

Agenda and notes 02/21/2024 Rapid Response Tech Team

Purpose- biweekly technical call including management agencies & GCMRC to relay recent findings and discuss future sampling efforts, needs, and potential actions.

Participants (from Teams app)

Melissa Trammell, Bud Fazio, Mark Anderson, David Ward, Laura Tennant, Emily Omana, Dan Leavitt, Rob Billerbeck, Nicki Gibney, Kim Dibble, Jeff Arnold, Dave Rogowski, Kurt Shollenberger, Jeremy Hammen, Brian Hines,

I. Recent trips and findings

Last meeting/report out was 02/07/2024.

Quick report on new captures as of 02/21/2024:

GRCA – no sampling since last mtg

GLCA – no sampling since last mtg

GCMRC – no sampling since last mtg

AGFD – no new sampling until March. Creel no new NNF

FWS – no sampling since last mtg

II. DISCUSSION OF NEW FINDINGS

New concerns?

Rogowski – three walleye captured in the 2023 creel survey in LF – June, Sept, Oct – that is a first, no walleye in LF creel prior to 2023. One harvested, two released. Significant new finding from last year.
Laura T – Guide training seminar at end of March. Can this group help guides with ID of SMB to help them in their observations.

Reminder - Signage at LF could use updating.

FWS – no live SMB to show at this time. Ward used to provide some training at GTS

Kim will follow up with Eric, and will consider ability to share at GTS. March 30-31.

Lynn Hamilton typically organizes that, and may not have time on agenda.

Might be a good idea to display in tanks on site even if not on agenda.

AGFD often has opportunity to share info on the river when river trips overlap with GTS.

Kim, Laura and Dave Ward will work together to coordinate this effort.

III. Upcoming trips and other future plans –

2024 sampling and monitoring

GRCA – Pausing EF in PBR, picking up again in mid April. Planning trips every 3 weeks. Monthly backwater seining and backpack, looking for spawning activity. Due to Low temps, catch will be low so spending this time on planning for rest of year.

- Will add consolidated schedule to meeting notes
- Trying to coordinate netters and boatmen to begin in April.
- Discussed protocols – will incorporate depletion sampling at a couple of sites within PBR while covering the rest of the areas that produced fish last year. Also well as eDNA on downstream

missions. Last year's are still pending. Will get samples back from Montana , because of delays, and resubmit to AGFD – phx. Will try to run eDNA samples sooner.

GLCA – shared outlook schedule – planning on being out every week, EF beginning in March if can get boatman, alternating weeks of EF and Netting starting in April – subject to modification based on catches

- Will add consolidated schedule to meeting notes

GCMRC – . TRGD April 4th. SEE Updated FULL SCHEDULE BOTTOM OF PAGE

AGFD – Next trip March; upcoming trips – mostly included in GCMRC list – except for below-Pearce Ferry monitoring trips, funding still pending from BOR.

FWS – also included on GCMRC list -will have regular 4 trips in LCR, regular Agg trip, which will include seining as possible. Full seine trip in July, plus hoop nets below Havasu for mark-recap of HBC.

Reclamation -

- a. Katherine Tucker mapping - [Sign In \(arcgis.com\)](https://arcgis.com)
- b. This group will report out to AMWG (Melissa)

IV. Old Business –

- a. Note to all, please complete uploads to NNF sharepoint when you get a chance
- b. monitoring for nests and spawning next year –*GLCA snorkling surveys during netting trips – likely areas in Slough, dam slough*
- c. Report out on slough modification discussion. – NPS still discussing but moving forward
- d. Jeremy – hydroacoustic sampling at outflows/trawl net -
 - i. Matt – pilot study – Tucker trawl nets, - new: got it in the water, but may not have weighted enough to keep it in the flow. Report in draft.
- e. Status of equipment and staff
- f. David Ward – proposal to get FWS funding to assist with RR was not funded. But did get about 45k to be able to send FWS staff to help at same level as last year. Coordinate with GRCA and GLCA to schedule.
- g. AGFD – fully staffed for first time in a while! Good news. Will be able to assist.
- h. GCMRC – Brian Healy and Kim Dibble hired as fish biologists, and there will be several 180 day positions filled soon as well. Also hired Lindsay Hanson and Ben Miller as 10-year terms. Staff level is good. Kim will replace Mark Anderson on this team
- i. Presentation for modeling for LTEMP SEIS is available – see below link

V. New Business

- a. Jeff will coordinate with Jeremy/BOR to try to do forebay sampling at same time as acoustics

VI. Anything else?

- a. Kim – Drew Eppheimer will be Kim's alternate. Mark and Andrew will join as opportunity allows, but Kim and Drew will be primary.
- b. 3 juvenile SMB are in the GCMRC lab, but not doing well, need live food. Will provide a report on what they can do for GTS training.
- c. Let Melissa know if there is anything you'd like to see on next agenda.

Adjourn 4:03 pm

GCMRC, Cooperator, and Tribal River Trips and Field Activities

VII. Occurred or Planned 2024

Launch	Take out	Description
25-Jan	30-Jan	Lees Ferry trout population monitoring
14-Feb	1-Mar	Quality of Water/fine sediment monitoring
11-Mar	14-Mar	Lees Ferry fish population monitoring
3-Apr	17-Apr	Mainstem Fish, non-native (electro shocking)-AZGFD
4-Apr	9-Apr	Lees Ferry trout population monitoring
9-Apr	26-Apr	Aquatic Foodbase monitoring (drift)
16-Apr	26-Apr	LCR HBC, camps at three locations on Little Colorado River
20-Apr	29-Apr	Hopi Cultural Monitoring
23-Apr	12-May	Juvenile HBC monitoring-April 27 Launch downstream Lees Ferry
27-Apr	6-May	Navajo Cultural Monitoring
2-May	21-May	Survey Control Network
13-May	30-May	Cultural Resource Monitoring
17-May	31-May	Mainstem Fish, non-native (electro shocking)-AZGFD
21-May	31-May	LCR HBC, camps at 4 locations on Little Colorado River
25-May	3-Jun	Zuni of Pueblo Cultural Monitoring
6-Jun	20-Jun	Grand Canyon Youth-"Partners in Science"
8-Jun	17-Jun	Southern Paiute Consortium Cultural Monitoring
12-Jun	21-Jun	Hualapai Cultural Monitoring
26-Jun	5-Jul	Grand Canyon Youth-"Partners in Science"
27-Jun	8-Jul	LCR Juvenile HBC monitoring (3 camps)
3-Jul	18-Jul	Grand Canyon Youth-"Partners in Science"
3-Jul	4-Jul	TRGD
5-Jul	24-Jul	Juvenile HBC monitoring
8-Jul	12-Jul	Lees Ferry trout population monitoring
18-Jul	30-Jul	Mainstem Fish, HBC-Seining
13-Aug	16-Aug	Lees Ferry-Terrestrial Vegetation Monitoring
14-Aug	30-Aug	Fine Grain sediment monitoring
24-Aug	9-Sep	Terrestrial Vegetation Monitoring
9-Sep	11-Sep	Terrestrial Vegetation Monitoring
28-Aug	16-Sep	Mainstem Fish, HBC-aggregations (netting)
5-Sep	10-Sep	Juvenile HBC Monitoring in Glen Canyon

Yackulic, C.B., Bair, L.S., Eppehimer, D.E., Salter, G.L., Butterfield, B.J., Caster, J.J., Deemer, B.R., Fairley, H., Grams, P.E., Kasprak, A., Palmquist, E.C., and Sankey, J.B., 2024, Modeling the impacts of Glen Canyon Dam operations on Colorado River resources [presentation], LTEMP SEIS meeting (virtual), January 31, 2024: Flagstaff, Ariz., US Geological Survey, Southwest Biological Science Center, Grand Canyon Monitoring and Research Center, <https://www.usgs.gov/centers/southwest-biological-science-center/science/modeling-impacts-glen-canyon-dam-operations>

GRCA Sampling Schedule 2024

Dates	Trip
April 9-10	PBR-BW
April 15-19	PBR-EF
May 7-8	PBR-BW
May 20-24	PBR-EF
June 4-5	PBR-BW
June 10-13	PBR-EF
June 19-30	HBC AGG/NN Surveillance Downstream
July 8-12	PBR-EF
July 23-24	PBR-BW
July 29- Aug 2	PBR-EF
Aug 13-14	PBR-BW
Aug 19-23	PBR-EF
Sept 9-12	PBR-EF
Sept 23-30	NN Surveillance SN/eDNA Downstream
Oct 7-10	PBR-EF
Oct 21-Nov 1	NN Surveillance EF Downstream
Nov 11-15	PBR-EF
Nov 25-29	PBR-EF

GLCA Sampling Schedule 2024. Dates and locations may change in response to monitoring results to focus on high density areas.

WEEK OF:	Description
March 5	GLCA electrofishing
April 1	GLCA electrofishing
April 8	GLCA Netting
April 15	GLCA electrofishing
April 22	GLCA Netting
April 29	GLCA electrofishing
May 6	GLCA Netting and Slough Block Net Installation
May 13	GLCA electrofishing
May 20	GLCA Netting
May 27	GLCA electrofishing
June 3	GLCA Netting
June 10	GLCA electrofishing
June 17	GLCA Netting
June 24	GLCA electrofishing
July 1	GLCA Netting

July 8	GLCA electrofishing
July 15	GLCA Netting
July 22	GLCA electrofishing
July 29	GLCA Netting
Aug 9-12	Potential chemical treatment of slough if needed
Aug 5	GLCA electrofishing
Aug 12	GLCA Netting
Aug 19	GLCA electrofishing
Aug 26	GLCA Netting
Sept 3	GLCA electrofishing
Sept 9	GLCA Netting
Sept 16	GLCA electrofishing
Sept 23	GLCA Netting
Sept 30	GLCA electrofishing
Oct 15	GLCA electrofishing
Oct 28	GLCA electrofishing
Nov 18	GLCA electrofishing