



# ***Bole and Associates***

*An Environmental Consulting Firm*

**Phase 1 & Phase 2 Assessments**  
**Cultural Resource Assessments**  
**Wetland Delineations & Permits**

**Biological & Botanical Studies**  
**CEQA/NEPA Initial Studies**  
**Environmental Law**

*BOLE and ASSOCIATES is a professional environmental consulting firm that specializes in property characterization and assessment. Our team of experts pioneered the integration of biology, hydrology, engineering, architecture, and subsurface interface radar to become a leader in innovative site resource evaluation and restoration. Drawing upon our broad experience and expertise we have become a leader in providing evaluation, planning, design, and permitting services to clients in both private and public sectors. Our environmental science staff scientists provide expert CEQA/NEPA Environmental Assessments, Initial Studies, Biological Assessments, Wetland Determinations, and Phase I Environmental Site Assessments in accordance with the latest USFWS, CDFW, NMFS, CEQA Guidelines, ASTM Standards, SBA, Federal and State regulations. Marcus H. Bole, Principal, has over 40 years of experience with environmental project management. The State of California has designated BOLE and ASSOCIATES a Disabled Veteran Small Business Enterprise (DVBE # 847) and Registered Environmental Property Assessors. The Department of Veterans Affairs has designed BOLE and ASSOCIATES as a Service Disabled Veteran Owned Small Business (SDVOSB).*

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104 Brock Drive, Wheatland CA 95692 (530) 633-0117 FAX (530) 633-0119, email: [Marcus@mhbole.com](mailto:Marcus@mhbole.com)  
6898 Penny Way, Browns Valley, CA 95918, (530) 415-6623, email: [David@mhbole.com](mailto:David@mhbole.com)  
35418 Stockton Street, Beaumont, CA 02223, (916) 966-6966, email: [Lynn@mhbole.com](mailto:Lynn@mhbole.com), [Charlie@mhbole.com](mailto:Charlie@mhbole.com)

## *OUR APPROACH*

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To meet or exceed our customers expectations by consistently providing high quality, timely and cost effective solutions to your environmental evaluation, planning, management, permitting, design and construction needs.

## *OUR NUMBER ONE GOAL IS SATISFIED CUSTOMERS*

Your project will be done right the first time.

Work will be performed by professionals familiar with your requirements.

We will communicate with you during all phases of the project and keep you informed of all important events.

We guarantee compliance with all applicable laws and regulations.

You will be completely satisfied with the quality of our work 100% of the time.

## *PROFESSIONAL AND COMMUNITY PARTICIPATION*

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*In keeping with our commitment to build our profession and our community, BOLE & ASSOCIATES participate in the following organizations:*

American Fisheries Society

American Society for Testing and Materials

Association of Environmental Professionals

Beale Air Force Base Restoration Advisory Board

Institute of Inspection, Cleaning and Restoration Certification

International Society of Arboriculture

International Society of Indoor Air Quality and Climate

National Geographic Society

National Registry of Environmental Professionals

Northern California Society of Environmental Professionals

Redbud Chapter, California Native Plant Society

Society for California Archaeology

Society of American Foresters

Society for Ecological Restoration

World Association of Copepodologists

## ***ENVIRONMENTAL CONSULTING FIRM PROFILE KEY PERSONNEL & ASSOCIATES***

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***Marcus H. Bole*** - *Principal Environmental Scientist and co-founder of BOLE & ASSOCIATES. Marcus is a graduate of North Dakota State University, Fargo, North Dakota with a Master of Science in Environmental Science. He holds a Bachelor Degree in Geography from California State University, Sacramento. Marcus has over 40 years of experience in biological / environmental site assessments and wetland habitat delineations. He is a Registered Environmental Property Assessor with the National Registry of Environmental Professionals. The State of California Department of General Services has designated Mr. Bole as a Disabled Veteran Business Enterprise (DVBE # 847). The Department of Veterans Affairs has designated Mr. Bole as a Service Disabled Veteran Owned Small Business (SDVOSB).*

***Charlene J. Bole*** – *Environmental Scientist and co-founder of BOLE & ASSOCIATES. Charlene is a graduate of North Dakota State University, Fargo, North Dakota with a Master of Science in Environmental Science. She holds a Bachelor of Arts in Social Science from California State University, Sacramento. Ms. Bole has over 40 years of experience in environmental project management, biological and botanical assessments and in-field worker environmental awareness training. She has supervised work forces of environmental scientists and field technicians responsible for a wide array of environmental issues. She is a Registered Environmental Property Assessor with the National Registry of Environmental Professionals.*

**David H. Bole** – *Principal Environmental Scientist and co-founder of Bole & Associates. David Bole is the Senior Environmental Scientist in charge of managing all Phase I and Transaction Screens for the company. David joined Bole & Associates in 1999. He holds a Bachelor of Science in Biology from California State University, Long Beach. Mr. Bole has extensive experience in research & project management of exotic animals, including rare birds and reptiles. He specializes in the threatened and endangered plant and animal species of California. He is a Registered Environmental Property Assessor with the National Registry of Environmental Professionals.*

**Stephanie Gibbs** – *Technology Developer, Website Support & Host. Stephanie joined Marcus H. Bole & Associates in 2010 bringing over 30 years of IT and software development experience, including 10+ years of website, financial and management plus 10+ years technology visionary in artificial intelligence software to Bole & Associates. Stephanie is a Microsoft Certified Software Engineer, holds a Master's in System Management (MSSM) from the University of Southern California, and certification as an OutSystems Web Developer. Stephanie founded End If Software in 1989, and has continued to provide efficient software solutions (web-based and desktop) to clients from very small start-ups to Fortune 500 companies. Whether the need is for sophisticated new technology development or fast WordPress site development, Stephanie will recommend the best solution for the current need. IT services provided: Website development and hosting services, Research and recommend software solutions, design and develop control or reporting software for research, manufacturing, and distribution firms.*

**Lynn W. Jenkins -- Senior Environmental Scientist.** *Mr. Lynn Jenkins is a graduate of California State University, Sacramento, with a Master of Science in Business Administration. Mr. Jenkins has over thirty years of experience in project management, auditing, accounting and environment site assessment. He is a recognized expert in environment records auditing involving a wide array of environmental issues. Mr. Jenkins is registered in the State of California as a Certified Public Accountant (27802). Since 2005, Lynn has supervised our Southern California office providing Phase 1 and Phase 2 support to our commercial and federal clients.*

**Charles L. Jenkins, B.A., -- Environmental Scientist.** *Mr. Charles Jenkins is a graduate of San Diego Christian College, with a Bachelor of Science Degree in Business Administration. Since 2006, Charlie Jenkins has been a key player in our providing expert biological and environmental management services to our Southern California clients. A skilled investigator, he leads our Phase 1 Project Management Team.*

**Gerald H, DeRego - Environmental Safety Professional & Wildlife Biologist.** *Mr. DeRego is an Associate Member of BOLE and ASSOCIATES and owner of Gerald DeRego, EHS Management. He holds a Master of Aeronautical Science from Embry-Riddle University, 1984, and a Bachelor of Science in Biology / Chemistry from Western Washington State College, 1970. He is a Certified Utilities Safety Administrator (CUSA) and holds advanced certificates in Professional Safety Management. As a wildlife biologist he has over 20 years of experience in biological assessments involving a wide range of threatened and endangered plant and wildlife species in California. He is a member of the National Safety Council and the American Society of Safety Engineers.*

***Anna Meyerpeter-Newman - Environmental Research Professional.***

*Ms. Newman is an Associate Member of BOLE and ASSOCIATES and owner of Anna Meyerpeter-Newman, Scientific Research. Anna holds a Master of Arts degree in Science from Chico State University and a Bachelor of Science Degree in Zoology from San Diego State University. Ms. Newman has over 33 years of environmental project management, environmental research and education. Ms. Newman has completed the course work for a Doctorate in Education which has allowed her to excel in scientific research and environmental program development.*

***James A. Gibson – Certified Asbestos Consultant.*** *Mr. Gibson is an Associate Member of BOLE and ASSOCIATES and owner of NORCAL Environmental Management. Jim brings over thirty years of environmental management of hazardous materials experience to MHB&A. A State of California Certified Asbestos Consultant (CAC) and Site Surveillance Technician (SST). Mr. Gibson specializes in the evaluation of water/fire damaged structures, pre-demolition asbestos surveys, asbestos operations and maintenance plans, indoor air quality investigations, and soil testing and evaluation.*

***Katrina D. Smolen - Hydrologist/Geologist.*** *Ms. Smolen is an Associate Member of BOLE and ASSOCIATES and owner of Hydro Restoration. Ms. Smolen holds a Master of Science in Hydrology from the University of Nevada, Reno. Additionally, she holds a Bachelor of Science in Geology from Bryn Mawr College. Ms. Smolen has served as Project Manager, United States Army Corps of Engineers, Sacramento District Regulatory Branch, and as Hydrologist for Huffman and Carpenter, Incorporated. She has an extensive background in*

*coordinating with Environmental and Tribal Regulatory Agencies, specializing in NEPA, CEQA and CWA restoration and monitoring. Ms. Smolen is a USCOE trained and certified wetland delineator.*

***Marcus S. Bole, B.A., J.D. - Environmental Law Professional.*** *Marcus S. Bole is an Associate Member of BOLE and ASSOCIATES. Marcus S. Bole holds a Bachelor of Arts in Public Administration from California State University, Chico, and a Juris Doctor from Lincoln Law School, Sacramento, California. Mr. Bole has over twenty years of experience with BOLE and Associates as an environmental scientist and legal expert in the field of environmental law. Mr. Bole reviews all CEQA and NEPA documents, as well as, permit applications for compliance with state and federal regulations and advises clients on the most appropriate level of environmental review for their projects. His background in public administration, environmental science and environmental law ensures the legal compliance for all our projects.*



## PROFESSIONAL REFERENCES

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*The following individuals may be contacted and can provide you with substantiation of BOLE & ASSOCIATIONS' technical knowledge, the quality of service provided, excellent pricing and on-time delivery of products. We urge you to do so.*

Laugenour & Meikle  
**Todd Tommeraason**  
608 Court Street  
Woodland, CA 95695  
(530) 662-1755  
Email: [tct@lmce.net](mailto:tct@lmce.net)

TMC Financing  
**Jim Azevedo**  
3500 Douglas Blvd, #130  
Roseville, CA 95661  
(916) 724-5000  
Email: [jim@tmcfinancing.com](mailto:jim@tmcfinancing.com)

Associated Right of Way Services  
**Larry Castellanos**  
2300 Contra Costa Blvd, Ste. 525  
Pleasant Hill, CA 94523  
(763) 412-4000  
Email: [bhodapp@ae-mn.com](mailto:bhodapp@ae-mn.com)

R L Hastings & Associates  
**Roy Hastings**  
3440 Lebon Drive  
San Diego, CA 92122  
(916) 397-6795  
Email: [roy@rlhastings.com](mailto:roy@rlhastings.com)

Hilbers Incorporated  
**John Fitch**  
770 N Walton Ave. Ste. 100  
Yuba City, CA 95993  
(530) 682-5159  
Email: [john@hilbersinc.com](mailto:john@hilbersinc.com)

ECORP Consulting  
**Peter Balfour**  
2525 Warren Drive  
Rocklin, CA 95677  
(916) 782-9100  
[Pbalfour@ecorpconsulting.com](mailto:Pbalfour@ecorpconsulting.com)

# PROJECTS

*The professional team at Bole & Associates has worked together for over thirty years on over 3,500 environmental projects located throughout Southern and Northern California. This broad experience makes us one of the most diverse private groups of professionals in our field. We draw upon our in-house expertise in environmental science, biology, botany, hydrology, cultural resources, planning, permitting, restoration, asbestos evaluations, and related fields of environmental management to service both private and public sectors.*

*At Bole & Associates, project success depends on strong coordination between multiple professions; our work history illustrates this approach. To demonstrate how our experience might be helpful on your project, we have selected the following summaries of our work.*

## ***Phase I and Transaction Screen Evaluations***

***California High Speed Rail:*** *designed specifications and performed a Level one (Phase I) Environmental Liability Site Assessment, utilizing the "American Society for Testing and Materials" (ASTM 1527), AAI federal directives, and the Small Business Administration's Standard Operating Procedures 50-10 for over one hundred properties proposed for purchase by the High Speed Rail Authority. These Phase Is included: 1) an evaluation of the historic transfer of title, and regulatory agency information; 2) site inspection of the property to determine existence of possible sources of contamination; 3) an evaluation of possible contingent off-site liabilities; 4) a hazardous materials survey in accordance with current ASTM standards, and 4) area/site maps. Point of contact: Larry Castellanos, 2300 Contra Costa Blvd., Suite 525, Pleasant Hill, CA. 94523, phone: 925-691-8500, mobile: 925-683-1080 and email: lcastellanos@arws.com.*

***Rural Communities Housing Development Corporation:*** *designed specifications and performed a Level one (Phase I) Environmental Liability Site Assessment, utilizing the "American Society for Testing and Materials" (ASTM 1527), AAI federal directives, and the Small Business Administration's Standard Operating Procedures 50-10 for numerous affordable housing projects for the Rural Communities Housing Development Corporation. These Phase Is included: 1) an evaluation of the historic transfer of title, and regulatory agency information; 2) site inspection of the property to determine existence of possible sources of contamination; 3) an evaluation of possible contingent off-site liabilities; 4) a hazardous materials survey in accordance with current ASTM standards, and 4) area/site maps. In addition, biological and botanical surveys were conducted to satisfy state and federal endangered species requirements. Point of contact: Ryan LaRue, 499 Leslie Street, Ukiah, CA 95482, phone: 707-463-1975, mobile: 707-972-5652 and email: RLaRue@rchdc.org.*

**SBA and Commercial Loan Support:** designed specifications and performed over 100 Level one (Phase I) Environmental Liability Site Assessments, utilizing the "American Society for Testing and Materials" (ASTM 1527), AAI federal directives, and the Small Business Administration's Standard Operating Procedures 50-10 for commercial loan institutions throughout California in support of Small Business Loans. These Phase Is included: 1) an evaluation of the historic transfer of title, and regulatory agency information; 2) site inspection of the property to determine existence of possible sources of contamination; 3) an evaluation of possible contingent off-site liabilities; 4) a hazardous materials survey in accordance with current ASTM standards, and 4) area/site maps. Point of contact: TMC Financing, Jim Azevedo, 3500 Douglas Blvd. #130, Roseville, CA 95661, phone: 916-724-5000, and email: jim@tmcfinancing.com.

### **NEPA/CEQA Environmental Assessments**

**Department of Veterans Affairs, National Cemetery Administration (NEPA):** designed specifications in accordance with the Council on Environmental Quality implementing the provisions of NEPA, Title 40 CFR, Parts 1500-1508; and Veterans Affairs regulations, Title 8 CFR, Part 26 to evaluate the proposed acquisition of land for the construction of the Miramar National Cemetery and the expansion of the Fort Rosecrans, Riverside, San Joaquin, Sacramento Valley, Roseburg, Santa Fe National, and the Eagle Point National Cemeteries. Each DRAFT and FINAL Environmental Assessment required the completion of an Initial Study, Cultural Resources Survey, Phase I Environmental Site Assessment, and Public Scoping. The purpose of these assessments was to fulfill the critical need for continued availability for cemetery space of America's veterans. Each of these Environmental Assessments resulted in the acquisition of land while maintaining all provisions that protected, restored and enhanced the quality of the human environment while minimizing the adverse environmental consequences of land development. Point of contact: Office of Construction Management (41F), National Cemetery Administration, Phone: 202-632-5521, and e-mail: Jill.Schattel@va.gov.

**Brown Valley Irrigation District (CEQA):** designed specifications in accordance with California Environmental Quality Act Statutes and Guidelines to evaluate numerous infrastructure improvements, upgrades and environmental impacts for one of Northern California's leading water management and irrigation district. Each DRAFT and FINAL Environmental Assessment required the completion of an Initial Study, Cultural Resources Survey, Aesthetics Evaluation, Agricultural/Forestry Impacts, Air Quality Analysis, Biological Resource Impact, Energy evaluation, Geology and Soils impacts. Greenhouse Gas Emissions, Hazardous Materials (Phase I Environmental Site Assessment), Hydrology and Water Quality analysis, Land Use considerations, Mineral Resource impacts, Noise evaluations, Traffic impacts, and Public Scoping. The purpose of these assessments was to fulfill the critical need for continued availability for agricultural water resources to Northern California farmers. Point of contact: Mr. Mark Sayers, Browns Valley Irrigation District, 9370 Browns Valley School Road, Browns Valley, CA 95918, Phone: 530-742-5703, and e-mail: mark@bvid.org.

**City of Marysville, California (CEQA):** designed specifications in accordance with California Environmental Quality Act Statutes and Guidelines to evaluate infrastructure improvements, upgrades and environmental impacts for the City of Marysville and its citizens. Projects included the emergency repair of the 17<sup>th</sup> Street Storm Drain Pipeline, the 10<sup>th</sup> Street Commercial Center, and the 5<sup>th</sup> Street 7-Eleven projects. Each of these Initial Studies examined the potential environmental impacts and recommended comprehensive mitigation measures to reduce the overall impacts to less-than-significant. Point of contact: Paul Richardson, City of Marysville, 526 C Street, Marysville, CA 95901, Phone: 916-390-2628, and email: prichardson@masfirm.com.

### **Biological, Botanical, & Wetland Delineations**

**Miramar National Cemetery, San Diego, California. Natural Resource Manager.** Designed and performed investigations and site-specific biological monitoring activities for over 300 acres of natural and constructed vernal pools over a seven year period. During the construction of the Miramar National Cemetery provided onsite monitoring to protect some of the most sensitive natural habitats in the San Diego area. Served as the Natural Resource Manager of seven years following the construction of the first phase of cemetery development. Produced monthly and yearly reports for state and federal regulatory agencies documenting the successful establishment of created vernal pools. Investigated trespass violations that were destroying sensitive natural plant communities within the open space of the cemetery grounds. Provided guidance for habitat restoration activities throughout the cemetery. Point of contact: Office of Construction Management (41F), National Cemetery Administration, Phone: 202-632-5521, and e-mail: Jill.Schattel@va.gov.

**MHM-INC.** Designed and performed investigations and site-specific biological inventories to determine the presence of special status species or habitat for such species that may be affected by numerous construction projects within Northern California. In addition, numerous other studies were conducted to include: 1) a determine of the presence of wetlands subject to the jurisdiction of the US Army Corps of Engineers (Corps), pursuant to their authority under Section 404 of the Clean Water Act; and 2) riparian determinations. Permits were obtained from the United States Army Corps of Engineers, California Department of Fish & Game and the Regional Water Quality Control Board. Point of contact: Mr. Sean Minard, 1204 E Street, Marysville, CA 95901, phone: 530-742-6407, and email: sminard@mhm-inc.com.

**Yuba County Public Works Department:** Designed and conducted Wetland Delineations and biological inventories for endangered plant and wildlife for the Star Bend Dredging Project on the Feather River, Yuba County, and the Woodruff Lane Correction Project, Marysville, California. Wetland delineations were accomplished and verified by the U. S. Army Corps of Engineers, Sacramento District Regulatory Branch. Reports were coordinated with the United States Fish & Wildlife Service and the United States Department of Commerce, National Oceanic and Atmospheric Administration.

CEQA lead agency was the County of Yuba, point of contact, Stevan Campbell, Senior Engineer, 915 8<sup>th</sup> Street, Marysville, CA 95901, phone: 749-5420, and email: [scampbell@co.yuba.ca.us](mailto:scampbell@co.yuba.ca.us).

**East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan.** Designed and conducted species-specific planning surveys and planning survey species habitat maps for the commercial development of a property located at 1600 North Park Blvd, Pittsburg, California in accordance with the East Contra Costa County Habitat Conservation Plan and Natural Community Conservation Plan. Marcus and Charlene Bole submitted their qualifications to conduct multi-species surveys to the HCP/NCCP manager Allison Van Dorn who forwarded the qualifications to the USFWS. Based upon the education, training and recent experience in multi-species surveys submitted to the USFWS, Marcus and Charlene Bole were approved by Ryan Olah, Coast Bay Division Chief, USFWS, Sacramento Fish & Wildlife Office, 2800 Cottage Way, Sacramento, CA 95825, phone: 916-414-6623, and email: [ryan\\_olah@fws.gov](mailto:ryan_olah@fws.gov). Marcus coordinated the application package, designed minimization and avoidance measures, and calculated impact fees for the development of the Sonic Drive-In Restaurant. Point of Contact: Allison Van Dorn, East Contra Costa HCP/NCCP, 30 Muir Road, Martinez, CA 94553, phone: 925-674-7719, and email: [Allison.VanDorn@dcd.cccounty.us](mailto:Allison.VanDorn@dcd.cccounty.us).

**United States Army Corps of Engineers Section 404 and Section 408 Regulatory Agency approved Biological Assessments and Wetland Delineations.** Bole & Associates conducted recent biological assessments in accordance to Section 408 and USFWS formats in support of North Valley farms for wetland impact permits. These projects involved pump and pipeline replacements that impacted levees, floodplains and the river environments along the Sacramento, Feather and Yuba Rivers. Reports and permit applications were submitted and approved by the USACE as well as State wetland impacts permits by the CDFWS and CRWQCB. Points of contact: Peck Ha, USACE Section 404, phone: 916-557-6617, email: [peck.ha@usace.army.mil](mailto:peck.ha@usace.army.mil).

## **MARCUS H. BOLE, Principal, Senior Environmental Scientist**

### **EXPERTISE:**

Environmental Project Management  
Natural Resource Management  
Environmental Site Assessment, Phase I and Phase II  
Wetland Delineation, Mitigation, and Permitting

### **EDUCATION:**

Masters Degree in Environmental Science  
North Dakota State University, Fargo, 1976  
Baccalaureate in Social Science - Biology  
California State University, Sacramento, 1970  
Registered Environmental Property Assessor (#647913), National Registry  
Certified Veterans Administration: Service Disabled Veteran Owned Small Business  
Certificate Program, Site Assessment and Remediation, UC Davis  
Certificate Program, Land Use and Environmental Planning, UC Davis  
California Community College Instructor Credential (Life), Environmental Sciences  
Certified (OSMB) Disabled Veteran Business Enterprise (DVBE)  
California Department of General Services (#0000847)  
Certified OSHA Hazardous Materials  
Certified FAA Airline Transport Pilot (#2168155)

### **PROFESSIONAL HISTORY:**

Bole & Associates, Principal, 1991 - Present  
U. S. Federal Government Manager of Environmental Engineering,  
Compliance and Community Planning, 1970 - 1993  
California State Division of Forestry, Engineer, 1966 - 1970

### **REPRESENTATIVE EXPERIENCE:**

Mr. Bole has over forty years of experience in environmental project management. A recognized expert in state and federal agency environmental regulations and procedures, he has directed operations throughout Northern California and Southern California. He has supervised work forces of professional engineers, scientists and technicians responsible for pollution monitoring, permitting, abatement, environmental impact analysis, natural resource restoration programs and hazardous waste characterization, storage and disposal. After a distinguished twenty-three year career in the United States Air Force as Chief, Environmental Management Division, Beale Air Force Base, Marcus retired in the rank of Lt. Colonel.

## **CHARLENE J. BOLE, Principal, Senior Environmental Scientist**

### **EXPERTISE:**

Environmental Project Management  
Environmental Site Assessments (Phase I & II)  
Threatened and Endangered Species  
Wetland Delineation, Mitigation and Permitting

### **EDUCATION:**

Masters Degree in Environmental Science  
North Dakota State University, Fargo, 1979  
Baccalaureate in Social Science – Geography  
California State University, Sacramento, 1974  
Graduate Course work in Environmental Sciences, Botany  
Registered Environmental Property Assessor (#229436), National Registry  
State of California Standard Teaching Credential  
State of California Pupil Personnel Credential  
California Community College Instructor, Psychology  
California Community College Counselor Credential

### **PROFESSIONAL HISTORY:**

Bole & Associates, Principal, 1991 - Present  
Consultant, Instructor for US Army, Department of Defense, Belgium, 1988 - 1991  
Senior Project Manger, Environmental Development Center, Belgium, 1988 - 1991  
Consultant and Instructor for Department of Defense, Japan, 1985 - 1987  
Instructor, Wheatland School District, CA, 1980 - 1984  
Counselor, Minot Public Schools, ND, 1977 - 1979

### **REPRESENTATIVE EXPERIENCE:**

Charlene has over twenty-five years of experience in environmental project management, environmental science instruction and consulting. She has directed major environmental projects for the Department of Defense, both in the United States and in foreign countries. A recognized expert in research development and management, she has supervised work forces of professional scientists and technicians responsible for a wide array of environmental issues in Northern California and Yuba County. Her areas of expertise include wildlife ecology, regulatory compliance, natural resource and habitat conservation planning, and the delineation of waters of the United States. Her organizational skills have consistently resulted in finding the most cost effective means for project implementation and completion.

## **DAVID H. BOLE, Principal, Senior Environmental Scientist**

### **EXPERTISE:**

Environmental Project Management  
Natural Resource Conservation Management  
Environmental Site Assessment, Phase I ESA  
Wetland Delineation, Mitigation, and Permitting  
Wildlife Biology

### **EDUCATION:**

Baccalaureate in Biology  
California State University Long Beach, 2000  
Graduate Studies leading to Master's Degree, Environmental Science  
California State University Long Beach, In Progress  
Registered Environmental Property Assessor (762718), National Registry  
Certified Wetland Delineator, U. S. Army Corps of Engineers  
Certified Open Water SCUBA, Advanced PADI

### **PROFESSIONAL HISTORY:**

Bole & Associates, Principal, 1999 - Present

### **REPRESENTATIVE EXPERIENCE:**

As senior staff biologist, David H. Bole has been instrumental in the implementation of a wide variety of wildlife surveys, habitat evaluations, wetland determinations, and natural resource management projects. Based on his advanced knowledge of herpetology, David was selected to lead a team of biologists in support of studies of the Salton Sea for the San Diego Museum of Natural History. He has conducted comprehensive Natural Environment Studies for the California Department of Transportation, and participated in the evaluation of spawning and rearing habitats associated with the Yuba River Fisheries Habitat Enhancement Project. A recognized expert in the field of environmental science, David is a State of California Registered Environmental Assessor who has completed over 200 Phase I Environmental Site Assessments in Northern and Southern California. As a project manager, David pioneered the integration of biology, hydrology, sub-surface interface radar and computer science in providing environmental planning services for private and public agencies throughout California. During the early stages of project design, David has conducted over 300 endangered wildlife surveys and evaluations that have resulted in the avoidance of costly special status species and wetland mitigation measures while preserving the natural habitat associations in the Central Valley.



## **ANNA MEYERPETER-NEWMAN, Senior Environmental Scientist**

### **EXPERTISE:**

Environmental Project Management  
Scientific Research and Analysis  
Environmental Worker Awareness Training  
Onsite Construction Monitoring and Reporting

### **EDUCATION:**

Baccalaureate of Science in Zoology  
San Diego State University, 1975  
Master of Arts in Science and Science Education  
California State University, Chico, 1985  
Completed course work for Doctorate in Education

### **REPRESENTATIVE EXPERIENCE:**

As senior environmental scientist, Ann Meyerpeter-Newman has been instrumental in the implementation of a wide variety of scientific investigations into wildlife behaviors, habitat associations and natural resource management projects. Based on her advanced knowledge of environmental worker awareness she has trained and certified construction personnel in the proper procedures to identify and avoid special status plant and wildlife species. As a project manager, Anna continues to promote the integration of biology, and environmental science in providing environmental planning services for private and public agencies throughout California. During the early stages of project design, Anna has conducted endangered wildlife surveys and evaluations that have resulted in the avoidance of impacts to special status species. As an environmental educator, Anna is a recognized expert in defining avoidance and minimization measures and successfully communicating these measures to construction supervisors and heavy equipment operators. During recent construction monitoring of a critical Department of Water Resources Delta smelt habitat creation project in the Bay-Delta region of Northern California she was instrumental in identifying and communicating avoidance and minimization measures for the giant garter snake, *Thamnophis gigas*.

## **GERALD DEREGO, Safety Professional and Wildlife Biologist**

### **EXPERTISE:**

Safety, Environmental and Quality Management  
Regional Environmental Health and Safety Management  
Natural Resource Conservation Management  
Wildlife Habitat Evaluations and Reporting  
Environmental and Safety Worker Awareness Training

### **EDUCATION:**

Bachelor of Arts, Biology and Chemistry  
Western Washington State College, Bellingham WA, 1970  
Master of Science, Environmental Science  
Embry-Riddle University, 1980  
Certified Utilities Safety Administrator (CUSA)  
National Safety Council, Utilities Division

### **REPRESENTATIVE EXPERIENCE:**

As senior safety and environmental scientist, Gerald DeRego has conducted hundreds of Environmental Management System inspections on behalf of the United States Air Force and the National Cemetery Administration. He has conducted wildlife surveys in support of natural resource assessments and designed avoidance and minimization measures in support of environmental impact reports. His comprehensive knowledge of state and federal safety and environmental regulations has resulted in the preparation of numerous Environmental Assessments at over two dozen Veterans Administration National Cemeteries. As a wildlife biologist, his knowledge of state and federal endangered plant and wildlife species and their specific micro-habitat has resulted in numerous biological assessments that have been approved by the United States Fish & Wildlife Service and the California Department of Fish & Wildlife. Gerald retired from the United States Air Force after 24 years of superior service in the rank of Lt. Colonel. While in the Air Force, he was directly responsible for the safety and environmental protection of millions of dollars of resources both overseas and in the United States.

## **JAMES A. GIBSON, Certified Asbestos Consultant, MHB&A**

### **EXPERTISE:**

Certified Asbestos Surveys  
Sampling & Packaging Samples for Lab Delivery  
Indoor Air Quality Evaluations (Mold)  
Air Clearance Sampling for Mold & Asbestos  
BioTrace Clearance Sampling for Bio-Hazard & Sewage Remediation

### **EDUCATION & CERTIFICATIONS:**

State of California Certified Asbestos Consultant, DOSH #01-2960  
Certified Microbial Investigator (American Indoor Air Quality Assoc.)  
Forensic Analytical Workshop, Microbial Contamination  
Asbestos Contractor Supervisor Refresher

### **REPRESENTATIVE EXPERIENCE:**

Jim brings over twenty years of environmental management of hazardous materials experience to MHB&A. A State of California Certified Asbestos Consultant (CAC) and Site Surveillance Technician (SST), Jim performs all our asbestos inspections and testing in compliance with local, state and federal asbestos regulations. An American Indoor Air Quality Council, Certified Microbial Investigator (CMI), he conducts all mold and bio-hazard inspections and testing in accordance with the highest industry standards. Jim has conducted hundreds of asbestos inspections in Yuba County with a list of clients that include: Yuba County Public Works, Yuba County Airport, Yuba County Risk Management, Yuba County Planning Department, Yuba County Water Agency, and numerous public agencies in Sutter County. MHB&A specializes in the evaluation of water/fire-damaged structures, pre-demolition asbestos surveys, asbestos operations and maintenance plans, and indoor air quality investigations. We provide detailed written reports that guide and assist the abatement/remediation contractors throughout the abatement process. Jim also conducts post remediation/clearance testing upon project completion.

## **KATRINA D. SMOLEN, Hydrologist, MHB&A**

### **EXPERTISE:**

Hydrology and Geology  
Environmental and Tribal Regulatory Specialist  
Riparian and Stream Management  
Wildlife and Plant Inventories

### **EDUCATION:**

Master of Science in Hydrology  
University of Nevada, Reno  
Baccalaureate in Geology, minor in Biology/Environmental Science  
Bryn Mawr College

### **REPRESENTATIVE EXPERIENCE:**

Katrina Smolen joined the wetland science team of Bole & Associates in 2004 and immediately took the lead as wetland delineator and permitting coordinator for all of Northern California and Yuba County. She has an extensive background in coordinating with Environmental and Tribal Regulatory agencies, specializing in NEPA, CEQA, CWA, NHPA, ESA, TMDL's Restoration and Monitoring. Additionally her participation in numerous hydrologic studies both here and abroad reflects superb leadership in the field. While working with the Desert Research Institute she was instrumental in the following projects: *Trout Creek Stream Enhancement and Wildlife Protection Project, Water Quality Monitoring; Cottonwood Riparian Meteorological Study, Truckee River, NV; Evapotranspiration and Its Importance to the Water Budget of the Lake Tahoe Basin.*

Her expertise in professional writing and speech presentation are reflected in participation in the 2004 American Water Resources Association Summer Specialty Conference as a speaker. She was the North American Representative of the Young Water Action Team (International Non-Governmental Organization) 2001 – 2003. As a Project Manager for the United States Army Corps of Engineers, Sacramento District Regulatory Branch, Katrina was directly responsible for implementing Section 404 requirements for dozens of Northern California wetland permitting projects. She has extensive experience with county, state and federal agency coordination including the California Department of Fish & Game, the California Department of Water Resources, and the United States Fish and Wildlife Service.

**Bole & Associates**  
*An Environmental Consulting Company*

***Labor Rates, Bole & Associates***

Rates Effective January 1, 2021

<b>Project Manager</b>	<b>\$225 per Hour</b>
<b>Environmental Technician (Asbestos)</b>	<b>\$95 per Hour</b>
<b>Environmental Scientist</b>	<b>\$129 per Hour</b>
<b>Archaeologist</b>	<b>\$139 per Hour</b>
<b>Wildlife Biologist</b>	<b>\$120 per Hour</b>
<b>Botanist</b>	<b>\$120 per Hour</b>
<b>Hydrologist</b>	<b>\$145 per Hour</b>
<b>Software Engineer</b>	<b>\$200 per Hour</b>
<b>CEQA/NEPA Lawyer Services</b>	<b>\$250 per Hour</b>
<b>Clerical</b>	<b>\$35 per Hour</b>

*MARCUS H. BOLE & ASSOCIATES are covered by Worker's Compensation and Liability Insurance, Commercial General Liability, and Profession Liability policies issued through Edgewater Partners Insurance Center, 350 Hudson Street, New York, NY 10014, Attn: Terri Burke, Phone: 201-356-346, and email: [terri.burke@epicbrokers.com](mailto:terri.burke@epicbrokers.com)*