

BAHG notes for FY23 calls

- February 16, 2-4 pm (MST): Native, nonnative, and sport fisheries
- February 23, 2-4 pm (MST): Nutrients, water quality, aquatic foodbase
- March 2, 2-4 pm (MST): Sediment, beaches, cultural resources
- March 9, 2-4 pm (MST): Socioeconomics, recreation, hydropower, tribal resources, vegetation
- March 16, 2-4 pm (MST): Review potential changes
- March 23, 2-4 pm (MST): Develop motion
- April 12-13: TWG meeting
- June 9, 12-1 pm (MDT): additional water quality project

The Budget Ad Hoc Group Page

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FY23 BAHG Recommendation

The BAHG recommends the FY23 Budget and Workplan as described in the FY21-23 Triennial Budget and Workplan for consideration by the TWG.

The BAHG recommends the following revisions to the FY23 Workplan as prioritized below and as funds become available (see Table 1):

1. Continue JCM-West (Project Element G.6),
2. Continue TRGD (Project Element H.2) with two sites instead of one,
3. Begin the Grand Canyon portion of the Water Quality Synthesis (proposal in development),
4. Investigate Aquatic Vegetation Removal Pilot in Lees Ferry to reduce brown trout habitat (proposal in development),
5. Continue Sandbar Vegetation Expansion (Project Element C.1) with two surveys instead of one,
6. Continue Streamflow and Sandbar Modeling to include silt and clay (Project Element B.5).

Proposed change to the FY23 budget and workplan	Rank	Project Description	Cost	<ul style="list-style-type: none"> Start date Duration Time sensitive 	Urgent issue this addresses	Interrupts a longterm data set	Can it be picked it up again later?	Cost share
Continue JCM-West (Project Element G.6)	1*	Identifies drivers of humpback chub in western Grand Canyon	\$250k	<ul style="list-style-type: none"> 2018 6-7 yrs Yes 	This is a conservation measure. Halfway through the study.	Yes	No	No
Continue TRGD (Project Element H.2) with two sites instead of one	2*	Identifies drivers of rainbow and brown trout in Ferry	\$67k	<ul style="list-style-type: none"> 2011 Longterm monitoring Yes 	Evaluates impacts of experiments (Bugflows, TMFs, HFEs) on rainbow and brown trout.	Yes	No	No
Investigate Aquatic Vegetation Removal Pilot in Lees Ferry to reduce brown trout habitat (proposal in development)	4	Possible control measure for brown trout, still in development	TBD	<ul style="list-style-type: none"> New Being developed No 	Increasing brown trout population may impact humpback chub and other native fish.	No	Yes	No
Continue Sandbar Vegetation Expansion (Project Element C.1) with two surveys instead of one	5	Mapping vegetation on sandbars with the sediment group	\$22k	<ul style="list-style-type: none"> 2014 Longterm monitoring No 	Measures what is reducing beach area: vegetation encroachment vs HFEs/operations	Yes	Yes	No
Begin the Grand Canyon water quality synthesis (proposal in development)	3	Modeling informs appraisal level studies re: temperature & DO modification	\$125k	<ul style="list-style-type: none"> New 2 years Yes 	This is an AMWG recommendation. Appraisal level studies are being done soon. Risks of warm water releases are high.	No	Yes	Reclamation funding Lake Powell portion, AMP funds Grand Canyon
Continue Streamflow and Sandbar Modeling to include silt and clay (Project Element B.5)	6	Improves accuracy for sediment modeling	\$64k	<ul style="list-style-type: none"> 2021 1 year No 	Would inform nutrients and turbidity dynamics on fish and foodbase.	No	Yes	First two years partially funded outside AMP

*These two projects were specified in the FY22 BAHG, TWG, and AMWG recommendation for funding in FY23.