Chapter 11
List of Preparers

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<td>2</td>
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<td>WaterWise Consulting</td>
<td>11-15</td>
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Bay Delta Conservation Plan
Public Draft
November 2013
ICF 00343.12
11.1 Project Management Team (2006–2010)

Karen Scarborough, Chair, California Natural Resources Agency
Jerry Johns, California Department of Water Resources
Ron Milligan, U.S. Bureau of Reclamation
Laura King Moon, State Water Contractors
Karla Nemeth, California Natural Resources Agency

11.2 Project Management Team (2011–2013)

Jerry Meral, Chair, California Natural Resources Agency
Mark Cowin, California Department of Water Resources
Dale Hoffman-Floerke, California Department of Water Resources
Paul Helliker, California Department of Water Resources
Laura King Moon, California Department of Water Resources
Karla Nemeth, California Natural Resources Agency
Carl Wilcox, California Department of Fish and Wildlife
Cathy Crothers, California Department of Water Resources
Marc Ebbin, Ebbin, Moser + Skaggs

11.3 State and Federal Water Contractors

Steven Arakawa, Metropolitan Water District of Southern California
Ara Azhderian, San Luis & Delta Mendota Water Agency
Judy Bendix, Bendix Associates
Frances Brewster, Santa Clara Valley Water District
Cindy Kao, Santa Clara Valley Water District
Joan Maher, Santa Clara Valley Water District
Roger Patterson, Metropolitan Water District of Southern California
List of Preparers

1. Jason Peltier, Westlands Water District
2. Becky Sheehan, Metropolitan Water District of Southern California
3. Laura Simonek, Metropolitan Water District of Southern California
4. Brent Walthall, Kern County Water Agency

11.4  California Department of Water Resources

11.4.1  Technical Staff

- Maninder Bahia
- Jessica Barnes
- Gina Benigno
- Mike Bradbury
- Delores Brown
- Kevin Clark
- Nicole Darby
- Al Davis
- Carol DiGiorgio
- Gordon Enas
- Cliff Feldheim
- Bill Harrell
- Paul Helliker
- Dale Hoffman-Floerke
- Gardner Jones
- Kathy Kelly
- Joy Khamphanh
- Marianne Kirkland
- John Leahigh
- Paul Marshall
- Zoltan Matica
- Dennis McEwan
11.5 Consultant Team

11.5.1 ICF International

11.5.1.1 Consultant Team Management

David Zippin, Program Manager
Chris Earle, Project Manager (all other chapters)
Jennifer Pierre, Project Manager (Chapter 5)
Rebecca Sloan, other chapters coordinator
Nicole Williams, effects analysis coordinator
11.5.1.2 **Technical Staff**

1. Kasey Allen, GIS
2. Bill Baber, terrestrial biology
3. Alan Barnard, graphic design
4. Deborah Bartley, editing
5. Paola Bernazzani, habitat conservation
6. Ellen Berryman, wildlife biology, terrestrial resources lead
7. Gregory Blair, fish biology
8. Erika Britney, Endangered Species Act compliance
9. Richard Brody, regulatory analysis
10. Russell Brown, hydrology
11. Daniel Cardoza, regulatory compliance
12. Eric Christensen, wildlife biology
13. Laura Cooper, editing, document management
14. Patrick Crain, fish biology, floodplain restoration
15. Terah Donovan, Endangered Species Act compliance
16. Eric Doyle, fish biology
17. John Durnan, graphic design
18. Christopher Earle, ecology, conservation strategy lead
19. Lesa Ercius, effects analysis coordinator
20. Rachel Gardiner, wildlife biology
21. Teresa Giffen, figures coordination
22. Larry Goral, technical writing
23. Gregory Green, wildlife biology
24. Marin Greenwood, fish biology
25. Erin Healy, contaminants
26. Jonathan Hecht, economic cost-benefit analysis lead
27. Rachel Henry, biology
28. Carol-Anne Hicks, document production
29. Aaron Holmes, ornithology
List of Preparers

1. John Howe, wildlife biology
2. Deborah Jew, document production
3. Todd Jones, wildlife biology, GIS
4. Alexis Kessans, regulatory compliance
5. William Kohn, wildlife biology
6. Stephanie Lawrence, economic cost-benefit analysis
7. Leo Lentsch, adaptive management and monitoring
8. Eric Link, GIS
9. Wendy Luce, environmental chemistry, transport of toxics
10. Victoria Luiting, technical coordination
11. Kimberley Marcotte, agency comment and response management, project coordination
12. Christine Martin, GIS
13. Chip McConnaha, fish biology, habitat restoration
14. Elizabeth McCullough, plan funding
15. Michael McNabb, fish biometrics modeling
16. Bill Mitchell, Yolo Bypass restoration
17. Timothy Messick, graphic design
18. Daniel Moreno, GIS
19. Alex Moscoso, economic cost-benefit analysis
20. Erin Pace, technical/figure coordination
21. Bill Parker, GIS
22. Ryan Patterson, document production
23. Rori Perkins, GIS
24. Sarah Perrin, wildlife biology
25. Jennifer Pierre, effects analysis lead
26. Robert Preston, botany
27. Daniel Schiff, GIS
28. Kristen Schlech, biology
29. Kerry Schlichting, plan funding
30. Paul Shigley, editing
1. List of Preparers

1. Logan Sholar, GIS
2. Rebecca Sloan, botany, conservation strategy coordinator
3. Chris Soncarty, fish biology, aquatic biological goals and objectives
4. Bob Sullivan, fish biology
5. Elizabeth Strange, climate change, foodweb, species accounts
6. Darle Tilly, editing
7. Silas Toms, GIS
8. Terry Unger, plan funding
9. Erica Villing, GIS
10. Jenna Wallis, ecosystem effects
11. Margaret Widdowson, aquatic plants
12. Richard Wilder, aquatic resources
13. Margaret Williams, economic cost-benefit analysis
14. Nicole Williams, climate change
15. Barbara Wolf, editing
16. Andrew Wones, fish biology
17. Matthew Yelin, data specialist
18. David Zippin, Endangered Species Act and Natural Community Conservation Planning Act compliance lead

11.5.2 The Brattle Group

19. David Sunding, economics lead, seismic, regulatory certainty
20. Steven Buck, economics
21. Dina Gorenshteyn, economics, habitat restoration, water price and consumption, seismic, regulatory certainty
22. Armando Levy, economics, habitat restoration
23. Vaughn Quoss, economics, GIS
24. Isaac Toussie, economics, water price and consumption
25. Michelle Tran, economics, water quality, agricultural water reliability

11.5.3 Canyon Creek Consulting

26. Jay Brueggeman, marine mammals
11.5.4 Cardno ENTRIX

Tim Abbe, hydrogeomorphology, stream restoration
Michael Aceituno, fisheries, aquatic ecology
Carlos Alvarado, wildlife ecology
Sam Bacchini, terrestrial ecology, birds, herps, permitting
Jean Baldridge, fisheries, aquatic science, estuaries, water quality
Kyle Brakensiek, fisheries, data analysis
Susan Burke, economics
Karen Butler, word processing/editing/production
Beth Cody, project management and contracting
Celeste Cooper, word processing/editing/production
Tom DeGabriele, fisheries, aquatic ecology, data analysis
Paula DeMichele, word processing/editing/production
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Lee Elder, word processing/editing/production
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Emily Floyd, fisheries, aquatic ecology, estuaries, toxics
Cody Graf, economics
Eric Harlow, fisheries, aquatic science
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Susan Hootkins, MUP, regulatory compliance
Mark Horne, NEPA/CEQA, water resources, watershed planning
Daniel Huang, aquatic ecologist, fisheries, water quality
Richard Johnson, fisheries
Lauren Klimetz, data analysis, physical modeling
Tamara Klug, wetlands, monitoring, terrestrial ecology
Melissa Klungle, fisheries, aquatic ecology
Anthony Knaapen, fisheries, aquatic ecology
Chad Krofta, fluvial engineering
Neil Lassettre, hydrogeomorphology, aquatic ecology, stream restoration
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<tr>
<th></th>
<th>Name</th>
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<tbody>
<tr>
<td>1</td>
<td>May Lau</td>
<td>Wildlife and aquatic ecologist</td>
</tr>
<tr>
<td>2</td>
<td>Gretchen Lebednik</td>
<td>Wetlands, Plant biology</td>
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<td>3</td>
<td>Virginia Mahacek</td>
<td>Hydrogeomorphology, Stream restoration</td>
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<td>4</td>
<td>Amy Mai</td>
<td>Fisheries, Aquatic ecology, Estuaries, Rivers</td>
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<tr>
<td>5</td>
<td>Joel Mulder</td>
<td>Wildlife ecologist</td>
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<td>6</td>
<td>Leaha Murphy</td>
<td>Word processing/editing/production</td>
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<td>7</td>
<td>Jessica Nadolski</td>
<td>Wildlife ecologist</td>
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<td>Kevin O’Dea</td>
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<td>Ramona O’Halloran-Swenson</td>
<td>Fisheries, Aquatic ecology, Estuaries, Adaptive Management</td>
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<td>Duane Paul</td>
<td>Economics</td>
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<td>Steve Pavich</td>
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<td>Amy Poopatanapong</td>
<td>Ecologist, Monitoring, Birds</td>
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<td>Steve Ralph</td>
<td>Fisheries, Aquatic ecology</td>
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<td>14</td>
<td>Laura Riege</td>
<td>Aquatic Ecology, Estuaries, Experimental Design, Contaminants</td>
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<td>Teal Riege</td>
<td>Field Ecologist</td>
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<td>16</td>
<td>Andrew Simon</td>
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<td>Robert Stoddard</td>
<td>Fisheries, Aquatic Ecology, Rivers, Lakes, Water Quality</td>
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<td>Thomas Taylor</td>
<td>Fisheries, Aquatic Ecology, Estuaries, Rivers</td>
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<td>22</td>
<td>Rosemary Thompson</td>
<td>Aquatic and Terrestrial Ecology, Monitoring</td>
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<td>23</td>
<td>Robert Thomson</td>
<td>Hydrology, Water Quality, Limnology</td>
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<td>24</td>
<td>Curtis Weeks</td>
<td>Water Quality, Estuaries</td>
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<td>25</td>
<td>Rick Williams</td>
<td>Terrestrial Ecology, Birds</td>
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<td>Larry Wise</td>
<td>Fisheries, Aquatic Ecology, Estuaries</td>
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<td>Paul Wisheropp</td>
<td>Hydrology, Fluvial Engineering, Water Quality</td>
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<td>Robert Wurgler</td>
<td>Project Management</td>
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<td>29</td>
<td>Barbara Wyse</td>
<td>Economics</td>
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</table>
11.5.5  CBEC

Chris Bowles, hydraulics, hydrology, sediment transport, numerical modeling, geomorphology
Chris Campbell, hydraulics, hydrology, sediment transport, numerical modeling, geomorphology, GIS
Christopher Hammersmark, geomorphology, hydraulics, hydrology, numerical modeling
April Sawyer, hydraulics, aquatic ecology, numerical modeling, GIS
John Stofieth, hydraulics, hydrology, sediment transport, numerical modeling, geomorphology, GIS

11.5.6  CH2M HILL

Lucas Bair, natural resource and environmental economics
Gwen Buchholz, environmental engineering
Rajat Chakraborti, hydrology and hydrodynamics
Chandra Chilmakuri, hydrology and hydrodynamics
Tapash Das, climate variability and change, basin scale hydrological modeling and analysis, sustainable water resources planning and management
Rosemarie Dimacali, hydrodynamic modeling
Carroll Gloria, administration
Rebecca Fugate, administration
Pam Goulart, administration
Stephen Hatchett, natural resource and environmental economics
Connie Hathaway, administration
Jagjit Kaur, hydrology and hydrodynamics
Robert Leaf, water resources modeling
Duncan MacEwan, natural resources economics
Chakradhar Goud Malakpet, hydrology and hydrodynamics
Armin Munévar, lead hydrology and hydrodynamics
Sirisha Nemani, hydrology and hydrodynamics
Pam Newsome, administration
Jessica Prince, hydrology and hydrodynamics
Marcelo Reginato, hydrology and hydrodynamics
Janet Rheem, administration
Ashraf Shaqadan, hydrology and hydrodynamics
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Paula Silva, hydrology and hydrodynamics
Amy Stapley, Administration
Derya Sumer, hydrology and hydrodynamics
Giuseppe Tomasino, civil engineering
Lee Traynham, hydrology and hydrodynamics
Kyle Winslow, hydrology and hydrodynamics

11.5.7 Conservation Biology Institute
Wayne Spencer, Independent Science Input Facilitation

11.5.8 Cramer Fish Sciences
Paul Bergman, modeling and analysis
Anna Brodsky, data presentation
Bradley Cavallo, technical expert
Steven Cramer, modeling and analysis
Phil Gaskill, technical writing
Kay Holzweissign, library research
Jenny Melgo, processing flow data
Kirsten Sellheim, fish biology
Steve Zeug, modeling and analysis

11.5.9 Ducks Unlimited
Jeffrey McCreary, strategy analysis and mitigation
Mark Petrie, TrueMet modeling, impact analysis and mitigation
Kevin Petrik, GIS, TrueMet Model
Aaron Will, project management, waterfowl biology

11.5.10 Ebbin, Moser + Skaggs
Marc Ebbin, lead outside counsel, strategy, document architecture, adaptive management, assurances, legal review, QA/QC review of all chapters, lead author of Implementation Structure chapter and Implementing Agreement
Sean Skaggs, governance, legal review, implementing agreement
11.5.11 Economic Insights

Wendy Illingworth, economics

11.5.12 ESA PWA

Elizabeth Andrews, floodplain restoration feasibility
Ann Borgono, economics, wetland restoration feasibility
Matthew Brennan, wetland restoration feasibility
Stephen Crooks, wetland restoration feasibility
Eddie Divita, wetland restoration feasibility
Eric Ginney, south Delta habitat and flood planning/floodplain restoration feasibility
Christian Nilsen, floodplain restoration feasibility
Jessica Olson, wetland restoration feasibility
Michelle Orr, wetland restoration feasibility
Minta Schaefer, floodplain restoration feasibility
Lindsey Sheehan, wetland restoration feasibility
Christina Toms, wetland restoration feasibility
Elena Vandebroek, wetland restoration feasibility
Louis White, Economics, wetland restoration feasibility

11.5.13 ESSA Technologies, LTD

Clint Alexander, ecological modeling flows tool

11.5.14 The Essex Partnership

Jim Anderson, fisheries
Karen Biastre, administration
Bruce DiGennaro, facilitation
Ron Kneib, aquatic ecology
Jonathan Petrillo, restoration ecology
Denise Reed, coastal geomorphology
Kenny Rose, fish population modeling
11.5.15 Estep Environmental Consulting
James Estep, Lead Wildlife Ecology

11.5.16 Glibert, Patricia
Patricia Glibert, aquatic nutrients and foodweb

11.5.17 Hallmark Group
Chuck Gardner, project management
Karen Moon, contract management

11.5.18 Hansen, Eric
Eric Hansen, wildlife ecology

11.5.19 Hanson Environmental
Danielle Favella, fisheries biology
Charles Hanson, lead fisheries ecology
Sandra Hanson, fisheries biology
Traci Linder, fisheries ecology
Toni Sanders, fisheries biology
Natalie Stauffer, fisheries ecology

11.5.20 International Crane Foundation
Gary Ivey, wildlife ecology

11.5.21 Michael MacWilliams
Edward Gross, (subcontractor to Michael MacWilliams), hydrology and hydrodynamics
Michael MacWilliams, hydrology and hydrodynamics

11.5.22 M. Cubed
David Mitchell, economics

11.5.23 R2 Resource Consultants, Inc.
Robert Lessard, fisheries ecology (subcontractor to R2)
Albert Noble Hendrix, fisheries ecology
11.5.24 Resource Management Associates

Mark Ackerman, numerical model integration software

Steven Andrews, surface water flow, water quality, sediment transport, and particle simulation
modeling

Ben Chacon, computational fluid mechanics

Sherry Dahlquist, contract administration, document preparation

John DeGeorge, technical lead, multidimensional models for surface water systems, RMA Bay/Delta
Model application

Joshua DeGeorge, computer systems administration

Rami Gasim, computer systems administration

Stacie Grinbergs, tidal marsh restoration, surface water flow, water quality, sediment transport, and
particle simulation modeling (RMA Bay Delta Model)

Edward Gross, surface water flow, water quality, sediment transport, and particle simulation
modeling

Marianne Guerin, surface water flow, water quality including nutrients and temperature, sediment
transport, and particle simulation (RMA Delta model, DSM2 HYDRO, QUAL, and PTM)

Shannon Larson, data management, numerical model testing and QA/QC

Peter Morris, model testing and QA/QC

Shannon Newbold, GIS mapping

Richard Rachiele, surface water flow, water quality, sediment transport, and particle simulation
modeling, RMA Bay Delta Model

Ryan Ripken, database systems

Donald Smith, river-reservoir, water quality, and temperature modeling

11.5.25 QEDA

Albert Noble Hendrix, fisheries ecology

11.5.26 Science Applications International Corporation

Paul Cylender, project management

Jean-Luc Cartron, wildlife ecology

Joel Degner, data analysis and GIS

John DeMartino, GIS

Kim Duvall, editing, document production
List of Preparers

1. Vanessa Emerzian, coordination
2. Anthony Finley, editing, document production
3. Catherine Fitzgerald, graphic arts
4. Victoria Frank, data analysis and data validation
5. Juan Pablo Galvan, terrestrial ecology
6. John Gerlach, lead botany and vegetation
7. Catrina Gomez, terrestrial ecology
8. Sharon Goodhart, project control
9. Chadi Groome, project coordination
10. Daniel Heilprin, fisheries ecologist
11. Jon Hilliard, environmental planning
12. Monica Hood, covered activities
13. Christopher Hunt, fisheries ecology
14. Andrew Knaack, project control
15. Stephan Kohlmann, terrestrial ecology
16. Claudia Laughlin, graphic design
17. Jamie Leiendecker, applied geospatial science
18. Christopher McColl, data management and GIS
19. Thomas Mulroy, botany
20. Trevor Pattison, terrestrial ecology
21. Ellen Rager, document production manager
22. Pete Rawlings, natural communities and terrestrial resources
23. Trina Smith, administration
24. Monica Stillman, restoration ecology
25. Bernice Tennenbaum, wildlife biology and marine mammals
26. Aaron Tibbs, administration
27. Gregory Wadsworth, document production
28. Laurel Widman, graphic arts
29. Richard Willich, aquatic resources and project management
30. Joe Willich, project management
1 Holly Wilson, project and meeting coordination
2 Chris Woods, GIS

3 **11.5.27 SWALE Inc.**
4 Kateri Harrison, independent science input facilitation

5 **11.5.28 WaterWise Consulting**
6 Sophia Unger, fisheries ecology