

Long-Term Operation – Final Environmental Impact Statement

Appendix A – List of Preparers

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Appendix A List of Preparers

A.1 U.S. Department of the Interior, Bureau of Reclamation

Name	Education/Qualifications	Years of Experience	Project Role
Jo Anna Beck	BA, Environmental Studies; MESM Environmental Science and Management	6	Alternatives Development, Technical and NEPA Review
Amanda Becker	BS, Natural Resources: Water Resource Management.	10	Model Development
Carolyn Bragg	BS, Environmental Science and Systems Policy	10	Technical and NEPA Review
Elissa Buttermore	MS, Fish and Wildlife	16	Technical Review
Luke Davis	BA, Environmental Studies	6	Technical and NEPA Review
Armin Halston	BS, Natural Resource Environmental Management	13	Alternatives Development, Technical and NEPA Review
Kristen L. Hiatt	BS Environmental Science; MAS Environmental Policy and Management – Natural Resource Management	19	Technical and NEPA Review
Dylan Hickey	BS. Environmental Science	7	Technical and NEPA Review
Claire Hsu	BS, Meteorology, MS, Environmental Science- Hydrology	24	Technical and NEPA Review
Joshua Israel	BS, Biochemistry and Molecular Biology; PhD, Ecology	17	Technical Review
Drew Allan Loney	PhD Mechanical Engineering MS Mechanical Engineering BS Civil Engineering	14	Modeling
Ryan Lucas	Ph.D. Environmental Systems	10	Modeling Coordination
Mario Manzo	BA, Economics	19	Technical Review
Seth Merdler	BS, Civil Engineering	9	Technical and NEPA Review

Name	Education/Qualifications	Years of Experience	Project Role
David Mooney, PE	PhD, Civil Engineering–River Mechanics	21	Policy Guidance, Alternatives Development, Model Development, Technical Review
Nancy Parker	BS, Systems Engineering; MS, Civil Engineering	29	Model Development
Janice Piñero	BA, Environmental Studies; MA, Organizational Leadership	24	Policy Guidance, Project Manager, Alternatives Development, Technical and NEPA Review
Derya Sumer, PE	BS, Civil Engineering; MS, Civil Engineering–Water Resources; PhD, Civil Engineering–Hydrology & Water Resources	15	Alternatives Development, Model Development, Technical Review
Tim Warner	AAS, Forest Technology	15	Alternatives Development, Technical and NEPA Review
Kristin White	BS, Civil Engineering; ME, Civil Engineering–Water Resources	19	Policy Guidance

A.2 ICF

Name	Qualifications	Years of Experience	Project Role
Cole Anderson	BS, Integrative Biology	5	Aquatics Author
Ellen Berryman	BS, Zoology; MS, Biology	36	Terrestrial Author
Kristi Black	JD; BA, Earth Science	13	Project Management, Oversight and Review, Visual Resources Author
Brett Bowen	BS, Environmental Resource Management	14	Aquatics Author
John Brandon	BS, Ecology; PhD, Fisheries Stock Assessment Science	27	Aquatics Author
Tim Carrara	BS, Marine Science	10	Aquatics Author
Max Chesser	BS, Fisheries Biology	9	Aquatics Author
Gregg Ellis	BA, Geography	28	Project Management, Oversight and Review

Name	Qualifications	Years of Experience	Project Role
Lesia Erecius	BS, Physiology; MS, Pharmacology and Toxicology	17	Hazards and Hazardous Materials, and Public Health & Safety Author
David Ernst	BA, Ethics and Politics; BS, Urban Systems Engineering; MCRP, Environmental Policy	43	Air Quality and GHG Author
Crystal Garcia	BA, Environmental Studies	11	Aquatics Author
Ryan Hallman	BS, Environmental Science	5	Air Quality and GHG Author
Christiaan Havelaar	BA, Anthropology	26	Cultural Resources Author
Chris Howington	BS, Environmental Earth Science	6	Terrestrial Author
Dennis Johnson	BA, English Literature; JD	23	Technical Editor
Andrew Kalmbach	BS, Environmental Science; MS Marine Biology	10	Aquatics Author
Rachel Kent	BS, Economics	13	Document/Publications Specialist
Susan Lassell	BS, Environmental Design; MA, Historic Preservation Planning	29	Technical Review
Calvin Lee	BS, Biology, Ecology, Behavior, and Evolution; MS, Marine Biology	10	Aquatics Author
Stefanie Lyster	BA, Journalism and Political Science; Master of Public Administration	24	Project/Document Management, Oversight and Review
Donna Maniscalco	BS, Wildlife, Fish and Conservation Biology	23	Aquatics Author
Suzanne Manugian	BA, Environmental Science; MS, Marine Science	11	Aquatics Author
Julien Moderan	BS, Marine Biology; MS, Marine Biology; Ph.D, Biological Oceanography	15	Aquatics Author

Name	Qualifications	Years of Experience	Project Role
Gregg Roy	BS, Political Economy of Natural Resources	34	Technical Review
Kait Schultz	BA, Interdisciplinary Studies	7	Technical Editor
Julien Scribner	BS, Biology	4	Aquatics Author
Julia Taylor	BS, Marine Biology; MS, Ecology, Evolution, and Conservation	10	Aquatics Author
Mike Tillotson	BA, Environmental Studies and Anthropology; MMA, Marine and Environmental Affairs; PhD, Aquatic and Fishery Sciences	10	Aquatics Author
Sophie Unger	BA, Biology; PhD, Aquatic Ecology	38	Aquatics Author
Rick Wilder	BS, Biology; PhD, Ecology, Evolution, and Marine Biology	19	Aquatics Author
Rita Wilson	BA, Environmental Studies	10	Aquatics Author
Sara Wilson	BA, Classical Languages (Ancient Greek, Latin)	26	Technical Editor

A.3 CDM Smith

Name	Qualifications	Years of Experience	Project Role
Laura Campagna	BS, Environmental Studies	8	Water Quality Author
Greta Gledhill	BS, Environmental Policy Analysis and Planning	2	Land Use and Agricultural Resources Author
Brian Heywood, PE, PMP	BS, Civil Engineering; MS, Civil and Environmental Engineering	27	Groundwater Author; Technical Review
Anusha Kashyap	BS, Civil Engineering; MS, Environmental Engineering	16	Regional Economics Author
Andria Loutsch, AICP, PMP	BS, Economics	28	Project Management, Oversight, and Review

Name	Qualifications	Years of Experience	Project Role
Christopher Park, AICP, PMP	BS, Natural Resources Planning; MCRP, City and Regional Planning	18	Technical Review
Jenna Quan	BS, Ecology, Evolution and Biodiversity	2	Environmental Justice Author
Jessica Roberts	BS, Environmental Studies; MS, Civil and Environmental Engineering	15	Recreation Author
David Sobel	BA, Economics; MA, International Economic Affairs	13	Regional Economics Contributing Author
Kate Stenberg	BA, Environmental Studies/Biology; M. Admin. Environmental Administration; PhD, Wildlife-Fisheries Science/Regional Planning	39	Technical Review
John Stults	BS, Environmental Engineering; MS, Environmental Engineering; PhD, Environmental Engineering	5	Groundwater Modeler
Suzanne Wilkins, AICP, ENV SP	BS, Business Administration	31	Power Author
Abbie Woodruff, AICP	BS, Geography; BS, Environmental Studies; MS, Urban and Environmental Planning	10	Water Supply Author

A.4 Cramer Fish Sciences

Name	Qualifications	Years of Experience	Project Role
Annie Brodsky	BS, Evolution, Ecology and Biodiversity	14	Aquatics Author
Brad Cavallo	BS, Fisheries Biology; MS, Aquatic Ecology	30	Aquatics Author
Matt Espe	BS, Horticulture Science, and MS and PhD in Horticulture and Agronomy	15	Aquatics Author

Name	Qualifications	Years of Experience	Project Role
Steven Zeug	BS, Fisheries Biology; PhD, Wildlife and Fisheries Sciences	23	Aquatics Author

A.5 ERA Economics

Name	Qualifications	Years of Experience	Project Role
Harry Ferdon	BA, Economics-Mathematics; MS, Agribusiness	12	Economist
Alexis Flores	BS, Managerial Economics	1	Economist
Stephen Hatchett	BS, Forestry; MA, Administration; PhD, Agricultural Economics	42	Economist
Richard Howitt	BS, Agricultural Economics; MS, Agricultural Economics; PhD, Agricultural Economics	45	Economist
Duncan MacEwan	BS, Mathematical Economics; MS, Agricultural and Resource Economics; PhD, Economic Geography	22	Economist
Roger Mann	BS, Resource Economics; MS, Agricultural and Resource Economics; PhD, Agricultural Economics and Economics	40	Economist
Brooks Ronspies	BS, Natural Resource and Environmental Economics; MS, Agricultural Economics	7	Economist

A.6 Jacobs

Name	Qualifications	Years of Experience	Project Role
Syed Azhar Ali	BE, Civil Engineering; MTech, Civil Engineering; PhD, Biological Systems Engineering	6	Water Resources Modeler
Kaitlin Chung	BS, Civil and Environmental Engineering; MS, Civil and Environmental Engineering	1	Water Resources Modeler

Name	Qualifications	Years of Experience	Project Role
Craig Cooledge	BS, Civil and Environmental Engineering; MS, Civil and Environmental Engineering	8	Groundwater Modeler
Tapash Das	B. Tech., Agricultural Engineering; M. Tech., Water Resources Development and Management; PhD, Hydraulic and Water Resources Engineering	18	Lead Climate Change Technologist
Courtney James Porter, PE	BS, Civil Engineering; MS, Civil and Environmental Engineering	3	Water Resources Modeler
Peter Lawson, PG, CHG	BS, Geology; MS, Hydrology	34	Senior Lead for Groundwater Modeling
Robert Leaf, PE	BS, Forest and Resource Management; BS, Civil Engineering; MS, Civil Engineering; MBA	28	Senior Lead for Water Resources Modeling
Steven Micko, PE	BS, Civil and Environmental Engineering, MS, Civil and Environmental Engineering	10	Water Resources Modeler
Sai Nudurupati	B. Tech. Mechanical Engineering; MS, Mechanical Engineering; MS, Engineering Mechanics; PhD, Civil & Environmental Engineering	6	Water Resources Modeler
Luke Philbert	BA, Environmental Studies and Economics MS, Water Engineering	8	Water Resources Modeler
Solmaz Rasoulzadeh	BS, Soil and Water Engineering; MS, Water Resources Engineering; PhD, Water Resources Engineering	8	Water Resources Modeler
Samaneh Saadat	BS, Water Engineering; MS, Hydrology and Water Resources Engineering; PhD, Environmental and Water Resources Engineering	8	Water Resources Modeler

Name	Qualifications	Years of Experience	Project Role
Reed Thayer, PE	BA, Environmental Studies and Economics MS, Water Engineering	10	Water Resources Modeler
Chad Whittington, PE	BS, Civil and Environmental Engineering; MS, Civil and Environmental Engineering	8	Water Resources Modeler
Emily Teraoka	BA, Biology and Environmental Studies; MS, Natural Resources	22	Aquatics Author

A.7 RBI

Name	Qualifications	Years of Experience	Project Role
Michelle Brown	BS, Civil Engineering; MS, Civil Engineering	28	Water Quality Author
Michael Bryan	BS, Fisheries Biology; MS, Fisheries Biology and Biology; PhD, Environmental Toxicology and Fisheries Biology	37	Water Quality Author
Cameron Irvine	BS, Biology; MS, Environmental Science (Ecotoxicology)	28	Water Quality Author
Cyle Moon	BS, Environmental Engineering; MS, Engineering Science	11	Water Quality Modeling Support

A.8 Stantec

Name	Qualifications	Years of Experience	Project Role
Andy Draper, PhD, PE	PhD, Water Resources Engineering; MS, Irrigation Engineering; BS, General Engineering	45	Water Resources Modeling
Tom Fitzhugh	BA, Government; MS, Environmental Monitoring	26	Water Resources Modeling
Sarah Hamilton, PE	MS, Civil and Environmental Engineering; BS, Bioproducts and Biosystems Engineering	9	Water Resources Modeling

Name	Qualifications	Years of Experience	Project Role
Yuan Hui, PhD, PE	PhD, Civil Engineering; MS, Data Science; MS Hydroinformatics and Water Management; BS, Hydraulic Engineering	12	Water Resources Modeling
Roja Kaveh Garna, PhD	PhD, Water Resources Engineering; MS, Water Resources Engineering; BE, Civil Engineering	10	Water Resources Modeling
Puneet Khatavkar, PhD, PE, ENV-SP	PhD, Water Resources Engineering; MS, Civil and Sustainable Engineering	10	Water Resources Modeling
Tom Koler, PG	BS, Geology; MS, Geology, PhD, Business Management	48	Geology and Soils Author
Mary Paasch, PE, PMP	BS, Agricultural Engineering; MS, Agricultural Engineering	29	Oversight and Technical Review
David Pluth	BS, Aquatic Biology, M Natural Resources	17	Aquatics Author
Mina Shahed Behrouz, PhD	PhD, Biosystems Engineering; MS, Environmental and Water Resources Engineering; BS, Civil and Environmental Engineering	8	Water Resources Modeling
Stephanie Theis	BS, Fisheries Biology	34	Aquatics and Indian Trust Assets Author
Paul Uncapher	BS, Geological Sciences	44	Geology and Soils Author
Heather Waldrop	BS, Environmental Studies	27	Project Management and Technical Review

A.9 Stillwater Sciences

Name	Qualifications	Years of Experience	Project Role
Katherine Ayres	BA, Biology; Ph.D., Biology	19	Project Management, Oversight, Aquatics Author, Technical Review
Ethan Bell	BS, Ecology and Evolution;	27	Technical Review

Name	Qualifications	Years of Experience	Project Role
	MS, Fisheries Biology		
Nate Butler	BS, Civil and Environmental Engineering; MS, Environmental Engineering; Ph.D., Environmental Engineering	12	Aquatics Author
Lauren Dusek	BS, Wildlife, Fisheries, and Conservation Biology	24	Aquatics Author
Kayla Fitzpatrick	BA, Geological Sciences; BS, Environmental Science; MS, Natural Resources: Forestry, Watershed, and Wildland Sciences	5	Aquatics Author
AJ Keith	BS, Environmental, Population, and Organismal Biology; MA, Ecology and Systematic Biology	33	Project Management, Aquatics Author, Technical Review
Dirk Pedersen	BS, Fisheries Science	33	Technical Review