish (e.g. sediment pipeline from San Juan River), both long-term feasibility and short-term experiment (REVISED)	Randy Peterson
	20	NO LONGER A PROJECT	
58	21	Develop an invasive species management plan for the Colorado River Ecoystem (CRE)	Pam Sponholtz
59	22	Reclamation will lead a review of Little Ccolorado River (LCR) watershed management plan (REVISED)	Randy Peterson
	23	Razorback sucker management plan (AMWG DID NOT DIRECT WORK ON SPECIES OTHER THAN HUMPBACK CHUB, THEREFORE, DISCONTINUED THIS PROJECT)	Don Metz
63	24	Genetic relationships within and among populations of the endangered *Gila cypha* (humpback chub) in the Colorado River ecosystem (NEW/REVISED FOR NEW FORMAT)	Steve Gloss