



— BUREAU OF —
RECLAMATION

Glen Canyon Dam Adaptive Management Work Group FY20 Accomplishments & FY21 Outlook

February AMWG Meeting
February 10-11, 2021

Administrative Updates

- **DOI Leadership**

- DOI Scott de la Vega, Secretary of the Interior (acting)
- AS-WS Tanya Trujillo, Principal Deputy Assistant Secretary
- BOR Camille Touton, Deputy Commissioner
- BOR Wayne Pullan, Secretary's Designee (acting)
 Daniel Picard, Designated Federal Officer (acting)
- USGS Scott VanderKooi, SBSC Director (acting)
 Mark Wimer, GCMRC Chief (acting)

- **Executive and Secretarial Orders**

- [E.O. 13990](#) Protecting Public Health and the Environment and Restoring Science To Tackle the Climate Crisis (1/25/21)
- [S.O. 3395](#) Temporary Suspension of Delegated Authority (1/21/21)



Administrative Updates

- **AMWG / TWG Member Appointments**
 - New nomination opportunity as soon as practical
 - Anyone w/ vacancy or terms ending in FY21
 - [Member Status Summary](#)
- **FY2021 Funding**
 - [FY21 Consolidated Appropriations Act](#) (Division D, Title III, Sec 306)
 - \$21.4M in hydropower revenues for CRSP enviro programs
- **Action Item Tracking Sheet** (see meeting packet)
 - development of monitoring metrics
 - streamlining of GCDAMP guiding documents



FY2020 Accomplishments

- **Continuity Through...**
 - FY20 Funding uncertainty: resolved 12/20/19 (PL 116-94)
 - COVID-19 constraints: river trips prohibited until [June 13, 2020](#)
 - Leadership transition: Reclamation, USGS, NPS, WAPA
 - Onboarding new members & staff
- **Funding Support to Partners via Contracts**
 - 5 tribal partners (Hopi, Hualapai, Navajo, SPC, Zuni)
 - 7 with federal partners (GCMRC, NPS-GRCA, NPS-GLCA)
 - 2 for support services (facilitator, notetaker)
 - 2 private vendors (equipment, RBS surveys)



FY2020 Accomplishments (cont'd)

- **Federal Advisory Committee Meetings**
 - AMWG: 4 / TWG: 4 / ARM: 1 / Ad Hoc Groups: >35
- **AMWG Member Appointments**
 - 23 nominees processed, vetted, & (re)appointed as members
- **Reviews and Reporting**
 - [E.O. 13875](#) - Review of Federal Advisory Committees
 - [2018-2019 Report to Congress - Operations of GCD](#)
 - GSA / FACA 30-day Meeting Reports
 - GSA / FACA Annual Comprehensive Review ([database](#))
 - [2020 AMWG Report and Recommendations to the Secretary](#)
 - 2020 GCMRC Annual Project Report



FY2020 Accomplishments (cont'd)

- **LTEMP Biological Opinion**

- 2018 & 2019 summary progress reports submitted to FWS
- Humpback chub [proposed for downlisting](#) (1/22/20)

- **LTEMP Experiments**

- **Fall HFE:** evaluation, no implementation
- **Bug Flows:** evaluation, implementation & monitoring
- **Spring HFE:** evaluation, no implementation
- **Spring Disturbance Flow**
Flow Ad Hoc Group (FLAHG) established hydrograph, monitoring plan developed



FY2020 Accomplishments (cont'd)

- 2021-2023 Triennial Budget & Workplan
 - BAHG development, Science Advisors review
 - Consensus recommendations from TWG, AMWG
 - [Secretary of the Interior approval](#) (12/22/20)



FY2021 Outlook

- **Ongoing Opportunities / Challenges**
 - COVID-19 constraints
 - Non-native fish: green sunfish, brown trout
 - Long-term funding uncertainty
- **Emerging Opportunities / Challenges**
 - [Humpback chub recruitment](#)
 - Hydrology, Drought Operations planning
 - 7D Review Report, New Interim Guidelines



FY2021 Outlook - Action Items

- Charter Renewal – September 2021
- Tribal Engagement
 - Professional Capacity Building
 - Appropriate coordination and progress tracking
 - Non-Native Fish Control MOA
 - Cultural Sensitivity Training
- LTEMP Flow Experiments
 - Spring Disturbance Flow: implementation & monitoring
 - Bug Flows: evaluation, implementation?, review
 - Trout Management Flows: state of science, design review
- LTEMP Biological Opinion
 - Humpback chub – Response Actions to incidental take trigger
 - Humpback chub – 5-year review of take triggers



FY2021 Outlook - Action Items

- **Staffing and Support Services**

- Vacancies: Archeologist, Tribal Liaison
- Support Services: Science Advisor

- **Budget and Funding**

- FY2022 TWP Review
- FY21-23 Budget & Work Plan Prioritization
- Long-term funding support

- **Program Management**

- Onboarding New Members – AMWG 101
- Streamlining guidance documents
- Monitoring Metrics development and resource tracking
- Assessment of Models and Evaluation Tools





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