Glen Canyon Dam Adaptive Management Program (GCDAMP)

Glen Canyon Dam Technical Work Group (TWG) April 20, 2017 Meeting

Committee Members/Alternates Present

Melinda Arviso-Ciocco, Navajo Nation Jan Balsom, NPS/GRCA Cliff Barrett, UAMPS (phone) Charley Bulletts, Southern Paiute Consortium Joe Miller, Int'l Federation of Fly Fishers/TU Shane Capron, WAPA Kerry Christensen, Hualapai Tribe Kevin Dahl, National Parks Conservation Assn. Bill Davis, CREDA Kurt Dongoske, Pueblo of Zuni Katrina Grantz, U.S. Bureau of Reclamation Paul Harms, State of New Mexico Chris Harris, State of California/CRB Ken Hyde, NPS/GLNRA Vineetha Kartha, State of Arizona/TWG Vice-Chair Ryan Mann, Arizona Game & Fish Department Joe Miller, Federation of Fly Fishers/Trout Unlimited Don Ostler, State of Wyoming Ben Reeder, Grand Canyon River Guides Peggy Roefer, State of Nevada/UCRC Randy Seaholm State of Colorado Seth Shanahan, TWG Chair Larry Stevens, Gr. Canyon Wildlands Council (phone) Michael Yeatts, Hopi Tribe Kirk Young, U.S. Fish and Wildlife Service

Committee Members Absent

Chris Harris, State of California Robert King, State of Utah Chip Lewis, Bureau of Indian Affairs Larry Stevens, Grand Canyon Wildlands Council Steve Wolff, State of Wyoming

U.S. Geological Survey (USGS) and Grand Canyon Monitoring and Research Center (GCRMC) Staff

Lucas Bair, Economist Helen Fairley, Program Manager Mike Moran, Deputy Chief, GCMRC Emily Palmquist, Riparian Ecologist Scott VanderKooi, Center Director David Ward, Fishery Biologist Charles Yackulic, Research Statistician

Interested Persons, TWG Members and Alternates

Rob Billerbeck, NPS (phone) David Braun, Science Advisors Exec. Coordinator Carlee Brown, State of Colorado Kathy Callister, U.S. Bureau of Reclamation (phone) Jennifer Crandell, State of Nevada Marianne Crawford, U.S. Bureau of Reclamation Winkie Crook, Hualapai Tribe Fish, Wildlife & Parks Paul Davidson, U.S. Bureau of Reclamation Craig Ellsworth, WAPA Jessica Gwinn, U.S. Fish and Wildlife Service Brian Healy, NPS/GRCA Leslie James, CREDA & UAMPS John Jordan, Federation of Fly Fishers/TU Sarah Rinkevich, DOI Federal Liaison Chad Smith, Navajo Nation Dept. of Fish & Wildlife Gloria Tom, Navajo Nation Dept. of Fish & Wildlife

Glen Canyon Dam Adaptive Management Program (GCDAMP)

Glen Canyon Dam Technical Work Group (TWG) April 21, 2017 Meeting

Committee Members/Alternates Present

Melinda Arviso-Ciocco, Navajo Nation Jan Balsom, NPS/GRCA Cliff Barrett, UAMPS (phone) Charley Bulletts, Southern Paiute Consortium Joe Miller, Int'l Federation of Fly Fishers/TU Shane Capron, WAPA Kerry Christensen, Hualapai Tribe Kevin Dahl, National Parks Conservation Assn. Bill Davis, CREDA Kurt Dongoske, Pueblo of Zuni Katrina Grantz, U.S. Bureau of Reclamation Paul Harms, State of New Mexico Chris Harris, State of California/CRB Ken Hyde, NPS/GLNRA Vineetha Kartha, State of Arizona/TWG Vice-Chair Robert King, State of Utah (phone) Ryan Mann, Arizona Game & Fish Department Joe Miller, Federation of Fly Fishers/Trout Unlimited Don Ostler, State of Wyoming Ben Reeder, Grand Canyon River Guides Peggy Roefer, State of Nevada/UCRC Randy Seaholm State of Colorado Seth Shanahan, TWG Chair Larry Stevens, Gr. Canyon Wildlands Council (phone) Michael Yeatts, Hopi Tribe Kirk Young, U.S. Fish and Wildlife Service

Committee Members Absent

Chris Harris, State of California Chip Lewis, Bureau of Indian Affairs Steve Wolff, State of Wyoming

U.S. Geological Survey (USGS) and Grand Canyon Monitoring and Research Center (GCRMC) Staff

Lucas Bair, Economist Helen Fairley, Program Manager Ted Kennedy, Aquatic Biologist Mike Moran, Deputy Chief, GCMRC Emily Palmquist, Riparian Ecologist Scott VanderKooi, Center Director David Ward, Fishery Biologist Charles Yackulic, Research Statistician

Interested Persons, TWG Members and Alternates

Rob Billerbeck, NPS (phone) David Braun, Science Advisors Exec. Coordinator Carlee Brown, State of Colorado Kathy Callister, U.S. Bureau of Reclamation (phone) Jennifer Crandell, State of Nevada Marianne Crawford, U.S. Bureau of Reclamation Winkie Crook, Hualapai Tribe Fish, Wildlife & Parks Paul Davidson, U.S. Bureau of Reclamation Craig Ellsworth, WAPA Jessica Gwinn, U.S. Fish and Wildlife Service Brian Healy, NPS/GRCA Leslie James, CREDA & UAMPS John Jordan, Federation of Fly Fishers/TU Sarah Rinkevich, DOI Federal Liaison Chad Smith, Navajo Nation Dept. of Fish & Wildlife Gloria Tom, Navajo Nation Dept. of Fish & Wildlife