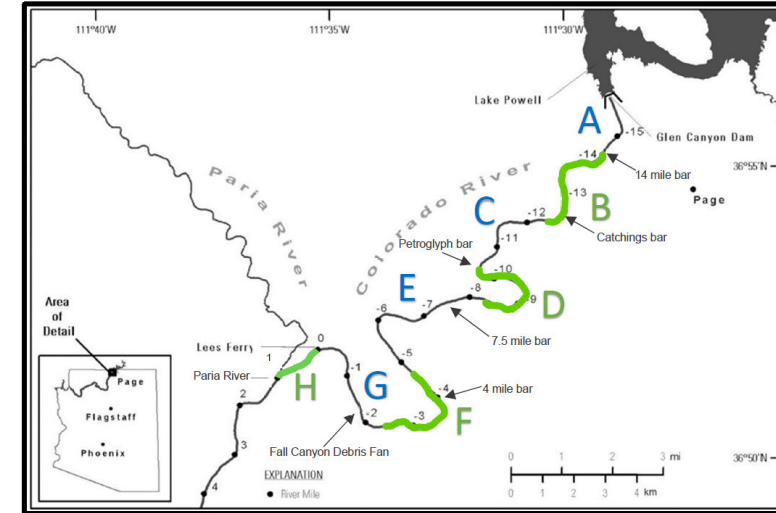


# Rapid Response Considerations

- Science plan – in development, based on TRGD
  - Study Design - Elements common to all phases
    - 1) electrofishing of well-defined 250 meters section
    - 2) a relatively slow rate of shocking
    - 3) sampling of adjoining river sections on both sides of the river to iteratively sample a larger area
  - Hypotheses – 3
    - **Hypothesis 1** – Mechanical removal via electrofishing can remove a significant portion of the young of year size class of smallmouth bass.
    - **Hypothesis 2** – At present smallmouth bass are primarily distributed in the upper portions of the Glen Canyon reach consistent with limited dispersal ...
    - **Hypothesis 3** – Young of year present in the system in 2022 were hatched from one or a few nests with a hatch data in late June.
    - **Hypothesis 4** - Electrofishing will be less cost-effective for removing adult SMB than other gears.
  - Methods to evaluate effectiveness
    - Phased approach to evaluate each hypothesis in turn



# Rapid Response Considerations

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- Science plan –
  - Fish handling of target and non-target species
    - Minimum of processing
    - Avoid non-target fish (salmonids, adult carp)
    - Remove and preserve (ice) warm-water invasive species for additional study and beneficial use
  - Offramps
    - Included in study design – in development
    - Frequent meetings with partners to discuss status

# Rapid Response Considerations

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- Coordination
  - Operational Lead (NPS - Detail position)
  - Volunteer Coordinator (NPS – Trammell)
  - Support (GCMRC)
  - Angler outreach (AGFD, NPS)
  - Tribal consultation (NPS)

# Rapid Response Considerations

- Schedule

- AGFD week of Oct 17 – regular monitoring; will inform distribution
- Full plan – begin Oct 24, up to 6 passes by end of Dec

WEEKS	e-fishingTrip	Netting
Sept 26-30		Fyke, and hoop nets set in hotspots
Oct 3-7		Fyke and hoop nets set in hotspots
Oct 10-14	TWG week	Fyke and hoop nets set in hotspots if no electrofishing
Oct 17-21	AGFD monitoring trip	Fyke and hoop nets set to avoid AGFD long term monitoring sites
Oct 24-28	pass 1	
Oct 31-Nov 4	pass 2	
Nov 7-11	week off	
Nov 14-18	pass 3	Fyke, gill and hoop nets set in hotspots
Nov 21-25	week off for TG	
Nov 28- Dec 2	pass 4	
Dec 5-9	pass 5	Fyke, gill and hoop nets set in hotspots?
Dec 12-16	pass 6	
Dec 20-24	week off for holiday	Fyke, gill and hoop nets set in hotspots?
Dec 27-31	likely too cold, below 10 degrees	Fyke, gill and hoop nets set in hotspots?

# Rapid Response Considerations

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- Funding – in development
  - BOR
  - NPS
  - GCMRC
  - GCC