

6.1 Preparers by Affiliation

6.1.1 Lead Agencies

6.1.1.1 California Department of Water Resources

Name	Expertise
Derrick Adachi	Program Manager III
Rachel E. August	Environmental Scientist
Maninder Bahia	Water Resources Engineer
Katherine Bandy	Environmental Scientist
Jessica Barnes	Senior Environmental Scientist (Specialist)
Banafsheh Behnam	Supervising Water Resources Engineer
Gina Benigno	Environmental Scientist
Connor Block	Environmental Scientist
Dave Bogener	Environmental Program Manager I
Kenneth Bogdan	Senior Staff Counsel
Linda Bond	Engineering Geologist
Mike Bradbury	Program Manager II
Delores Brown	Environmental Program Manager II (retired)
Jody L. Brown	Senior Environmental Planner
Rich Breuer	Environmental Program Manager I
Steven M. Brumbaugh	Environmental Scientist
Analisa M. Canepa	Environmental Scientist
Jay Chamberlin	Environmental Program Manager I
Erin Chappell	Senior Environmental Scientist (Specialist)
Lori E. Clamurro Chew	Senior Environmental Scientist (Specialist)
Kevin Clark	Senior Environmental Scientist (Specialist)
Louise Conrad	Senior Environmental Scientist
Mark Cowin	Director
Barbara Cross	Environmental Program Manager I
Monica Cross	Fish and Wildlife Scientific Aid
Tony Danna	Senior Environmental Scientist (Specialist)
Nicole Darby	Program Manager II
Gina Skurka Darin	Senior Environmental Scientist
Allan Davis	Supervising Land Agent
Carol Digiorgio	Program Manager I
Chi Doan	Supervising Hydroelectric Power Utility Engineer
Gordon Enas	Principal Water Resources Engineer
Teresa Engstrom	Principal Water Resources Engineer
Cassandra Enos-Nobriga	Program Manager, Executive Program Office
Chris Enright	Senior Water Resources Engineer
Karen Enstrom	Program Manager II

Name	Expertise
Cliff Feldheim	Senior Environmental Scientist (Specialist)
Tom Filler	Program Manager II
Laura Flournoy	Senior Environmental Scientist (Specialist)
Teresa Fong	Water Resources Engineer
Mike Ford	Supervising Water Resources Engineer
Heather Fuller	Environmental Scientist
Cindy Garcia	Environmental Program Manager I
Christopher Geach	Environmental Scientist
Kim Gazzaniga	Senior Environmental Scientist
Rebecca Gilbert	Environmental Planner
Marcos Guerrero	Associate Environmental Planner
Don Guy	Senior Environmental Scientist (Specialist)
Lesley Hamamoto	Senior Environmental Scientist (Specialist)
Bill Harrell	Executive Habitat Coordinator, DWR's EcoRestore Program
Paul Helliker	Deputy Director
Adam Henderson	Senior Environmental Scientist (Specialist)
Mike Hendrick	Environmental Program Manager I
Veronica Hicks	Chief, State Water Project Power and Risk Office
Nick Hightower	Engineering Geologist
Ray Hoagland	Economic Research Program Manager III
Dale Hoffman-Floerke	Chief Deputy Director (retired)
Krista Hoffmann	Environmental Scientist
Nekane Hollister	Senior Water Resources Engineer
Gardner Jones	Senior Environmental Scientist (Specialist)
Lauma Jurkevics	Senior Environmental Scientist (Specialist)
Kenneth Karcher	Senior Engineer, Water Resources
Joy Khamphanh	Environmental Scientist
Jason Kindopp	Senior Environmental Scientist
Laura King-Moon	Chief Deputy Director
Marianne Kirkland	Senior Water Resources Engineer
Margaret Kress	Environmental Planner
Gail Kuenster	Environmental Program Manager I
Ryon Kurth	Senior Environmental Scientist (Specialist)
Cynthia LeDoux-Bloom	Senior Environmental Scientist (Specialist)
John Leahigh	Principal Water Resources Engineer
Peggy Lehmen	Senior Environmental Scientist (Specialist)
Pamela Lindholm	Environmental Scientist
Katherine Marquez	Environmental Scientist
Paul Marshall	Principal Water Resources Engineer
Zoltan Matica	Environmental Scientist
Barbara McDonnell	Chief, Division of Environmental Services (retired)
Dennis McEwan	Environmental Program Manager I
Michelle McGowan	Office Technician
Leah McNearny	Senior Environmental Scientist (Specialist)
Francine Mejia	Senior Environmental Scientist (Specialist)
Dean F. Messer	Chief, Division of Environmental Services
Aaron Miller	Senior Water Resources Engineer
Sonia Miller	Environmental Scientist

Name	Expertise
Javier Miranda	Senior Environmental Scientist (Specialist)
Jason Moore	Environmental Scientist
Jim Moose	Outside Counsel to DWR, Remy Moose Manley, LLP
Michelle Morrow	Assistant Chief Counsel
Parviz Nader-Tehrani	Supervising Water Resources Engineer
Tim Nelson	Water Resources Engineer
James Newcomb	Senior Environmental Scientist
Murage Ngatia	Environmental Scientist
Bob Niblack	Senior Engineering Geologist
Robert Nozuka	Supervising Water Resources Engineer
Janis Offerman	Senior Environmental Planner
Eric Oppenheimer	Environmental Program Manager I
Mark Pagenkopp	Senior Engineering Geologist
Ganesh Pandy	Supervising Water Resources Engineer
Laura Patterson	Senior Environmental Scientist (Specialist)
Michael Perrone	Recreation and Wildlife Resources Advisor
David Perry	Engineering Geologist
Roy Peterson	Environmental Scientist (retired)
Michelle Phillips	Senior Environmental Scientist (Specialist)
Praba Pirabarooan	Supervising Water Resources Engineer
Kristina A. Reese	Environmental Scientist
Erik Reyes	Supervising Water Resources Engineer
Jim Rich	Economic Research Program Specialist II (retired)
Dan Riordan	Senior Environmental Scientist
Doug Rischbieter	Senior Environmental Scientist (Specialist)
Heidi Rooks	Environmental Program Manager II
Arnold Sanchez	Supervising Water Resources Engineer
Tiffany Schmid	Associate Environmental Planner
Brian Schreier	Environmental Scientist
Andrew Schwarz	Senior Water Resources Engineer
Alicia Seesholtz	Senior Environmental Scientist (Specialist)
Michelle Selmon	Senior Environmental Scientist (Specialist)
Maureen Sergent	Senior Engineer, State Water Project Analysis Office
Tim Smith	Program Manager II
Scott Sochar	Engineering Geologist
Ted Sommer	Program Manager II
Stephani Spaar	Environmental Program Manager II
Katherine Spanos	Senior Staff Counsel (retired)
Curtis Spencer	Principal Water Resources Engineer
Russ Stein	Assistant Deputy Director
Jamie Suria	Environmental Scientist
Ted J. Swift	Senior Environmental Scientist (Specialist)
Jeff Tkach	Environmental Scientist
Danika Tsao	Senior Environmental Scientist (Specialist)
Ming-Yen Tu	Water Resources Engineer
Charles A. Tyson	Environmental Program Manager I
Al Vargas	Program Manager I
Wayne Verrill	Environmental Scientist

Name	Expertise
Katie Wadsworth	Senior Environmental Scientist (Specialist)
Jacqueline Wait	Senior Environmental Planner
Xiaochun Wang	Senior Water Resources Engineer
Chris Wilkinson	Environmental Program Manager I
Craig Williams	Environmental Scientist
Jean Witzman	Program Manager I
Marcus Yee	Program Manager II

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2 6.1.1.2 U.S. Bureau of Reclamation

Name	Education	Expertise	Experience	Project Role
Kaylee Allen	JD, 1997	Department of Interior, Regional Solicitor's Office	16 years	Legal Review
Junaid As-Salek		Modeler		Water Resources
Michelle Banonis		BDCP Program Manager		Program Management
Thomas Fitzhugh	MS, GIS and Remote Sensing	Hydrologist	12 years	Water Supply Surface Water
Sue Fry		Bay Delta Office Manager		Program Management
Patti Idlof	BS, Natural Resources Management	Supervisory Natural Resources Specialist	30 years	NEPA Review
Jason Hassrick		Fish Biologist		Fish and Aquatic Resources
Fred Holz		Civil Engineering		Engineering
Joshua Israel	PhD, Ecology BS, Biochemistry and Molecular Biology	Fish Biologist	11 years	Fish and Aquatic Resources
Mary Lee Knecht		Assistant BDCP Program Manager		Program Management
Jobaid Kabir	BS, MS, PhD in Civil and Environmental Engineering	Water Resources	30 years	Water Resources Review
Andrea Meier	MS, Public Policy and Administration BS, Environmental Toxicology	Natural Resource Specialist	9 years	Socioeconomics Recreation Transportation Hazards and Hazardous Materials Environmental Justice
Greg Mongano				Geology, Minerals
Louis Moore		Public Affairs Specialist		Public Outreach
Michael Mosley	Master of Environmental Science and Management, Water Resources Management BS, Geological and Environmental Science	Water Quality Coordinator	5 years	Water Quality
Kirk Nelson	Ph.D., Civil & Environmental Engineering	Engineering Groundwater/Environmental Engineering	11 years	Groundwater & Air Quality
Theresa Olson	MS, Environmental Policy	Wildlife biology/Environmental Compliance	23 years	BDCP Acting Program Manager/Conservation and Conveyance Division Chief
Michele Palmer	M.S., Biology	Fish Biologist	20 years	Fish and Aquatic Resources

Name	Education	Expertise	Experience	Project Role
Laureen Perry	M.A., Anthropology	Cultural Resources Management	25 years	Cultural Resources Review, National Historic Preservation Act Section 106 compliance and Native American consultation
Ray Sahlberg				Water Rights
Andrew Shultz	M.S, B.S. Wildlife & Fisheries Science ; Ph.D. Ecology and Evolutionary Biology	Fisheries and Aquatic Ecology	20 years	Fish and Aquatic Resources
Scott Springer	BS, Wildlife Recreation Management	Outdoor Recreation Planner	21 years	Recreation
Ann Stine	MS, Natural Resources Management	Wildlife Biologist	30 years	NEPA Review Coordinator, Terrestrial Resources
Michael Tansey		Special Projects Coordinator		Air Quality and GHG Climate Change
Travis Yonts	Agricultural Engineering	Water Resource Modeler	10 years	Water Resources

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2 **6.1.2 Responsible and Cooperating Agencies**

3 **6.1.2.1 California Department of Fish and Wildlife**

Name	Education	Expertise	Experience	Project Role
Erin Aquino-Carhart	BS, Biological Conservation, 2008	Regulatory compliance, fish and wildlife biology	4 years	Introduction review coordination
Carol Atkins	Postgraduate research in soil physics MS, Soil Science, 1988 BS, Biological Sciences, 1984	Water quality; regulatory compliance; mercury, metals, and selenium in the environment	26 years	Water Quality
Carie Battistone	MS, Avian Science, 2005 BS, Wildlife Biology, 2001	Avian ecology	12 years	Terrestrial Biological Resources review coordination
Scott Cantrell	Masters of Public Policy and Administration, 2012 MS, Ecology, 1988 BS, Biology, 1986	CEQA compliance, regulatory compliance, fish and terrestrial wildlife	25 years	Alternative screening review coordination public outreach
Laura Cholodenko	MS, Conservation Biology, 2006 BA, Environmental Studies, 1992	Regulatory compliance, terrestrial biology	13 years	Terrestrial Biological Resources
Lori Clamurro	MBA, 2006 BS, Environmental Policy Analysis and Planning, 1997	Land use, water quality, terrestrial biology	14 years	Land Use Agricultural Resources
Neil Clipperton	MS, Biological Sciences, 2005 BS, Ecology and Systematic Biology, 1999	Conservation genetics, avian ecology, terrestrial biology	8 years	Terrestrial Biological Resources review coordination
Patrick Coulston	MS, Fisheries Science, 1977 BS, Fisheries Biology, 1974	SWP/CVP operations; fish ecology	30 years	Water Supply Fish and Aquatic Resources
Chad Dibble	BS, Biological Conservation, 2000	Water quality; fish ecology; SWP/CVP operations	12 years	Water Quality review coordination

Name	Education	Expertise	Experience	Project Role
Chandra Ferrari	JD, 2006 BA, Animal Science and Management, 2003	Regulatory compliance, legal review, CEQA compliance	6 years	Alternatives Purpose and Need Approach to Analysis
Terry Foreman	MS, Biology, 1985 BS, Zoology, 1975	Inland fisheries and ichthyology	20 years	Recreation
George Heise	BS, Civil Engineering, 1980	Water resources and fish facility engineering	23 years	Intake design and siting
Shannon Little	JD, 2008 BA, Journalism, 2000	NEPA/CEQA compliance, regulatory compliance	4 years	Agricultural Resources
Amber Pairs	PhD, Environmental Studies/Conservation Biology, 2005 BA, Environmental Studies, 1996	Climate change adaptation policy, conservation science	15 years	Climate Change
Jason Roberts	BS, Conservation Biology, 2006	Anadromous fish, SWP/CVP operations, floodplain restoration	8 years	Recreation Fish and Aquatic Resources Water Supply
Jim White	MS, Aquatic Ecology, 1978 BS, Wildlife and Fisheries Biology, 1974	SWP/CVP operations; fish ecology	33 years	Water Supply Surface Water

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6.1.2.2 U.S. Fish and Wildlife Service

Name	Expertise
Craig Anderson	Hydrologist, San Francisco Bay-Delta Fish and Wildlife Office
Aondrea Bartoo	Fish and Wildlife Biologist, San Francisco Bay-Delta Fish and Wildlife Office
Barbara Beggs	Fish and Wildlife Biologist (NEPA Coordinator), San Francisco Bay-Delta Fish and Wildlife Office
Dan Castleberry	Region 8 Assistant Regional Director (Fisheries), Pacific Southwest Region
Mike Chotkowski	Field Supervisor, San Francisco Bay-Delta Fish and Wildlife Office
Jorie Clark	Regional Archaeologist/Regional Historic Preservation Officer, Pacific Region
Dan Cox	Region 8 Habitat Conservation Plan Coordinator, Pacific Southwest Region
Steve Culberson	Fish and Wildlife Biologist, San Francisco Bay-Delta Fish and Wildlife Office
Erin Gleason	Fish and Wildlife Biologist, San Francisco Bay-Delta Fish and Wildlife Office
Mary Grim	Region 8 Listing Coordinator, Pacific Southwest Region
Roger Guinee	Assistant Field Supervisor (Science, Modeling, and Water Operations), San Francisco Bay-Delta Fish and Wildlife Office
Derek Hilts	Hydrologist, San Francisco Bay-Delta Fish and Wildlife Office
Mike Hoover	Assistant Field Supervisor (Bay Delta Initiatives), San Francisco Bay-Delta Fish and Wildlife Office
Steve Martarano	Public Affairs Specialist, San Francisco Bay-Delta Fish and Wildlife Office
Matt Nobriga	Fish and Wildlife Biologist, San Francisco Bay-Delta Fish and Wildlife Office
Jenness McBride	Region 8 Habitat Conservation Plan Coordinator (former), Pacific Southwest Region
Bart McDermott	Project Leader, Stone Lakes National Wildlife Refuge
Jennifer Norris	Deputy Field Supervisor, San Francisco Bay-Delta Fish and Wildlife Office
Victoria Poage	Delta Native Fishes Recovery Biologist, San Francisco Bay-Delta Fish and Wildlife Office
Lori Rinek	Fish and Wildlife Biologist (Section 10 Coordinator), San Francisco Bay-Delta Fish and Wildlife Office

Name	Expertise
Beatrix Treiterer	Deputy Project Leader, Stone Lakes National Wildlife Refuge
Kim S. Turner	Assistant Field Supervisor (ESA-Regulatory Division), San Francisco Bay-Delta Fish and Wildlife Office
Heather Swinney	Fish and Wildlife Biologist (Section 10), San Francisco Bay-Delta Fish and Wildlife Office
Leanna Zweig	Fish and Wildlife Biologist, San Francisco Bay-Delta Fish and Wildlife Office

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6.1.2.3 National Marine Fisheries Service

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Name	Education	Expertise	Experience	Project Role
Cathy Marcinkevage	PhD, Environmental Engineering MS, Environmental Engineering BS, Earth and Environmental Engineering	Biological and Hydrologic Modeling	9 years	Bay Delta Conservation Plan— Biomodeler
Shelby Mendez	BS, Biology MS, Master of Marine Affairs	NEPA	10 years	Regional NEPA Coordinator
Maria Rea				Central Valley Office Supervisor
Yvette Redler	BS, Environmental Science/Biology	NEPA, Salmonid and Sturgeon Biology	9 years	Bay Delta Conservation Plan— Fisheries Biologist
David Swank	PhD, Fisheries Ecology MS, Zoology BS, Biology	Steelhead and Salmon Biology, Population Biology, and Life-History Theory	16 years	Bay Delta Conservation Plan— Lead Biologist
Michael Tucker	BS, Wildlife Ecology	Endangered Species recovery/habitat restoration & regulatory process	21 years	Bay Delta Conservation Plan— Branch Chief
Beth Wrege	PhD, Fisheries and Wildlife Management MS, Fisheries Biology BS, Biology/Geology	Hydrology, Fisheries behavior and movement modeling, GW-SW interactions	26 years	Bay Delta Conservation Plan— Hydrologist
Ryan Wulff	MAS, Marine Biodiversity and Conservation Education BA, Biology	NEPA and ESA	7 years	Senior Policy Advisor/Acting Chief of Delta Policy and Restoration

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1 6.1.3 Consultant Teams (Post Public Draft)

2 6.1.3.1 ICF International

Name	Education	Expertise	Experience	Project Role
Gregg Roy	BS, Political Economy of Natural Resources, 1982	NEPA/ CEQA compliance, economics (natural resource), water resource planning	25 years	Project Director
Steve Centerwall	BS, Environmental Policy Analysis and Planning, 1986	NEPA/ CEQA compliance, regulatory compliance, water resource planning	26 years	Project Manager
Teresa Chan	JD, Law, 2005 BA, Political Science, 2002	NEPA/CEQA compliance, regulatory compliance, legal review	8 years	Deputy Project Manager
Adam Smith	MS, Urban and Regional Planning, 2011 MPA, Public Affairs, 2011 BA, Political Science, 2007	Land use planning, policy analysis, technical writing	3 years	Deputy Project Manager
Kasey Allen	BA, Economics, 2003	Geographic Information Systems (GIS), database design and management, spatial analysis	9 years	GIS Coordinator
Alan Barnard		Graphic design, web design, multimedia design, and cartography	17 years	Graphics
Russell Brown	PhD, Civil Engineering and Water Resources, 1978 MS, Ocean Engineering, 1974 BS, Civil and Environmental Engineering, 1972	Hydrologic and water quality modeling to support fisheries and other water resource investigations	34 years	Water Storage
David Buehler, PE	BS, Civil Engineering, 1980	Noise and vibration impact and mitigation assessment	30 years	Noise
Jillian Burns	BS, Environmental Management and Protection, California Polytechnic State University, San Luis Obispo, 2012	Field biology, research, planning, and regulatory permitting	3 years	Coordination
Joel Butterworth	MS, Geography, 1987 BA, Geography, 1985	Geology and soils impact assessment, soil resource evaluation, erosion and sediment control	24 years	Geology and Seismicity Soils
Saadia Byram		NEPA/CEQA compliance, technical editing, document formatting and production, project coordination, and public involvement	23 years	Technical editor and publications specialist, and Section 508 compliance coordination
Pat Crain	BS, Wildlife, 1999	Fisheries and fish ecology	20 years	Fish and aquatics

Name	Education	Expertise	Experience	Project Role
Susan Davis	MS, English Literature, 1995 BA, English Literature, 1990	Content analysis, website development, programming, electronic publishing	15 Years	Coordination
Edward Douglas	BA, Geography, 2006	GIS, GPS, CAD, map production	5 years	GIS Support
Lesia Erecius	MS, Pharmacology and Toxicology BS, Physiology	Water resources, aquatic toxicology, environmental impact assessment, project management	6 years	Hazards and Hazardous Resources Public Health Agricultural Resources
Matilda Evoy-Mount	BA, Environmental Studies, 2009	Water resource planning, NEPA/CEQA compliance, ESA compliance	6 years	Coordination
Rachel Gardiner	MS, Candidate, Wildlife Ecology BS, Biology, 2001	Avian monitoring, data analysis, scientific writing	11 years	Terrestrial Biological Resources
Teresa Giffen		Technical editing, writing, graphic design	14 years	Graphics Coordination
Lawrence Goral		Managing editor, technical writing, CEQA and NEPA document development	13 years	Managing Editor, Graphics Coordination
Marin Greenwood	PhD, Fish Ecology, 2002 MS, Applied Fish Biology, 1997 BS, Aquatic Bioscience, 1996	Aquatic ecology, impact assessment, restoration benefit assessment	9 years	Fish and Aquatic Resources
Jennifer Haire	BS, Biology, 1995	Wildlife biology, special-status species surveys, environmental document preparation	16 years	Terrestrial Biological Resources
Shannon Hatcher	BS, Environmental Science, 2000 BS, Environmental Health and Safety, 2000	Air quality and greenhouse gas chapters review	11 years	Air Quality and Greenhouse Gases
Erin Healy	MS, Marine Science, 1988 BA, Geology/Biology, 1983	Water quality, hydrology, and contaminants analysis	20 years	Fish and Aquatic Resources
John Howe	MS, Environmental Biology, 2001 BS, Biology, 1993	Aquatic and wildlife ecology, wildlife surveys, habitat assessments	15 Years	Terrestrial Biological Resources
Deborah Jew	A.A. General Education 1992 C.A. Graphic Communication 2013	Lead word processor and document coordination	31 years	Production
Jody Job		Word processing and document coordination	33 years	Production
Jeff Kozlowski	MS, Ecology, 2004 BS, Natural Resources Management, 1986	Fish biology and fisheries management	29 years	Fish Biologist

Name	Education	Expertise	Experience	Project Role
Eric Link	MS Candidate, Conservation Biology BS, Ecology	GIS, spatial data analyses, assessment modeling, conservation biology	4 years	GIS Support
Stefanie Lyster	MPA, 2003 BA, Journalism, 1998	Communications, public outreach, project management	14 years	Public Involvement, Consultation, and Coordination
Cory Matsui	BA, Earth and Planetary Science, 2009 AA, Physics, 2007	Air quality and climate change environmental impact analysis	4 years	Air Quality and Greenhouse Gases
Matthew McFalls	BA, Public Administration and Urban Studies, 2003 MS, Geography, 2007	Air Quality and Greenhouse Gases	7 years	Air Quality and Greenhouse Gases
Timothy Messick	MA, Biology, 1982 BA, Botany, 1980 AA, Natural Resources, 1977	Graphic design, illustration, cartography, botany	29 years	Graphics
Tami Mihm	BS, Environmental Policy Analysis and Planning, 1988	Editing, NEPA/CEQA, project management	20 years	Recreation, Executive Summary, Editing
Bill Mitchell	MS, Fisheries Biology, 1988 BS, Biology, 1980	Fisheries and biology	29 years	Fish biologist
Dan Moreno	MA, Geography, 1979 BA, Geography, 1976	GIS	36 years	GIS
Stephanie Monzon	MA, English, 2000 BA, English, 1998	Editing and publishing	6 years	Editing
Stephanie Myers	MS, Avian Sciences, 1987 BA, Biology, 1983	Special-status species surveys, wildlife habitat evaluation, impact assessment	25 years	Terrestrial Biological Resources
Corrine Ortega	AA, Communications, 1996	Document production and publication	22 years	Document Production for Terrestrial Biological Resources
Bill Parker	MA, Geography, in progress BA, Anthropology, 2002 GIS Certification of Completion, 2008	GIS and habitat conservation plans	6 years	GIS
Jennifer Pierre	BS, Environmental Biology and Management, 2003	CEQA, NEPA, Water-related projects	12 years	CEQA/NEPA Project Manager
Robert Preston	PhD, Botany, 1990 MA, Botany, 1983 BA, Biological Sciences and Chemistry, 1981	Botanical surveys, wetlands delineations, wetlands permitting	21 years	Terrestrial Biological Resources
Alisa Reynolds	MA Candidate, Anthropology BA, Anthropology, 1995	Cultural resources compliance for NEPA/CEQA and mitigation procedures	16 years	Cultural Resources
Michael Rushton	MA, Geography, 1972 BA, Geography, 1968	NEPA/CEQA compliance, natural resources management planning, environmental permitting	39 years	Terrestrial Biological Resources Paleontological Resources

Name	Education	Expertise	Experience	Project Role
Meg Scantlebury	MA, Historic Preservation, 2003 BS, Environmental Design, 1981	Section 106 implementation, cultural resources compliance	13 years	Cultural Resources
Dan Schiff	BA, Geography, 2002	GIS, geospatial database design and management	7 years	GIS Support
Brian Schuster	BS, Atmospheric, Oceanic, and Environmental Science, 2007	Air quality and climate change studies and permitting	7 years	Air Quality and Climate Change
Sacha Selim	BA, Economics/Business Management	GIS, spatial analysis, geodatabase design and topology	5 years	GIS Support
Emily Setzer	MA, Interactive Environmental Journalism, 2007 BA, English, 2003	Technical writing, project coordination, publication management	9 years	Coordination, Executive Summary, Recreation, Environmental Justice
Jessie Shen	MA, Urban Planning, New York University, 2014 BS, Environmental Policy Analysis and Planning, University of California, Davis, 2009	CEQA/NEPA	5 years	Coordination
Paul Shigley	BA, Government Journalism	Writing and editing, land use planning, environmental regulation	24 years	Executive Summary, Land Use, Editing
Tom Stewart	PhD, Geography, 1988 MS, Geography, 1981 BA, Geography, 1974	Energy and hydroelectric development, watershed analysis	35 years	Minerals
Jennifer Stock, LA	BLA, Landscape Architecture, 1999	Visual resources and shade/shadow analysis, habitat restoration projects	12 years	Aesthetics and Visual Resources
Roger Trott	MS, Agricultural Economics, 1983 BA, Economics, 1981	Socioeconomic assessments	29 years	Socioeconomics
Sophie Unger	PhD, Aquatic Ecology, University of Colorado, Boulder, 1985 BA, Biology, Harvard University, 1970	Environmental impact assessment and permitting, aquatic and fisheries ecology, fisheries modeling, limnology, water quality, and statistical sampling design	35 years	Biologist
Ellen Unsworth	MS, Interdisciplinary Studies (geology, biology, and technical communication), 1997 BA, Geology, 1989	Geology and paleontology sections for NEPA/CEQA documents	12 years	Paleontological Resources
Jason Volk	BS, Mechanical Engineering, 2000	Noise modeling and analysis, air quality modeling and analysis	11 years	Noise

Name	Education	Expertise	Experience	Project Role
Rick Wilder	PhD, Ecology, Evolution, and Marine Biology, 2003 BS, Biology, 1994	Fisheries biology	17 years	Fish and Aquatic Resources
Barbara Wolf	MA, Anthropology, 2003 BA, Geography and Anthropology, 1997	Editing, formatting, publishing	14 years	Editing
Laura Yoon	MS Candidate, Environmental Management BA, Environmental Studies, 2009	Air quality impact studies, conformity analysis, dispersion modeling	2 years	Air Quality and Greenhouse Gases Climate Change

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2 **6.1.3.2 CH2M Hill**

Name	Education	Expertise	Project Role
Christine Arenal		Water Resources Engineering	Water Supply Surface Water
Nathan Brown, PG, CHg	MS, Hydrogeology, 1995 BS, Geology, 1993	Hydrogeology	Groundwater
Gwendolyn Buchholz, PE	MS, Civil Engineering, 1976 BA, Physics, 1974	Water Resources Engineering CEQA/NEPA Physical Science	Water Supply Surface Water Groundwater Socioeconomics
Chandra Chilmakuri, PE	PhD, Hydrodynamics and Environmental Modeling, 2005 MS, Civil and Environmental Engineering, 2002 BS, Civil Engineering, 2000	Water Resources Engineering	Water Supply Surface Water Groundwater Quality
Rosemarie Dimacali	MS, Civil Engineering, 2012 BS, Civil Engineering, 2009	Water Resources engineering	Water Supply Surface Water
Steven Hatchett	PhD, Agricultural Economics, 1984 MA, Administration, 1980 BS, Forestry, 1977	Resource Economics	Socioeconomics
Peter Lawson, PG, CHg	MS, Hydrology, 1988 BS, Geology, 1985	Hydrogeology	Groundwater
Harry Ohlendorf, CWB, Senior Ecologist	PhD, Wildlife Science, 1971 MS, Wildlife Science, 1969 BS, Wildlife Science, 1962	Ecological Risk Management	Surface Water Quality
Lisa Porta, PE	MS, Environmental Science and Engineering, 2007 BS, Biological Systems Engineering, 2004	Water Resources/ Hydrogeologic Engineering	Groundwater Water Supply Surface Water
Fatuma Yusuf	PhD, Agricultural Economics, 2000 MS, Statistics, 1999 MA, Agricultural Economics, 1994 BSc, Range Management, 1990	Resource Economics	Socioeconomics

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1 **6.1.3.3 Black & Veatch**

Name	Education	Expertise	Experience	Project Role
Steve Brockhoff	BS, Geography	Geographic Information Systems	8 Years	GIS Analyst Mapbooks
Diana Cregar	BS, Urban and Regional Planning and Historic Preservation	Geographic Information Systems	15 Years	GIS Implementation Mapbooks
Crystal Schiffbauer-Bowles	MS, Environmental Information Systems and Project Management BS, Environmental Science and Environmental Biology	Geographic Information Systems	7 Years	GIS Analysis Mapbooks

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3 **6.1.3.4 RBI Consulting, Inc.**

Name	Education	Expertise	Experience	Project Role
Paul Bedore	MS, Environmental Earth Systems Science, 2009 MS, Natural Resources and Environmental Sciences, 2007 BS, Chemistry, 2005	Environmental fate and transport, water quality and water resources studies and impact assessments.	10 years	Water Quality
Michelle Brown, PE	MS, Civil Engineering, 1996 BS, Civil Engineering, 1993	Water quality and water resources assessments related to CEQA compliance and NPDES permitting	19 years	Water Quality
Michael Bryan	PhD, Environmental Toxicology and Fisheries Biology, 1993 MS, Fisheries Biology, 1989 BS, Fisheries	Water quality, fisheries biology, aquatic toxicology research and CEQA/NEPA assessments	29 years	Water Quality
Ben Giudice	PhD, Environmental and Water Resources Engineering, 2012 MS, Environmental Engineering, 2007 BSE, Civil Engineering, 2005	Water quality, environmental fate and transport, risk assessment, ecotoxicology	10 years	Water Quality
Jeff Lafer	MS, Environmental Science, 1992 BS, Environmental Science, 1985	Water quality and water resources studies and impact assessment	25 years	Water Quality
Keith Whitener	BS, Wildlife and Fisheries Biology, 1988	Aquatic studies, biological assessments, land stewardship operations	20 years	Water Quality

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1 **6.1.3.5 Fehr & Peers**

Name	Education	Expertise	Experience	Project Role
Fred Choa	MS, Civil Engineering, 1995 BS, Civil Engineering, 1992	Caltrans, CEQA, Transportation planning	20 years	Transportation
Daleingrid Domingo	BS, Civil Engineering, 2011	Transportation planning	4 years	Transportation
Robert Hananouchi	BS, City and Regional Planning, 2009	Traffic operations and impact analysis	2 years	Transportation
Ronald Milam	BS, Environmental Policy Analysis and Planning	Travel demand modeling, traffic operations analysis, transportation impact studies	20 years	Transportation
Kyle Shipley	BS, Landscape Architecture, 2010	GIS, Data visualization	5 years	Transportation
JoLynn Souto	BS, Accounting, 1993	Administrative and accounting support	12 years	Transportation
Lindsay Soza		Accounting support	10 years	Transportation

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3 **6.1.3.6 AECOM**

Name	Education	Expertise	Experience	Project Role
Nasrin Behmanesh	PhD/Chemical Engineering/1990/University of California, Los Angeles MS/Chemical Engineering/1987/University of California, Los Angeles	Air quality and greenhouse gases	21 years	Senior Air Quality Engineer
Patti Boundy	BA/English/1984/University of the Pacific, Stockton 2007/URS Certified Project Administrator	Project/contract administration	8 years	Project Controls Specialist
Tiffany Carrasco-Cabana	BA/Geography/2006/California State University, Sacramento	Computer mapping and graphics production	6 years	GIS Specialist
Tin Cheung	BA/UC Santa Barbara/1993/Geography and Environmental Studies	Air quality and greenhouse gases	22 years	Senior Environmental Scientist
David Joe	MS/Civil and Environmental Engineering/2013/University of California at Davis BS/Civil and Environmental Engineering/2009/University of California at Davis	Air quality and greenhouse gases	2 years	Air Quality Engineer
Jay Kamine	BS/Chemical and Civil Engineering/1982/University California Davis	Environmental and civil engineering planning and compliance	30 years	Senior Civil Engineer

Name	Education	Expertise	Experience	Project Role
Janis Offerman	MA/Anthropology/1981/ University of California, Davis BA/Anthropology/1977/Sonoma State College, CA	Cultural resources management	37 years	Senior Cultural Resources Specialist
Molly Owens	BA/Environmental Studies/1996/ California State University, Sacramento 2006/URS Certified Project Manager	Project/contract administration	15 years	Project Controls Specialist
Chandra Purmasetty	MS/2001/Environmental Studies/Lamar University, Beaumont, Texas MS/1998/Environmental Sciences/Nagarjuna University, Guntur, Andhra Pradesh, India BS/1996/Microbiology/Osmania University, Hyderabad, Andhra Pradesh, India	Emissions Inventories Fugitive Dust Monitoring	10 years	Staff Scientist
David Weaver	PhD/Chemical Engineering/2005/Stanford University MS/Chemical Engineering/2002/Stanford University BS/Chemical Engineering, Minor in Economics/1999/Massachusetts Institute of Technology	Air quality and greenhouse gases	8 years	Air quality and greenhouse gas specialist

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1 6.2 Preparers by Resource

Project Management Team

Steve Centerwall
Gregg Roy
Adam Smith
Teresa Chan
Emily Setzer

Water Supply

Gwendolyn Buchholz
Harry Ohlendorf
Christine Arenal
Rosemarie Dimacali
Chandra Chilmakuri

Surface Water

Gwendolyn Buchholz
Harry Ohlendorf
Christine Arenal
Rosemarie Dimacali
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Groundwater

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