

Flipchart Number	HBC Comprehensive Plan - Action Item	Assignment	Estimated Cost	Completion Date
1	Address relationship of resident non-native species in the LCR – initiate removal of non-natives from LCR (14 km)	Pam Sponholtz		
2	Pollutants threat (bridge @ Cameron, Holbrook), complete hazardous response plan and capability	Bill Davis		
3	Address watershed pollution controls – plan that includes capability	Bill Davis		
4	Initiate dialogue with native Americans as to population [of HBC] in Havasu Creek – start talking			
5	Develop a recovery implementation plan for big river fish – comprehensive action plan – form work group and draft a plan consistent with recovery goals	Rob Simmonds		
6	Temperature control device – implement	Randy Peterson		
7	Assess capability (genetic limits) for production and release [of HBC] – Willow Beach	Rob Simmonds		
8	Feasibility study by AZ Fisheries Resources Office on obtaining fish and other management needs [for HBC refugium and/or hatchery]	Rob Simmonds		
9	Take fish from mainstem as genetic stock due their vulnerability, 30-mile population	Bill Persons		
10	Monitor tapeworm and study methods of eradication. Address items such as water warming, experimental test of antibiotics, etc.	Bill Persons		
11	Transport HBC above Chute Falls (Upper LCR). Need expansion of existing tribal coordination.	Pam Sponholtz		
12	Non-native control around confluence of LCR	Bill Persons		
13	Use dam operations to benefit HBC – use dam operations to reduce non-native fish, increase daily fluctuations, spring high flows/summer low flows	Randy Peterson		

- Understand effects [on HBC] of scientific work – review
 14 Upper Basin Recovery Implementation Program decisions Gary Burton
- Conduct concurrent estimates of HBC in LCR and mainstem
 to develop/confirm [population] estimates. Evaluate the
 reproductive success and age group survivability for all age
 15 classes, including recruitment. Steve Gloss
- Develop an interagency team (NPS, FWS, USGS, USBR) to
 16 do outreach program Bruce Taubert
- conduct work in Lower Grand Canyon – changes in habitat
 17 resulting from operation of Lake Mead Bill Davis
- 18 Remove brown trout from Bright Angel Creek Bill Persons, Jeff C
- Consider sediment augmentation to benefit native fish (e.g.,
 pipeline from San Juan), both long term feasibility and short
 19 term test Randy Peterson
- 21 Develop invasive species management plan Pam Sponholtz
- Reclamation will lead a review of LCR watershed
 22 management plan Randy Peterson
- 23 Razorback sucker management plan Don Metz