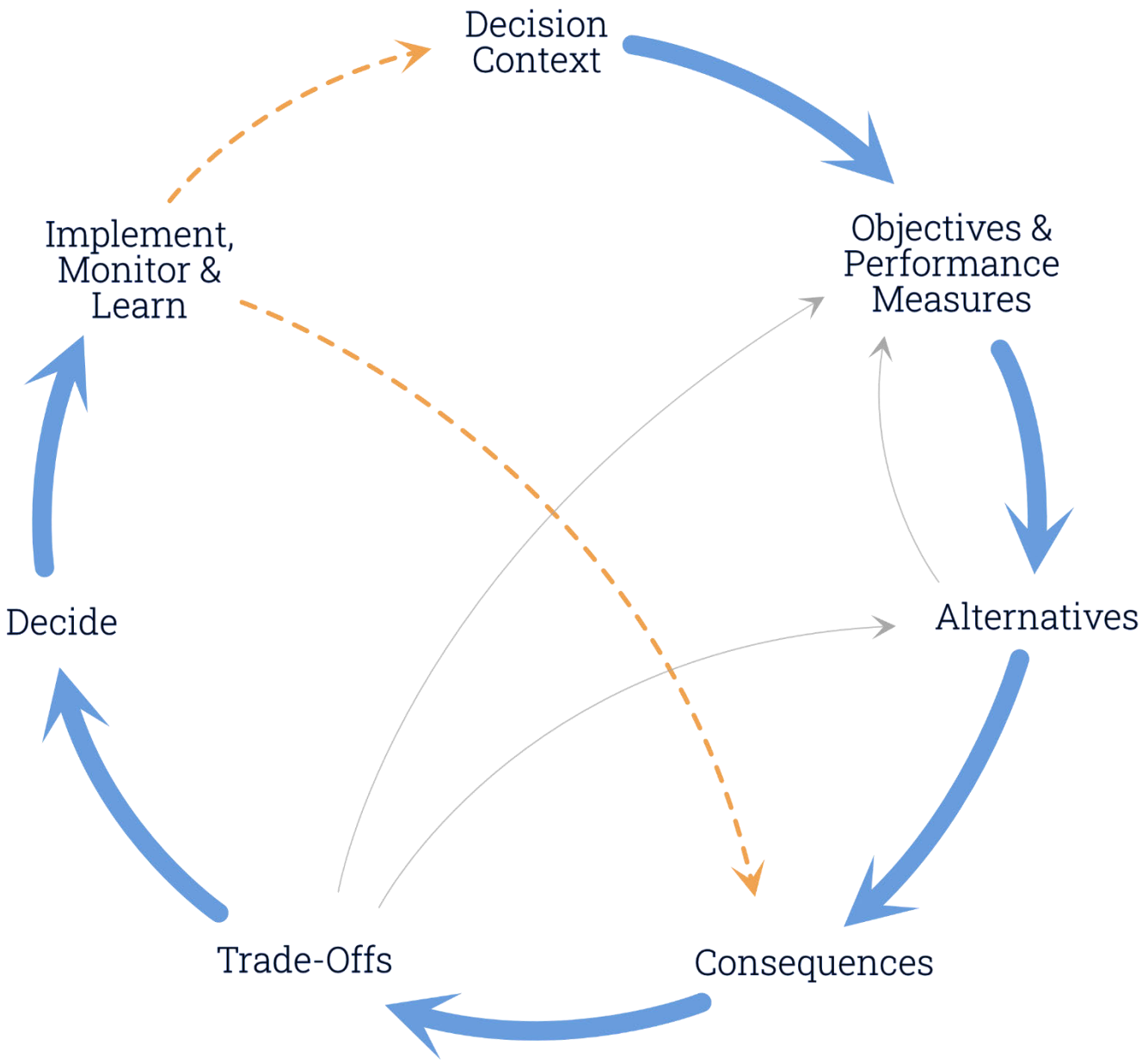
Trout ad hoc group

Chair – David Rogowski

~30 members

Charge

The Trout Ad Hoc Group (TAHG) is charged with reviewing the factors negatively impacting the Lees Ferry rainbow trout fishery and proposing strategies that could be pursued/considered to help achieve the LTEMP rainbow trout fishery goal.



Structured decision making

Issue/ factors

Temperature	trash
Dissolved Oxygen- high and low	people - user conflicts (anglers and kayakers use of river)
Nutrient availability	impacts of increased visitor use from non-anglers
Food base quality, quantity, diversity	Anoxic substrates
Predation	disease/parasites (whirling, nematodes, others...)
Competition with other fish species	illegal fishing/regulations - enforcement (NPS/AGFD)
Invasive macro-invertebrates	NPS Incentivized harvest program
HFEs -timing, frequency	Invasive aquatic vegetation
Electrofishing- • Rapid response • Trout monitoring • Cumulative effect of electrofishing	is our metric an accurate representation of anglers CPUE/satisfaction
Redd conditions/ appropriate habitat	low lake levels - entrainment issues
YOY cover habitat	spawning
Wild fish prefered over stocked fish	lack of large woody debris
Lack of recruitment	trout strain - genetics
No large fish	invasive algae - didymo (aka rock snot) *Didymosphenia geminata*
Higher flows = harder to fish, less fish caught (angler success)	experimental flows (bug flows, HFE, maintenance, equalization flows, trout management flows...)
Flows - stability - aquatic macrophytes/foodbase	Lack of diversity in foodbase (low EPT)

Approach

Issue	Objective	subobjective	Option0	Option1	Option2
Lack of recruitment	Increase YOY, and subadults recruitment	increase abundance of RBT that could spawn (health)	no action	stock larger adult fish for spawning	
		increase yoy	no action	stocking fingerlings	
		increase spawning habitat	no action	remove vegetation, algae?	more spring HFE

COLOR CODES
likely
potentially
neutral
maybe not
not likely

Considerations
Consequences
Trade-offs