

Statement of Qualifications

# Litigation Support Services

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*PREPARED BY*

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## ENTRIX DELIVERS EXCELLENCE IN LITIGATION SUPPORT SERVICES

ENTRIX is a natural resources and environmental management consulting firm that delivers the highest level of environmental and natural resource management consulting and litigation support services. Our professional staff is expert in a broad cross section of technical and related business disciplines with experience representing both public sector and private sector clients. Our focus is on agencies and industries whose core operations require navigation of highly complex regulatory environments.

ENTRIX’s private sector clients are predominantly in the energy and power, financial and insurance, legal, chemical manufacturing, oil and gas, and real estate industries.

We also work closely with federal and state agencies, water districts, Native American tribes and other governmental and non-governmental bodies.

ENTRIX has a staff of approximately 500 professionals located in 40 offices in the United States, plus offices in Ecuador, Peru, and Canada. We have provided litigation support services in every region of the United States.

### ENTRIX Core Areas of Expertise

- Toxicology and risk assessment
- Natural resource damage assessments (NRDA)
- Water resources management
- Resource economics
- Environmental and Natural Resource Liability Management (ENLRM)

### ENTRIX Litigation Services

- Early evaluation of underlying assumptions and site-specific data
- Class certification/decertification
- Technical and strategic assistance with discovery
- Evaluation of opposing experts’ reports or testimony
- Technical and strategic assistance with negotiating/ settlement strategy
- Assistance with deposition/trial strategy
- Graphics/GIS support for presentation of evidence
- Services of a neutral dispute resolver or neutral expert
- Submitting expert reports
- Expert testimony in trial or deposition

### An Experienced Litigation Team Supported by Knowledgeable Professionals

Our senior litigation team members are all top practitioners in their respective fields and average more than 25 years of professional experience. They are assisted by scientists, researchers, writers, GIS and graphics experts who have significant field experience and are knowledgeable about the underlying technical, regulatory, and business issues and their potential impact on the outcome of litigation. The team is supported by staff professionals including administrative assistants, IT support and in-house production services.

## Broad Litigation Experience and Proven Results

Our litigation support consultants have extensive background and experience in many of the common types of disputes and cases involving environmental issues. The following are some of the areas in which our expert witnesses have provided testimony. Please contact ENTRIX for more specific information or case studies.

### *Toxic Torts: Human Health Claims*

- National consulting expert in multiple past and ongoing cases involving alleged occupational and consumer exposure to artificial butter flavoring, primarily in microwave popcorn.
- Gave deposition testimony for the defense in a case alleging occupational exposures to cadmium with accompanying health effects.

### *Toxic Torts: Property Damage Claims*

- Prepared expert opinions on impacts to property values caused by chlorinated compounds in paper and pulp mill effluent for group of companies in Mississippi and Alabama.
- Provided expert testimony on the impacts of petroleum and PCE contamination on the value of commercial office property in Gainesville, Florida.
- Provided expert testimony on the impacts of hydrocarbon contamination from a leaking underground storage tank on the value of adjacent residential property in Houston, Texas.
- Provided expert testimony related to claims of contamination caused by chlorinated hydrocarbons (benzenes) originating from station septic field in Northern Virginia.



### *Toxic Torts: Lost Business Value Claims*

- Prepared expert testimony on significance of pesticides in water, fish and sediment related to operation of fish farm in South Carolina.
- Analyzed cash flows and other financial and operational data related to a retail shopping center impacted by an adjoining property owner leaking UST and impact on the value of the partnership's assets.
- Provided expert testimony on lost business use in case involving contaminated food used in large aquaculture operations in California.
- Provided expert testimony on the economic impact of a petroleum release on recreational business interests in a coastal environment; developed alternative valuation model used by defendants to settle claims for a fraction of original value.
- Provided expert testimony related to lost income claims by shrimp fisherman resulting from an oil spill in Suisun Bay, California.
- Provided expert testimony on lost productivity and business use related to an impacts to an oyster fishery caused by an oil spill in South Carolina.
- Provided expert analysis of the New Jersey groundwater formula to support settlement and litigation efforts.

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### ***Natural Resource Damages (NRD) Claims***

- Provided expert testimony related to hydrocarbon contamination of properties and alleged natural resource injuries along Calcasieu Estuary in Louisiana.
- Provided expert support and/or testimony related to human-use damage claims at the following sites: Fox River/Green Bay, St. Lawrence River, Lake Ontario, Lake Hartwell, and confidential sites in Georgia, North Carolina, Michigan, and Indiana.
- Provided expert testimony in an NRDA claim related to a pipeline rupture in Kansas, including hydrocarbon toxicity assessment and performance of a Habitat Equivalency Analysis.
- Provided expert support to three law firms representing a chemical manufacturer with a natural resource damage claim associated with chronic releases of DDT to coastal areas.
- Provided expert support to a mining company related to natural resource damages claim due to chronic releases of arsenic, selenium and mercury.
- Provided support to an oil exploration and refining company related to natural resource damages claim due to chronic release of petroleum hydrocarbons to freshwater and coastal habitats.
- Provided expert testimony in federal court on the economic value of damages arising from a ground water contamination at the South Valley Superfund Site in Albuquerque New Mexico. Testimony rebutted the basis for the state's claim for approximately \$4 billion in damages, and provided an alternative theory for conducting damage assessments for ground water that implied minimal damages, if any.

### ***Loss of/Injury to Recreational Services or Other Non-Market Values***

- Prepared expert testimony in support of chemical manufacturer with alleged NPDES violations. Reviewed effluent data and provided opinion on the toxicological significance of complex mixtures of chemicals in the effluent.
- Estimated economic value of restoring a threatened salmonid population in a Montana stream to off-set a Clean Water Act penalty.
- Provided a monetary quantification of the economic benefits to the public of preserving a unique Prairie Sand Dune ecosystem with significant scientific, educational, and natural and significance in Minnesota to off-set a Clean Water Act penalty.
- Evaluated regulatory, NRDA, and third-party liabilities at four mine sites in the Western U.S. and counseled leading national insurance company on settlement strategy to resolve associated claims totaling several hundred million dollars.
- Evaluated past and future costs associated with pollution liability claims against a leading international insurance company. Included evaluation of remedial approach, technology, and cost at both CERCLA and RCRA sites, as well as estimating future costs for ongoing operation and maintenance (e.g., groundwater monitoring, recovery and treatment, NAPL recovery, etc.), offsite waste disposal (hazardous and nonhazardous), and ecological liabilities such as NRDA.
- Conducted site investigations, removed underground storage tanks and associated infrastructure, conducted site remediation activities, and obtained regulatory closure for two Industrial Freight System facilities in Southern California. The work was conducted for a law firm while the assets were in Chapter 11 proceedings.
- Provided expert consulting services in dozens of eminent domain proceedings, including assisting in preparing responses to orders of taking, and valuing the real estate subject to a condemnation action. We also provided expert consulting services to clients on inverse condemnation actions pursuant to regulatory takings issues.

### *PRP Allocation and Cost-Recovery Claims*

- Prepared expert testimony related to spills in Massachusetts, the Ohio and Mississippi Rivers, Gulf of Mexico, Delaware Bay, Oregon, and Washington, including forensics analyses of PAHs and related compounds to characterize potential fate and toxicity in sediment, water, biological tissues, and other contaminated media.
- Provided expert testimony on environmental risks arising out of a petroleum release into subsurface soils and groundwater from a damaged underground storage tank.
- Provided expert allocation support determining client's portion of liability at a landfill site using waste manifest data and established human health risk assessment principles and methodology.
- Provided expert testimony determining allocation for PCB and oil cleanup costs at a Pennsylvania site where PCB-containing transformers were used in the propulsion system for railway cars for a 50-year period.
- Provided expert consulting evaluating composition and environmental distribution of polychlorinated dibenzodioxin/furans (PCDD/F) and other marker chemicals in major regional watershed, including multi-source evaluation to establish importance of off-property, tributary, and estuarine/freshwater zones of contamination over time.
- Provided expert forensics analyses to determine oil and other hydrocarbon sources near damaged offshore oil rigs and onshore pipeline areas following Hurricane Katrina.
- Provided expert testimony at multiple cost allocation trials for source assessment, transport, and fate of PCBs in the Kalamazoo River. Assessed the potential for client contributions based on pattern recognition, concentration gradients, and characterization of upstream sources.
- Provided expert chemical forensics testimony in mediation between two parties contesting petroleum hydrocarbon contributions in a groundwater plume commingled with chlorinated solvents.
- Provided expert testimony at cost allocation mediation and binding arbitration for a multi-user waterway contaminated with myriad inorganic and organic chemicals. Evaluated source, fate, transport, and sampling issues in a complex environment where resuspension and currents had redistributed contaminants from original locations.





## LITIGATION TEAM

Many of our senior litigation team members have been providing expert witness and other litigation support through ENTRIX for more than a decade and in some cases for more than two decades. Most have Ph.D.s, and many have published extensively and taught at the graduate or professional level.

### Jean Baldrige

*Vice President, Technical Director  
Moses Lake, WA*

Ms. Baldrige has over 35 years of experience in aquatic ecology with an emphasis in fisheries and assessments of aquatic habitat. She has been involved in permitting construction projects along rivers and lakes that need to comply with Clean Water Act permits and state Fish and Game permits for streambed encroachment. In addition, Ms. Baldrige is a specialist in addressing endangered species concerns. Her past litigation support has included expert witness testimony regarding effects of water developments on fish populations and instream flow issues for a variety of projects. She has published numerous reports and articles for state agencies as well as scientific journals. Ms. Baldrige received her B.S. from Grinnell College and a M.S. from the University of Washington.

### Robert Barrick

*Senior Consultant  
Seattle, WA*

Mr. Barrick has 34 years of experience as an environmental chemist specializing in the transport, chemical fate, and biological effects of organic and inorganic toxic chemicals. Mr. Barrick is a testifying expert in the areas of environmental chemical forensics, including source fingerprinting, transport, and weathering of PCBs, PAH and other hydrocarbons, PCDD/PCDFs and solvents and other complex chemical mixtures; cost allocation in alternative dispute resolutions involving both organic compounds and metals; contribution actions; NRDA suits; toxic tort; and regulatory compliance for aquatic discharges. Mr. Barrick has provided forensic and other expert consulting in North and South America, including waterways, rivers, coastal regions, and at disposal, repair, manufacturing, recycling, and brownfield facilities. He has authored or co-authored 14 publications detailing hydrocarbon sources and fate, chemical distributions, and the use of sediment quality guidelines for organic and inorganic chemicals. Mr. Barrick holds B.S. and MBA degrees from the University of Washington.

## **Neal S. Brody, J.D.**

*Vice President, Technical Director  
Los Angeles, CA*

Mr. Brody has over 25 years experience working as an attorney and consultant on complex environmental matters with particular focus on economic costs and damages. His work has included the estimation and analysis of potential claims for natural resource damages, strategic counseling of alternative settlement positions in Superfund and natural resource damages cases, allocating response and natural resource damages costs among parties, estimating claims and exposure to claims in bankruptcy proceedings and developing best management practices to optimize environmental performance. Mr. Brody's expertise encompasses environmental and health and safety issues and their application in contracts, mergers and acquisitions and real estate transactions, as well as all forms of litigation and alternative dispute resolution. Mr. Brody is routinely retained by counsel and corporations to provide advice and/or testimony in matters involving claims for or exposure to suits for natural resource damages. Mr. Brody has a B.A. from Wesleyan University and a J.D. from Duke University School of Law.



## **Shirley Denton, Ph.D.**

*Senior Project Scientist  
Riverview, FL*

Dr. Denton has more than 20 years experience in listed species and conservation programs, wetland assessments, and water use and wetland resource permitting. She has a unique understanding of the broad range of Florida wetlands, scrubs, and other natural communities coupled with their characteristic land forms, soils, water regimes, and disturbance patterns. Dr. Denton has developed specialized studies and provided expert witness services for clients facing water use permitting challenges, wetland jurisdictional disputes, and condemnation issues. She has been qualified and accepted in several areas of expertise including ecology, wetland ecology, and plant ecology. Dr. Denton's broad academic training includes forest ecology, biometrics, computer science, landscape ecology, plant ecology, listed species, and land management. She has seven peer-reviewed publications and has given nine presentations. She holds a B.A., an M.A., an M.S. and a Ph.D. from the University of Michigan.

## **Douglas J. Durbin, Ph.D.**

*Vice President, Technical Director  
Riverview, FL*

Dr. Durbin has conducted numerous studies on stream, lake, estuarine, and upland and wetland systems. These projects have dealt with habitat suitability analyses, restoration of upland and wetland habitats, minimum flows and levels in streams and lakes, marina assessments and permitting, and the effects of stormwater and industrial and domestic waste water discharges on aquatic communities. Other areas of expertise include geographic information systems and wetland treatment for water quality improvement. Dr. Durbin's investigations have ranged from the acquisition and analysis of physical and chemical information, to protecting and optimizing the ecological and aesthetic value of water bodies, to compliance monitoring for residential and commercial developments, to the design and execution of studies to allow for the establishment of domestic and industrial wastewater effluent limitations. Dr. Durbin has a B.A. and M.S. from the University of Louisville and a Ph.D. from Clemson University.

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## **John P. Giesy, Ph.D.**

***Technical Director  
Saskatoon, SK, Canada***

Dr. Giesy is an environmental toxicologist specializing in aquatic and wildlife toxicology, with a background in limnology, fisheries biology, and avian toxicology. His expertise includes fate and effects of trace substances in aquatic ecosystems; trace metal speciation, cycling, and toxicity; simulation models of environmental fates of trace substances; microcosms; biochemical toxicology (biomarkers); sediment toxicity and bioavailability; polycyclic aromatic hydrocarbons; pesticides; photo-induced toxicity in aquatic organisms; avian toxicology and habitat requirements; PCBs, dioxins; and endocrine disrupters in the environment. Dr. Giesy holds the Canada Research Chair in Environmental Toxicology at the University of Saskatchewan and is a visiting professor at universities in China and Hong Kong. He has consulted with governments and industries worldwide on contaminated sites and natural resource damages, has published 680 peer-reviewed works, and has given more than 1100 presentations. He served as president of the Society of Environmental Toxicology and Chemistry, and has received numerous national and international awards. Dr. Giesy holds a B.S. from Alma College and an M.S. and Ph.D. from Michigan State University.

## **J. Steve Godley**

***Senior Vice President, Technical Director  
Riverview, FL***

Mr. Godley has been in the environmental consulting field for more than 35 years, and is a nationally recognized expert on the impact of development on endangered and threatened species. He has served as an expert witness in 14 cases involving the impact of development on various species, and has been involved in over 50 condemnation services cases in the last 10 years, working for both condemnors and condemnees. He coordinates frequently with environmental lawyers to develop field and recording procedures that are robust in the event of legal challenges to a project. Mr. Godley has published 21 peer-reviewed papers and 25 peer reviewed oral presentations. He holds a B.A. and an M.A. from the University of South Florida.

## **Lloyd E. Horvath, P.E.**

***Technical Director  
Fort Myers, FL***

Mr. Horvath has 37 years of experience in the technical, regulatory, and planning aspects of groundwater and surface water resource development. He has managed and directed more than 100 major projects involving water supply development, aquifer storage and recovery (ASR), wastewater reuse, and hydrologic analysis, and has been an expert witness, testifying regarding reclaimed water reuse. Mr. Horvath has written seven peer-reviewed papers on water systems and supply and demand. He spent two years working for the Libyan Ministry of Agricultural Development where he conducted hydrogeologic studies and managed drilling and testing for large water supply development projects. While formerly employed at the Southwest Water Management District as Chief of Permitting, he supervised the consumptive use and deep well injection permitting section. Mr. Horvath has a B.S. and an M.S. from Ohio University.

## **Jody A. Kubitz Ph.D.**

### ***Senior Consultant Barrington, IL***

Dr. Kubitz has extensive experience in assessing and managing the adverse effects of chemical releases on the environment. During the last five years, Dr. Kubitz and his team led Regions II, V and VII of the U.S. EPA, Region III of the U.S. Fish and Wildlife Service and Trustee and Remediation agencies in Illinois, Missouri and New Jersey through the development of work plans that integrate human health risk assessment ERA and NRDA into the remedial investigation and feasibility study processes. Dr. Kubitz also participated in the U.S. EPA working group that tested and published the first standard methods for sediment bioassays. Dr. Kubitz has conducted assessments and provided emergency responses to law firms following accidental releases. Dr. Kubitz has published 17 papers and given 33 presentations and holds a B.S. from North Dakota State University, and an M.S. and Ph.D. from Michigan State University.



## **Leo D. Lentsch**

### ***Vice President, Technical Director Georgetown, SC***

Mr. Lentsch has over 24 years of experience as a conservation biologist and program/project manager working on complex and controversial environmental issues. He has extensive experience in resource conservation planning and management, ecological studies, habitat assessment, species status assessments, distribution studies, endangered species recovery planning, recovery action implementation, and Endangered Species Act (ESA) compliance. He has served on multiple advisory teams associated with species conservation. His work has focused on utilizing sound scientific techniques and methods to resolve conflicts associated with species conservation and competing resource uses. Mr. Lentsch has produced more than 50 technical reports/publications. He holds a B.S. and an M.S. from Colorado State University.

## **Paul Leonard**

### ***Vice President, Technical Director Atlanta, GA***

Mr. Leonard is a senior project manager and Certified Fisheries Scientist and a recognized national expert in hydroelectric project licensing, NEPA compliance, and watershed studies. He has expertise in instream flow studies of large rivers that require modeling complex hydrologic and fisheries issues and assessing multiple alternatives and project operations scenarios. Mr. Leonard's watershed planning experience includes watershed characterization and study design, GIS mapping and analysis, water quality and hydrologic analysis and modeling, stream habitat and biological assessment, non-point source pollution BMPs and control strategies, managing expert panels and consensus-building. Mr. Leonard has served as expert witness for water withdrawal and permitting cases, provided expert testimony preparation for instream flow issues and water adjudication, and provided technical review of the work of others for hydroelectric and other water resource projects. Mr. Leonard has more than 24 published peer-reviewed papers and holds a B.S. from Allegheny College and an M.S. from Virginia Polytechnic Institute and State University.

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## **Doug J. MacNair, Ph.D.**

### ***Vice President Raleigh, NC***

Dr. MacNair has over 25 years of experience as an environmental economist with an extensive background in natural resource damage assessment. He has managed numerous human-use NRD assessments involving both original data collection and benefits transfer techniques. He has designed recreational surveys, managed large-scale data collections, designed and estimated econometric models, and participated in negotiations with trustees. Dr. MacNair has also participated in several property diminution and unjust enrichment cases. He has prepared expert reports and developed hedonic models to evaluate the potential impact of groundwater contamination on residential property values. His research has been published in Land Economics, Forest Economics, and Marine Resource Economics. Prior to specializing in environmental economics, Dr. MacNair was Associate Director, Economic Research for the NASDAQ over-the-counter stock market. Dr. MacNair holds a B.A. from State University College at Fredonia, an M.A. from the University of New York, Binghamton, and a Ph.D. from North Carolina State University.

## **Robert B. McKusick, Ph.D.**

### ***Vice President, Senior Principal, Strategic Development Director Vancouver, WA***

Dr. McKusick is a nationally recognized expert in water and natural resource planning and evaluation. He has over 36 years of experience in natural resource economics research and project management, including economic analysis of water resources, benefit-cost analysis, economic base studies, transportation pricing, land-use analysis, comprehensive natural resource planning, water and energy conservation, agricultural development, and damage analysis and valuation. He has testified in 28 litigation cases, involving Indian water rights, economic feasibility, energy development and use, agricultural damages, ESA, interest rates, beneficial use of water, and water allocation. He has also served as an economic expert and technical team leader for negotiations related to water rights, damage claims, water leasing and marketing, and land settlements. Dr. McKusick holds a B.S., M.S., and a Ph.D. from the University of California at Davis.

## **Ralph K. Markarian, Ph.D.**

### ***Vice President, Technical Director, Senior Principal New Castle, DE***

Dr. Markarian's areas of expertise include natural resource damage assessment, aquatic toxicology, ecological risk assessment, and risk management. He has more than 30 years of experience in ecological site assessments associated with exposures to oil products, polyaromatic hydrocarbons, metal contaminants, PCBs, and dioxins. Dr. Markarian has been the principal scientist in more than 20 natural resource damage cases. He has provided technical and strategic support for cases involving Clean Water Act, Oil Pollution Act, and CERCLA matters. He is a member of the Society of Environmental Toxicology and Chemistry, has presented papers on the environmental impacts of hydrocarbons, and served as a scientific consultant to government agencies as well as to industrial associations. He holds a B.S. from the University of Rhode Island, an M.S. from Washington State University, and a Ph.D. from The Pennsylvania State University.

## **Paul M. Mehrle, Ph.D.**

### ***Senior Vice President, Managing Director Columbia, MO***

Dr. Mehrle's area of expertise is environmental toxicology and ecological risk assessment, specifically in the fate and effects of chemicals including petroleum hydrocarbons, pesticides, PCBs, dioxins, and metals. He has over 30 years of experience in international regulatory compliance of chemicals in aquatic and terrestrial habitats. Dr. Mehrle has over 70 scientific publications and has been an invited participant in numerous international conferences. He is a member of the American Chemical Society and served as president of the Society of Environmental Toxicology and Chemistry and editor of the international journal Environmental Toxicology and Chemistry. He has been a consultant and science advisor to global chemical manufacturers and national and international government organizations. Prior to joining ENTRIX, Dr. Mehrle spent 20 years as a research scientist with the U.S. Fish and Wildlife Service. He holds a B.S. from Rhodes College, and an M.S. and Ph.D. from the University of Missouri.

## **Franklin L. Mink, Ph.D.**

### ***Vice President/Technical Director Lake Orion, MI***

Dr. Mink has contributed to the development of government regulations, public policy, and fundamental research concerning adverse occupational/environmental health affects for more than 30 years. Dr. Mink received national recognition for his work as a Research Toxicologist for the USEPA, Health Effects Research Laboratory on in-vivo production of carcinogens with exposure to chlorinated water supplies. As USEPA Chief of Health and Environmental Effects Documentation Section, he assisted the development of the Superfund Public Health Evaluation Manual and associated criteria. Dr. Mink assisted the formulation of the Risk Assessment Guidelines of 1986, as well as many other USEPA national risk policy documents. Dr. Mink was awarded the Congressional Medal of Freedom for his contributions to public policy in the field of environmental health research. He has worked on more than 60 depositions/trials, either providing or supervising expert testimony. Dr. Mink holds a B.S., M.S. and Ph.D. from the University of Cincinnati.

## **John Phillips**

### ***Vice President, Technical Director Okemos, MI***

Mr. Phillips has more than 30 years of experience in Environmental Health and Safety. As a Global Director at one of the largest chemical companies in the world, he led the development and implementation of strategic plans to assure the safe use of chemicals in commerce, advance science-based chemical policy and improve industry performance and reputation. Mr. Phillips has provided expert testimony on hazard communications. His work also included the development of global product stewardship and regulatory compliance programs, advocacy with the United Nations European Union, US EPA, and with various U.S. states. Mr. Phillips was instrumental in the development and implementation Responsible Care®, a voluntary initiative of the global chemical industry focused on improving performance, communication and accountability, through the American Chemistry Council and the International Council of Chemical Associations. Mr. Phillips has a B.S. from Saginaw Valley State University and is a registered Clinical Laboratory Scientist with the American Society of Clinical Pathology.

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## **Ann M. Redmond, C.E.P.**

### ***Senior Consultant Tallahassee, FL***

Ms. Redmond is an authority on watershed-scale regulatory and planning solutions; wetland mitigation; cumulative impacts, habitat, and ecosystem services assessments; and restoration planning frameworks. Ms. Redmond spent 11 years as Florida Department of Environmental Protection's expert on mitigation and mitigation banking, leading the development and implementation of rules and legislation in these areas. She was the private sector representative on the NRC Committee on Mitigating Wetland Losses which studied Section 404 regulatory wetland mitigation and upon whose report the federal mitigation rules are based. She has been proffered as an expert regarding state water quality standards, ecological site assessment, plant ecology, wetland ecology, wetland permitting policy and laws, and mitigation and mitigation banking policy and laws. Ms. Redmond has published 18 peer-reviewed papers, and given more than 70 presentations or classes on mitigation, mitigation banking, regulatory issues and ecosystem services. She holds a B.S. and an M.S. from Florida State University.

## **Patrick Ritter**

### ***Senior Consultant Concord, CA***

Mr. Ritter is a registered civil engineer with over 30 years of environmental consulting experience. He has provided consulting and design services on a wide range of environmental engineering assignments, including hazardous waste cleanup, site closure, due diligence, and permitting. He has directed environmental impact assessments on many residential, commercial, and industrial projects. His CEQA/NEPA experience includes utilities and linear projects, large, multi-state projects, and energy development. He also has extensive experience in hydrology and water quality assessments, hazardous waste investigations including Phase I and II's, remedial design, and engineering cost estimation. He has served as expert witness on many cases, including cost allocation and recovery, toxic tort, fate and transport, responsible party identification, due diligence, water supply, and CERCLA. Mr. Ritter holds a B.S. from the University of Wisconsin and an M.S. in Civil Engineering from Stanford University.

## **Gordon A. Robilliard, Ph.D.**

### ***Vice President, Technical Director Gig Harbor, WA***

Dr. Robilliard's primary areas of expertise are natural resource damage assessments for oil spills and contaminated sites, and ecological impact assessment in marine/estuarine ecosystems. He has more than 38 years of experience as a consulting scientist, mainly in marine and estuarine environments of the Pacific, Alaska and arctic coastal states. Dr. Robilliard is a nationally recognized expert who has been instrumental in the development and application of more than 75 NRDA's in oil spills since 1984, and more recently, at federal and state Superfund sites. He has been an integral member of several NRDA teams composed of lawyers, managers, economists, engineers, and scientists whose goal was strategic planning and/or settlement negotiations. He has testified or been deposed as a technical expert in oil and chemical spill cases, and provided testimony in numerous public hearings. He holds an M.S. and a Ph.D. from the University of Washington.

## **John D. Schell, Ph.D.**

*Vice President, Technical Director  
Houston, TX*

Dr. Schell has more than 20 years of environmental assessment experience, focusing on human health and ecological impacts of PCBs, dioxins, volatile organic, chlorinated pesticides, and metals. He has experience performing human health and ecological risk assessments under Superfund, RCRA, and state Risk-Based Corrective Action (RBCA) programs. His experience also includes assisting firms with product safety and compliance issues in the U.S. and Europe. Dr. Schell has presented to international scientific and regulatory bodies, and has provided Congressional briefings concerning the use of risk assessment in developing cleanup strategies. He has held adjunct teaching positions at the University of South Florida and the University of Florida. Dr. Schell is a member of the USEPA Pesticide Program Dialogue Committee and has been qualified as an expert in toxicology in both federal and state courts. He holds a B.S. from the University of South Florida, and a Ph.D. from Rutgers University.

## **John P. Slocomb, Ph.D.**

*Senior Consultant  
Houston, TX*

Dr. Slocomb has 35 years experience in risk assessment, environmental impact analysis, natural resource management, due diligence, statistical analysis and modeling. He has provided technical support to corporate regulatory affairs officers and expert testimony in environmental litigation. Dr. Slocomb has numerous scientific publications in the area of environmental statistics and has been an invited speaker before the Ohio Statistical Conference. He is a member of the SETAC and the American Statistical Association. He provides statistical design and analysis support for PCB remediation investigations, risk assessments, and NRDA studies. Dr. Slocomb was a principal consultant to industry and government agencies and for 16 years, was a senior scientist with International Paper. He holds a B.S. from Ohio University and a Ph.D. from Virginia Polytechnic Institute and State University.



## **James Teitt**

*Senior Vice President, Managing Director  
Marysville, OH*

Over the last 30 years, Mr. Teitt has been responsible for planning, market analysis, siting or licensing over 24,000 MW of power in the U.S. He has directed multiple environmental, economic, social engagement, public relations, and engineering services contracts for fossil, nuclear, and hydroelectric power, bulk power transmission systems, and fossil fuel supply initiatives. Mr. Teitt has been a testifying expert on a broad range of energy issues including power supply planning, facility siting, licensing, need for power, alternatives, decision analysis, environmental impact and permitting, and mitigation in adjudicatory hearings before the MD PSC, the NRC and the FERC, and as a qualifying expert on water appropriation, flow management and water chemistry. He holds a B.S. and an M.S. from Virginia Polytechnic Institute and State University.

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## **Rob Thomson**

### ***Vice President, Technical Director Santa Barbara, CA***

Mr. Thomson has 30 years of experience as a senior project manager and aquatic ecologist addressing regional and state-wide issues involving water supply and water use in the Southwest. He has extensive experience directing the preparation of defensible environmental impact analyses, endangered species compliance documents, and environmental restoration planning efforts on large and small projects for water clients, as well as for the Department of Defense (DOD) and the Department of Energy (DOE). As a facilitator, Mr. Thomson has represented a water users authority in their attempt to reach a technical settlement with a coalition of environmental organizations led by the NRDC. Mr. Thomson holds a B.S. and an M.S. from the University of California at Davis.

## **Timothy J. Thompson, P.G.**

### ***Vice President Santa Barbara, CA***

Mr. Thompson has 24 years of experience in water resource science, litigation support, regulatory issues and project management. He has extensive knowledge of local, state and federal regulations and policies, and a detailed understanding of the roles and responsibilities of governmental agencies at various levels. He is active in numerous groundwater and stormwater projects for both public-sector and private-sector clients focused on water quality issues; water rights; water resource planning; water quantity and water quality modeling; conjunctive use and artificial recharge; constructed wetlands; stormwater and surface water quality modeling and monitoring; stormwater treatment, TMDL and BMP evaluation; and regulatory compliance. Mr. Thompson has been an expert witness for plaintiffs and defendants in both the public and private sector. He has published numerous technical articles and peer-reviewed papers on groundwater and wetlands. Mr. Thompson holds a B.S. from the University of California, Los Angeles and an M.S. from the University of California, Santa Barbara.

## **Theodore D. Tomasi, Ph.D.**

### ***Vice President, Technical Director New Castle, DE***

Dr. Tomasi, a natural resource economist with 20 years of experience, is an internationally recognized expert in his field. His research has been directed primarily to the valuation of natural resources and environmental change, as well as the impact of risk and uncertainty on natural resource value and use. He has pioneered the development and application of state-of-the-art valuation methods in natural resource damage assessments and other settings, and has provided expert testimony and litigation support for industry and for federal and state governments. Prior to joining ENTRIX, Dr. Tomasi was a principal of Environmental Economics Research Group, and served on the faculties of several major US universities. Dr. Tomasi's published articles have appeared in several books and in leading natural resource economics journals. He holds a B.A. and an M.A. from the University of Colorado, and a Ph.D. from the University of Michigan.

## **Daniel R. Tormey, Ph.D., P.G.**

### ***Vice President, Senior Principal Ventura, CA***

Dr. Tormey has supported litigation and arbitration proceedings in the fields of geology, hydrogeology, water quality, air quality, fate and transport analysis, site remediation, sediment transport analysis, and geochemistry. He has advised on insurance matters such as the sudden and accidental exception to the pollution exclusion, expected and intended outcomes of site activities, owned-property exclusion issues,

technical adequacy and cost of work performed. Dr. Tormey conducts environmental site assessments in multi-aquifer settings, linked groundwater-surfacewater systems, estuarine, and coastal environments. He has performed field investigations, analysis, and environmental modeling in support of numerous environmental permit applications. He was appointed by the National Academy of Sciences to a national Science Advisory Board, is on the UNESCO World Heritage Site List review committee, and is an Executive in Residence at Cal Poly University in San Luis Obispo. Dr. Tormey holds a B.S. from Stanford University and a Ph.D. from the Massachusetts Institute of Technology.

## **Dana L. West**

### ***Senior Vice President, Managing Director Sarasota, FL***

Mr. West has expertise in environmental permitting, surface water design, wetland and marine ecology, water resource management and permitting, and mitigation design. His background includes federal, state, and regional permitting, wetland delineation, and hydrology, with particular expertise in developing economical and innovation solutions to natural resource management and permitting problems. He has been instrumental in the development and training of both private and agency personnel and has had broad experience in environmental rule and policy development. Mr. West has served as an expert witness in a broad range of administrative arenas, including regulatory challenges and eminent domain. He has been qualified as an expert in environmental permitting, water resources, wetlands, jurisdictional determinations, land development, environmental assessments, and other related areas of specialization. Mr. West has published peer review papers and has given many professional presentations. He holds a B.S. and an M.S. from Auburn University.

