

NAPA COUNTY BASELINE DATA REPORT

CHAPTER 19 REPORT PREPARATION

PREPARED FOR:

NAPA COUNTY CONSERVATION,
DEVELOPMENT, AND
PLANNING DEPARTMENT
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HILLSIDE VINEYARDS IN NAPA COUNTY

PREPARED BY:

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NAPA COUNTY BASELINE DATA REPORT
REPORT PREPARATION

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INTRODUCTION

The Napa County Baseline Data Report (BDR) was prepared for the Napa County Conservation, Development and Planning Department by a joint venture of Jones & Stokes and EDAW. This chapter of the BDR details the firms, agencies, and individuals involved in the preparation of the BDR.

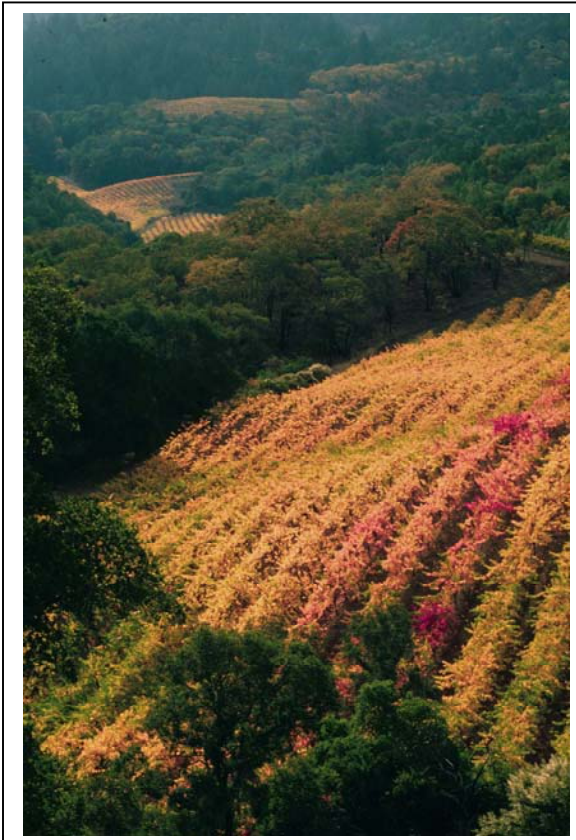
NAPA COUNTY

BOARD OF SUPERVISORS

- Brad Wagenknecht—District 1
- Mark Luce—District 2
- Diane Dillon (Chair)—District 3
- Bill Dodd—District 4
- Harold Moskowitz—District 5
- Mike Rippey—(1993–2004)
- Nancy Watt, County Executive Officer

WATERSHED INFORMATION CENTER & CONSERVANCY (WICC) BOARD OF DIRECTORS

- | | |
|----------------------------|------------------------------|
| ■ Charles Slutzkin (Chair) | ■ Jeff Reichel |
| ■ Phillip Blake | ■ Robert Steinhauer |
| ■ Richard Camera | ■ Mark Van Gorder |
| ■ Kate Dargan | ■ Al Buckland (2002–2004) |
| ■ Dianne Dillon | ■ David Crawford (2003–2004) |
| ■ Donald Gasser | ■ Eric Knight (2004–2005) |
| ■ David Graves | ■ Carol Kunze (2002–2005) |
| ■ Mark Luce | ■ Mike Rippey (2002–2003) |
| ■ Lori Luporini | ■ Jake Ruygt (2002–2004) |
| ■ Marc Pandone | ■ Bonnie Schoch (2003–2004) |
| ■ Jeffrey Redding | ■ Tom Shelton (2002–2005) |



OVERALL REPORT PREPARATION

NAPA COUNTY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

1195 Third Street, Suite 210
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707/253-4417

- Hillary Gitelman, Director, Conservation, Development and Planning Department
- Charley Wilson, Past Director (retired 2004), Conservation, Development and Planning Department
- Patrick Lowe, Deputy Director, Project Manager, Overall project oversight
- Jeff Sharp, Planner/Watershed Coordinator, Report review and coordination
- Will Selleck, Supervising Planner (retired 2005), Report scoping and technical review
- Lynsey Wickman-Kelly, GIS Specialist, Map and database review
- Jeff Tangen, Graphics Specialist, Graphics support
- Laura Anderson, Attorney, County Counsel's Office, Report review
- Austin McInerney, AICP, Management Consultant, Technical review coordination

JONES & STOKES

268 Grand Avenue
Oakland, CA. 94610
510/433-8962

- Ken Schwarz, Project Manager and Technical Oversight
- Patty Cook, Consultant Team Joint-Venture Manager, Public scoping
- Catherine Rudiger, Project Coordinator, Lead technical editor
- Kaylene Keller, GIS Coordinator, GIS mapping and analysis

- Diana Roberts, Technical Editor
- Heidi Lypps, Publications Specialist
- Carol-Anne Hicks, Publications Specialist
- Susan Davis, Web and CD coordination

EDAW, INC.

150 Chestnut St.
San Francisco, CA 94111
415.433.1484

- David Blau, Project Director, Consultant Team Joint-Venture Manager
- Megan Gosch, GIS Project Manager, Project Coordinator, Agency and GIS coordination
- Mary Laux, Deputy Project Coordinator
- Lisa Laxamana, Word Processor, Report formatting and coordination

INDIVIDUAL CHAPTER PREPARATION

CHAPTER 1 – GEOLOGICAL RESOURCES

MILLER PACIFIC ENGINEERING GROUP

- Scott Stephens, P.E.
- Michael Dwyer, C.E.G.
- Laura Samarad, R.G.

JONES & STOKES

- Ken Schwarz, Technical lead

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

- George J. Saucedo, Department of Conservation, California Geological Survey

- Russell W. Graymer, U.S. Geological Survey
- Dean Enderlin, Consulting Geologist

CHAPTER 2 – MINERAL AND ROCK RESOURCES

MILLER PACIFIC ENGINEERING GROUP

- Scott Stephens, P.E.
- Michael Dwyer, C.E.G.
- Laura Samarad, R.G.

JONES & STOKES

- Ken Schwarz, Technical lead

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

- George J. Saucedo, California Department of Conservation
- Dean Enderlin, Consulting Geologist

CHAPTER 3 – AIR QUALITY AND CLIMATE

JONES & STOKES

- Shannon Hatcher, Air Quality Specialist, Technical lead air quality
- Kaylene Keller, GIS mapping

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

- Paul Skinner, Ph.D., Terra Spase, Inc.
- Henry Hillken, Bay Area Air Quality Management District

CHAPTER 4 – BIOLOGICAL RESOURCES

JONES & STOKES

- David Zippin, Senior Ecologist, Report preparation management, technical oversight and review
- Joel Gerwein, Botanist, Special-status plants identification, vegetation discussion preparation
- Ed West, Wildlife Biologist, Special-status animal identification, wildlife discussions preparation, wildlife movement analysis
- Matthew Jones, Fisheries Biologist, Special-status fish identification, fish habitat and movement discussion preparation
- Donna Maniscalco, Fisheries Biologist, Special-status fish identification, fish habitat and movement discussion preparation
- Brook Vinnedge, Wildlife Biologist

EDAW, INC.

- Richard Nichols, Senior Botanist, Special-status plant identification, vernal pool fieldwork

NAPA COUNTY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

- Carly Aubrey, Environmental Planner, Report review

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

CALIFORNIA DEPARTMENT OF FISH AND GAME

- Gordon Gould, Wildlife Biologist, Occurrences and status of Northern spotted owl
- Todd Keeler-Wolf, Plant Ecologist, Vegetation mapping associated with the ICE Map

NAPA COUNTY RESOURCE CONSERVATION DISTRICT

- Dave Steiner, Senior Soil Conservationist, Vineyard characteristics
- Jonathan Koehler, Fisheries Biologist, Special-status fish list and discussion review

INDEPENDENT EXPERTS

- Gilbert Muth, Emeritus Professor of Biology, Pacific Union College, Napa County Flora project
- Jake Ruygt, Botanist, Special-status plant list, habitat associations, biotic community discussions review

OTHERS

- Mark Littlefield, U.S. Fish and Wildlife Service, Fisheries Biologist, Special-status fish
- Gary Stern, NOAA's National Marine Fisheries Services, Special-status fish list and discussion review
- Jeff Kennedy, Information Center for the Environment at UCD, Vegetation Ecologist, Vegetation mapping associated with the ICE Map
- Patricia Winters, California Bat Conservation Fund, Bat Biologist, Bat distribution and ecology
- Joe Callizo, The Land Trust of Napa County, Preserve Manager, Special-status plant list, habitat associations, biotic community discussions review
- Richard Arnold, Entomological Consulting Services, Principal, Invertebrate occurrences in Napa County

CHAPTER 5 – ENERGY

EDAW, INC.

- Rowan Roderick-Jones, Environmental Analyst, Research, data analysis, and report writing
- Kerry McWalter, Ecological Engineer, Research, data analysis, and report writing

NAPA COUNTY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

- Steve Lederer, Deputy Director, Planning Division, report review

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

CALIFORNIA ENERGY COMMISSION

- Andrea Gough, Energy Specialist, Electricity and natural gas data

- Jackie Gilbreth, Research Analyst (GIS), Transmission and pipeline maps
- Mitch Tian, Commission Specialist I, Peak demand forecasts
- Tony Brasio, Emerging Renewables Program, Customer Account Supervisor, Solar energy information

PACIFIC GAS & ELECTRIC CO. (PG&E)

- Mark Esguerra, Supervising Engineer, Electricity transmission data
- Rick Brown, Manager of Transmission System Planning, Natural gas transmission data
- Marco Rios, Transmission Planner, General transmission information
- Sara Birmingham, Manager, Self-Generation Incentive Program, Solar Power Production

OTHERS

- Shar Maglione, Napa Sanitation District, Wastewater Treatment Plant Manager, Souscol WWTP power plant data
- Mahmoud Mahdavi, Caltrans, Office of Transportation Economics, Senior Economist, Gasoline and diesel consumption per county
- Matthew Culligan, Powerlight Corporation, Inc., Analyst, Solar energy information

CHAPTER 6 – NOISE

JONES & STOKES

- Shannon Hatcher, Noise Specialist, Technical lead
- Dave Buehler, Noise Specialist, Technical review

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

- Doris Crawford, City of Napa Police Department, Office Assistant
- Lance Heide, Napa County Public Works Department, Operations and Roads Superintendent
- Lisa Claudino, Napa County Sheriff's Department, Supervisor

- Lynn Swanson, St. Helena Police Department, Records Supervisor
- Mike Sheppard, Napa County Public Works Department, Staff Member

CHAPTER 7 – PUBLIC HEALTH AND SAFETY

EDAW, INC.

- Rowan Roderick-Jones, Environmental Planner, Research, data analysis, and report writing
- Kerry McWalter, Environmental Engineer, Research, data analysis, and report writing

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

MEDICAL RECORDS

- Bill Robblee, Napa Solano Headstart Program, Operations Manager
- Mary Renz, Napa County Health and Human Services, R.N
- Kathy Philipe, Napa County Health and Human Services, Maternity and Birth
- Judy Rilly, Napa County Health and Human Services, Death
- Ed Weber, UC Cooperative, Napa County Extension, County Director

HAZARDOUS AND CONTAMINATED SITES

- Sean Flynn, EDR Inc., Northern California Representative, Hazardous Materials Spills
- Chris Willet, EDR Inc., Hazardous Materials Spills
- Bruce Burton, Department of Health Services District 18, District Engineer, Mendocino District
- Roger Brewer, San Francisco Regional Water Quality Control Board
- Maty Rose Casa, San Francisco Regional Water Quality Control Board
- Bill Rowser, in charge of the HazFac database for Napa County
- Joel Coffman, Napa County Department of Environmental Management, Professional Geologist (P.G.)

EARTHQUAKE AND SEISMICITY

- Jane Taylor, Building Standards Commission, Associate Architect

FIRE HAZARD SEVERITY, CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION

- Kate Dargan, CDF/Napa County Fire Marshal
- Mike Wilson, CDF/Napa County Assistant Fire Marshal
- Dave Sapsis, CDF Fire Scientist

CRIME/ACCIDENT REPORTS

- Emelda Preciado, Police Records Supervisor, Napa Police Department
- Lisa Claudino, Napa County Sheriffs, Records
- Lynn Swanson, St. Helena Police Department
- Robert Wedell, St. Helena Police Chief
- Teresa Coppock, Calistoga Police Department, Records
- Roberta Tanger, California Highway Patrol, Information Services

FLOOD HAZARDS

- Jon Lander, Principal Engineer (retired 2005), Napa County Flood Control and Water Conservation District

CHAPTER 8 – POPULATION AND HOUSING

EDAW, INC.

- Sierra Russell, Research, data analysis, and report writing
- Adena Friedman, Research, data analysis, and report writing

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

NAPA COUNTY

- Howard Siegel, Community Partnership Manager, Housing Element and demographics information for unincorporated areas
- Bruce Wilson, Regional Analyst, Demographics information for unincorporated areas

OTHERS

- Lynn Goldberg, City of American Canyon Planning Department, Associate Planner, Housing opportunity sites information

CHAPTER 9 – LAND USE

EDAW, INC.

- Adena Friedman, Research, Data analysis and report writing
- Sierra Russell, Research, Data analysis, and report writing

NAPA COUNTY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

- Steve Lederer, Deputy Director, Planning Division, report review
- Brian Bordona, Supervising Planner, Conservation Division, report review
- Carly Aubrey, Environmental Planner, report review
- John McDowell, Program Manager, Land Use/Transportation, report review
- Barbara Abate, Land Use Planner, report review

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

NAPA COUNTY

- Howard Siegel, Community Partnership Manager

OTHERS

- Phillip Blake, Natural Resources Conservation Service, District Conservationist
- David Steiner, Senior Soil Conservationist
- Lynn Goldberg, City of American Canyon Planning Department, Associate Planner
- Vickie Kemerrer, Napa County Agricultural Commissioner's Office, Napa County Deputy Agricultural Commissioner
- Carole Poole, St. Helena Planning Department, Planning Director
- Bob Tiernan, Town of Yountville Planning Department, Planning Director
- Daniel Schwarz, Napa County Local Agency Formation Commission, Planner

CHAPTER 10 – AGRICULTURAL RESOURCES

EDAW, INC.

- Mary Laux, Research, data analysis and report writing
- Dan Ficker, GIS mapping and analysis

NAPA COUNTY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

- Steve Lederer, Deputy Director, Planning Division, report review
- Brian Bordona, Supervising Planner, Conservation Division, report review
- Carly Aubrey, Environmental Planner, Conservation Division, report review

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

NAPA COUNTY AGRICULTURAL COMMISSIONER'S OFFICE

- Dave Whitmer, Agricultural Commissioner
- Greg Clark, Assistant Agricultural Commissioner

- Vicky Kemmerer, Deputy Agricultural Commissioner

- Joel King, Agricultural Biologist

THE LAND TRUST OF NAPA COUNTY

- Vanessa Johnson, Land Protection Coordinator

- Tom Faragher, Administrative Director

NAPA COUNTY RESOURCE CONSERVATION DISTRICT

- David Steiner, Senior Soil Conservationist

NATURAL RESOURCES CONSERVATION SERVICE

- Phillip Blake, District Conservationist

UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION

- Morgan P. Doran, Livestock & Natural Resources Advisor

CHAPTER 11 – TRANSPORTATION

FEHR & PEERS

- Matthew Ridgway, AICP, Principal-in-Charge

- Chris Mitchell, PE, Project Manager

- Lauren Bernheim, Project Engineer

- Matt Haynes, PE, Project Engineer

- Gautam Gupta, Intern

- Scott Dyer, Intern

NAPA COUNTY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

- John McDowell, Program Manager, Land Use/Transportation, report review

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

NAPA COUNTY

- John Ponte, Transportation Planning Agency

- Lance Heide (retired 2005), Public Works Department Operations and Roads Superintendent

- Mike Sheppard, Public Works Department, Road Maintenance Yards

OTHERS

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- City of Saint Helena

- City of Calistoga

- City of American Canyon

- Eduardo Serafin, PE, AICP, City of Napa

- Rick Navarro, City of Napa

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EDAW, INC.

- Megan Gosch, Senior Associate, Report writing, agency and GIS coordination

- Joshua Hohn, Environmental Planner, Research and report writing

- Peter Jonas, GIS specialist, GIS mapping and analysis

NAPA COUNTY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

- Sean Trippi, Principle Planner, Report review

CHAPTER 13 – PUBLIC FACILITIES AND SERVICES

EDAW, INC.

- Mary Laux, Research, data analysis, and report writing

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

NAPA COUNTY

- Howard Siegel, Community Partnership Manager
- Daniel Swartz, LAFCO Director
- Don Ridenhour, Assistant District Engineer, Flood Control and Water Conservation District
- Kate Dargan, Fire Marshall, CDF/Napa County Fire Department
- Gabrielle Avina, Assistant Fire Marshall, CDF/Napa County Fire Department
- Marshall Turbeville, CDF/Napa County Fire Department
- Chuck Castellar, Adult Social Services Supervisor, Department of Social Services
- Stacey Drew, Staff Services Analyst, Public Works Department
- Tim Heeley, Senior Engineering Tech, Napa Sanitation District
- Larry Hoffman, Manager, Napa River Reclamation District #2109
- Anna Martinez, Assistant Engineer, Public Works Department.
- Nancy Schulz, Child Welfare Director, Department of Social Service, Child Protective Service

OTHERS

- Jack Alviso, Fire Chief, Napa State Hospital Fire Department
- Steve Anderson, Facilities Director, City of Calistoga Public Works
- Brian Banducci, Lieutenant, Napa County Sheriff's Department
- Brian Barnhardt, Sergeant, California Highway Patrol, Air Operations Unit

- Eileen Bielechi, Supervising Ranger, Napa-Benicia Sector, California State Parks
- Jonathan Bradley, Dispatch Supervisor, Public Safety Department of Angwin and Pacific Union College
- Phil Brun, City of Napa Water Department
- Elaine Bruno, Fiscal Administrative Secretary, Fairfield Suisun School District
- Judy Bryan, Cal-Works Director
- Keith Caldwell, Fire Chief, City of American Canyon
- Steve Campbell, Assistant Fire Chief, Calistoga Fire Department
- Teresa Coppack, Dispatch Supervisor, Calistoga Police Department
- Cheryl Costa, Secretary of Pupil Services, Fairfield-Suisun Unified School District
- Florence Eaton, Principal, Pope Valley School
- Thad Evans, Chief Business Officer, St. Helena Unified School District
- Tom Foley, Wastewater Treatment Plant Supervisor, American Canyon Public Works Department
- Eric Fung, Senior Environmental Health Specialist, Contra Costa County Department of Health
- Barry Gaab, Assistant Fire Chief of Sonoma County CSA # 40
- Corlin Gabriel, Office Administrator, Redwood Empire Air Care Helicopter (REACH)
- Jenny Gomez, Housing Programs Coordinator, Housing Authority of the City of Napa
- Dan Hegar, Firefighter, Napa State Hospital Fire Department
- Mary Holestine, Assistant Engineer, American Canyon Public Works
- Grace Kearns, Superintendent's Secretary, Calistoga Joint Unified School District
- Gary Kraus, Fire Chief, Calistoga Fire Department
- Meghan Maloney Jr., Engineer, City of St. Helena Department of Public Works

- Jody McClafferty, District Executive Secretary, Howell Mountain Elementary School District
- Alfiedo Montez,, Administrative Sergeant, California Highway Patrol (CHP)
- Amanda Mora, Associate Civil Engineer, City of American Canyon Public Works
- Andrew Morris, District Manager, Napa Valley Garbage Service
- Mike Mulas, Captain, Schell-Vista Fire Protection District
- Noel Ojeda, CEO, Angwin Community Ambulance
- Jill Pahl, Manager, Upper Valley Waster Management Agency
- Lynda Piscia, Administrative Assistant, Department of Business Services, Napa Valley Unified School District
- Steve Potter, Commander, City of Napa Police Department
- Julie Pierce, Secretary Treasurer, Circle Oaks County Water District
- Chris Piper, General Manager, Piner’s Ambulance
- Jerry Rico, Officer, California Highway Patrol
- Theresa Russo, Sonoma County Department of Emergency Services
- Steve Silva, Operator, Spanish Flat Water District
- Keene Simonds, Analyst, LAFCO
- Laura Smith, Administrative Assistant, Winters Joint Unified School District
- Dorothy Streich, Contract Administrator, Congress Valley Water District
- Steve Stuart, Battalion Chief, City of Napa Fire Department
- Lynn Swanson, Records Coordinator, Saint Helena Police Department
- Kevin Twohey, Fire Chief, St. Helena Fire Department
- Darlene Washburn, Eligibility Supervisor, Napa County Department of Social Services

- Robert Wedell, Chief of Police, Saint Helena Police Department

CHAPTER 14 – CULTURAL RESOURCES

JONES & STOKES

- Barbra Siskin, Archaeologist, Cultural and archaeological resources review and investigation
- Madeline Bowen, Historian, Historical resources review and investigation

NAPA COUNTY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

- Trish Hornisher, Planner II, Report review
- Carly Aubrey, Environmental Planner, Report review

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

- Leigh Jordan, Northwest Information Center of the California Historical Resources Information Systems, Director

CHAPTER 15 – SURFACE HYDROLOGY

DHI, INC.

- Carter Borden, Hydrologist, Project manager
- Henrik Sorensen, Hydrologist, Technical expert
- Maria Loinaz, Water Resources Scientist, Surface water modeling
- Jeremy Kobor, Water Resources Scientist, Surface water modeling

JONES & STOKES

- Ken Schwarz, Project Manager, Report oversight
- Michael Stevenson, Regulatory and policy issues

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

NAPA COUNTY

- John Lander (retired 2005), Flood Control, Gauge data and diversion information
- Annamaria Martinez, Public Works Department, Locations of wells
- Christine Sechlei, Environmental Management Department
- John Coolage, Agricultural Commissioner, Vineyard practice information
- Bob Zlomke, Resource Conservation District, District Manager, P.E. Hydrologist, Supplied data and the M11 models
- Paul Blank, Resource Conservation District, Hydrologist, Stream gage information
- David Steiner, Resource Conservation District, Senior Soil Conservationist

OTHERS

- Leigh Sharp, District Development/Stewardship Facilitator, Existing groundwater monitoring data for the Carneros Basin
- Alan Aguilar, California Department of Water Resources, Water use data for Napa County
- Jeff Kapellas, California Regional Water Quality Control Board, GIS coverages of groundwater levels and storage areas in the Milliken, Sarco Tulucay Basin
- Christopher Farrar, U.S. Geological Survey, Information about existing groundwater models for Napa County
- Felix Riesenber, City of Napa Public Works Department Water Division, Information about Lake Hennessey
- Greg Van Trump, Agrilink International, Inc., Stream gauge data
- Josh Anstey, St. Supery's ranch in Pope Valley, Precipitation data for stations in Pope Valley
- Precious People, U.S. Bureau of Reclamation, Lake Berryessa statistics and bathymetry
- Stan Walker, Solano Irrigation District, Hydrologic data for Lake Berryessa
- Lorri Peltz-Lewis, U.S. Bureau of Reclamation, Lake Berryessa bathymetry

- Jonathon Goldman, City of St. Helena, City water use data
- Meghan Maloney, City of St. Helena, City water use data
- Andy Ellicock, State Veterans Home, Rector reservoir data
- Steve Anderson, City of Calistoga, Kimball Reservoir data
- Jude Mallad, City of Vallejo, Lake Curry Data
- Myke Praul, City of Yountville, City water use and Rector Reservoir
- Alan Aguilar, CA Dept. of Water Resources, Water use data for Napa County
- Jean Woods and Kevin Taylor, CA Dept. of Water Resources, GID coverage of water use
- Hans Vidkjer, Terra Spase, Precipitation data
- Steve Mitchell, McLaughlin Mine, Hydrological and water quality data collection at the mine
- Paula Whealen, Wagner & Bonsignore, Water availability studies
- Ken Oster, U.S. Department of Agriculture, Natural Resource Conservation Service, Soil characteristics and oversight
- David Graves, Saintsbury Winery, Technical insight, drain location information, vintner data
- Ed Weber, University of California Davis Extension Office, General rules for vineyard irrigation.

CHAPTER 16 – GROUNDWATER HYDROLOGY

DHI, INC.

- Carter Borden, Hydrologist, Overall project manager
- Jeremy Kobor, Water Resources Scientist, Groundwater modeling
- Quitterie Cotten, Agricultural and Environmental Engineer, Assistant project manager

JONES & STOKES

- Ken Schwarz, Project Manager, Report oversight

- Michael Stevenson, Regulatory and policy Issues

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

NAPA COUNTY

- Annamaria Martinez, Napa County Department of Public Works, Assistant Engineer, Map of well locations in the Milliken, Sarco Tulucay Basin
- Leigh Sharp, Napa County Resource Conservation District, District Development/Stewardship Facilitator, Existing groundwater monitoring data for the Carneros Basin

OTHERS

- Alan Aguilar, California Department of Water Resources, Water use data for Napa County
- Jeff Kapellas, California Regional Water Quality Control Board, GIS coverages of groundwater levels and storage areas in the Milliken, Sarco Tulucay Basin
- Christopher Farrar, U.S. Geological Survey, Existing groundwater models for Napa County

CHAPTER 17 – SURFACE WATER QUALITY

DHI, INC.

- Carter Borden, Hydraulic Engineer, Overall project manager
- Mikkell Andersen, Water Resources and Environmental Engineer, Water quality modeling
- Quitterie Cotten, Agricultural and Environmental Engineer, Assistant project manager
- Søren Tjerry, Hydraulic Engineer and River Morphologist, Sediment transport modeling

JONES & STOKES

- Ken Schwarz, Project manager and technical oversight
- Jill Sunahara, Data collection, processing, and review
- Michael Stevenson, Regulatory issues

NAPA COUNTY CONSERVATION, DEVELOPMENT AND PLANNING DEPARTMENT

- Carly Aubrey, Environmental Planner, Technical report review

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

U.S. DEPT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

- Phill Blake, District Conservationist, Provided information on USLE Parameters

NAPA COUNTY

- Dave Steiner, Senior Soil Conservationist, Resource Conservation District, Provided information on vineyard characteristics and USLE methodology
- Bob Zlomki, Hydrology and Engineering, Resource Conservation District, Provided guidance on key data and modeling issues
- Jonathan Koehler, Fisheries Biologist, Resource Conservation District, Special-status fish list and discussion review
- Christine Sechlei, Napa County Environmental Management Department

INDEPENDENT CONSULTANT

- Martin Trso, Provided information on sediment transport as related to the TMDL report.

CHAPTER 18 – FIRE ECOLOGY

JONES & STOKES

- David Zippin, Ph.D., Senior Ecologist, Report preparation management and review.
- Joel Gerwein, Ph.D., Botanist, Report preparation and analysis.
- Rich Walter, Senior Environmental Scientist, report review.
- Kathryn Gaffney, Environmental Planner, Special-status species literature review.

AGENCIES, FIRMS, AND INDIVIDUALS CONTACTED

ENVIRONMENTAL SCIENCE ASSOCIATES, INC.

- Jon Waggoner, Senior Resource Specialist and Fire Ecologist, Report preparation management, technical oversight, technical review

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION

- Kate Dargan, Napa County Fire Marshall, Helped frame the report structure/purpose, provided information on fire history, fuel management, and reviewed report
- Andrew Stinnet, GIS Analyst, Provided information on fire hazard modeling

OTHERS

- Phillip Blake, U.S. Department of Agriculture, Natural Resources Conservation District, District Conservationist, Fire history and fuel management
- Joe Callizo, The Land Trust of Napa County, Preserve Manager, Provided discussions of fire ecology, guided site visits to burn areas, review of fire ecology
- Don Gasser, PG&E, System Forester (retired), Provided discussions of fuel management and fire ecology
- Scott Butler, Environmental Resources Management, Consultant, Provided discussions of fuel management and fire ecology