



# EXCALIBUR GROUP, LLC

ENVIRONMENTAL CONSULTANTS, ENGINEERS & LIABILITY MANAGEMENT EXPERTS

## CORPORATE OFFICERS

**Stephen L. Wendt, Managing Partner.** Mr. Wendt has over 35 years of experience identifying, defining and resolving environmental contamination and related liabilities for industrial, commercial, investor, insurance, legal and municipal clients. He specializes in environmental liability/ asset and site closure management, providing critical problem definition / analyses leading to innovative, significant bottom-line client cost savings. He holds a B.S. in Biology and a M.S. in Microbiology from Virginia Polytechnic Institute and State University. He has personally conducted over 1,000 detailed on-site assessments of industrial and commercial facilities on 5 continents, and supervised project teams to pinpoint environmental risks, quantify financial and regulatory liabilities, and develop / implement winning solutions. As a Senior Technical Advisor on a wide range of strategic, high-level facility closure, remediation, due diligence, insurance claim and divestiture challenges, he has a demonstrated track record of helping clients avoid unnecessary and unreasonable costs while exceeding their business objectives. As inner-circle environmental due diligence and site closure consultant on strategic industrial/ site development investments cresting \$100M or more, Mr. Wendt has helped corporate clients discover and avoid significant, otherwise unknown business obligations and cost liabilities as high as \$50M. He has served as long-term point of contact and Senior Liability Asset Manager Advisor to major corporations and environmental fund providers, frequently identifying more effective and timely strategies directly leading to several millions of dollars in client cost savings.

Mr. Wendt has headed major due diligence and other investigations focused on providing critical analyses and remedial cost information within compressed schedules. He is a proven manager of multidisciplinary teams, having led many complex environmental assessment and audit projects with teams of up to 50 professionals, innovative environmental engineering/remediation assignments, key industrial siting programs, and several other value-added client business initiatives. He has spearheaded successful negotiations with various environmental regulatory



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agencies, directed teams engaged in identifying remedial solutions most compatible with clients' business needs, and written and published many articles on environmental topics. Mr. Wendt has also consulted international and domestic manufacturers and investors on planning, locating, designing, constructing, and permitting major industrial facilities in the U.S.

As an Industrial Investigator for an environmental enforcement division, he helped develop and implement industrial wastewater pretreatment, monitoring, and waste management protocols in compliance with the Clean Water Act and local and state discharge requirements. As an Environmental Field Microbiologist on National Institutes of Health grants, Mr. Wendt conceptualized and implemented pioneering field investigations and sampling methodologies and made major epidemiological breakthroughs which helped solve unique human infection patterns. He served as Field Research Team Leader in Antarctica for the National Science Foundation (NSF) to conduct environmental impact studies and model unique ecosystems. For his significant research contributions he received the NSF Antarctic Service Medal of the United States and the NSF Exploration and Scientific Achievement Award. He holds a B.S. in Biology and a M.S. in Microbiology from Virginia Polytechnic Institute and State University. Mr. Wendt supports **EXCALIBUR's** Due Diligence and Technical Expertise service areas and leads **EXCALIBUR's** Environmental Liability and Asset Management practice.

**Bryan Roberts, P.G., Principal Geologist.** Bryan Roberts has over 30 years of experience as a hydrogeologist and project manager designing, implementing, managing, and budgeting complicated groundwater, soil, and underground storage tank (UST) investigations, and serving as a Program Manager and a Senior Environmental Claims Assessor serving major environmental insurance providers, claims management providers, and federal, industrial and commercial clients. His project experience spans numerous industrial and commercial sites throughout the United



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States, characterizing the nature and extent of contamination with petroleum constituents, halogenated hydrocarbons, PCBs, metals, and other hazardous materials. He holds a B.A. in Geology from Western State College and is a M.S. candidate in Hydrogeology at San Jose State University, San Jose, California, and is registered as a Professional Geologist in Tennessee. Mr. Roberts' expertise in underground storage tank (UST) testing, characterization, removal, replacement, closure and remediation was recognized by several clients during his hands-on Project Manager and Lead Geologist/hydrogeologist on several large multi-facility UST management programs. In each of these multi-facility, UST programs, Mr. Roberts played the critical technical and project oversight role. Three such sample UST management programs managed by Mr. Roberts covered hundreds of USTs: a 7-year program for the U.S. Postal Service (over 100 USTs); a 5-year project covering USTs at over 200 telephone facilities in 10 states; and a program for the Washington D.C. Public School System (126 USTs).

Mr. Roberts has provided risk management guidance for dozens of environmental insurance policy quotes for commercial and industrial portfolios and sites worldwide. He leads Excalibur's team of environmental insurance risk assessment professionals in evaluating the potential of environmental insurance claims exceeding the self-insured retention for both new and pre-existing conditions, and has consulted on a range of topics such as policy eligibility, contamination sources, contaminant release timing, co-mingled releases, petroleum forensic dating, and other topics. His team routinely makes insightful and critical recommendations to clients on risk avoidance on Pollution Premises policies covering mergers and acquisition site portfolios, UST coverage portfolios, Contractor's Pollution Liability policies covering new construction and other environmental insurance instruments.

Mr. Roberts also supports insurance clients in the management of environmental claims to ensure efficient and effective spending under policy terms and conditions. His extensive hands on experience working in the environmental field to characterize, remediate and close sites has equipped him with what has been needed to save



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insurance clients millions of dollars in unnecessary or inappropriate work and/ or unreasonable billings for reimbursement.

Mr. Roberts has extensive experience managing environmental construction projects ranging from first-hand supervision of construction, demolition, utility installation, complex well installations, trenching, remedial system installations, system trouble shooting and start-ups, to other related environmental construction work elements. He has personally supervised the closure of over a hundred separate facilities with leaking USTs in multiple states. His broad based experience has enabled Mr. Roberts to gain extensive insights into cost effective field procedures which emphasize effective screening over more time consuming sampling programs. This experience has also enabled him to develop personal relationships with multiple state and federal environmental regulators often resulting in stream lined negotiations, facility closures, and permitting. He has received site safety officer training through personal safety Level A, and leads **EXCALIBUR's** Site Characterization and Environmental Liability Risk Assessment and Control practice. He holds a B.A. in Geology from Western State College and is a M.S. candidate in Hydrogeology at San Jose State University, San Jose, California, and is registered as a Professional Geologist in Tennessee.

**Eric P. Roberts, P.E., P.G., Principal Engineer.** Mr. Roberts is both a certified professional geologist and professional engineer with over 26 years of engineering, consulting, remediation, site assessment and closure, legal support / expert testimony, environmental liability management, insurance risk assessment and claims management and related environmental experience. He received a B.S. in Geology and an M.S. in Civil Engineering, both from the University of Maryland, and is registered as a professional engineer (P.E.) in Maryland, Virginia, Ohio, Connecticut and Pennsylvania. He has personally completed and managed the design, installation, and O&M of dozens of remediation systems and regulated site closures under RCRA, CERCLA, UST and other regulatory-driven projects in the United States and Europe.



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Mr. Roberts has applied his significant experience and technical skills to develop and negotiate very creative, yet practical, site closure solutions favored by his clients and the regulators alike. Consistent creation of such win-win scenarios have resulted from Mr. Roberts' ability to interpret detailed field investigation and site characterization results relative to identifying remedies most appropriate for his customers.

In pursuit of his clients' interests and advocacy, he has evaluated emerging and established remediation technologies to identify the most appropriate site-specific applications. Similarly, Mr. Roberts has also completed bench- and pilot-scale feasibility testing of numerous remedial and wastewater treatment technologies, designed the remediation systems, estimated construction and installation costs, developed construction bid specifications, managed construction, and performed system trouble-shooting and start-up for several types of soil and groundwater remediation applications. For many of these systems, Mr. Roberts has used his expertise to further control downstream costs by integrating the operation, maintenance, and monitoring components into the systems he designs and installs. This approach, which has often relied on the use of computerized telemetry remote sensing equipment tied into his office, has allowed him to optimize the performance of remedial systems while saving travel time and costs associated with more traditional, labor intensive manual approaches.

Mr. Roberts has directed and completed over 30 full-scale remediation system designs and installations for industrial, commercial and public clients, many which included the integration of combinations of proven and emerging technologies. Recent examples include: multi-phase extraction/treatment; air sparging/soil vapor extraction/treatment; enhanced in-situ and ex-situ bioremediation; in-situ chemical oxidation; selective excavation; in-well air stripping; and other technologies.

Mr. Roberts has nearly 20 years hands-on experience supporting the environmental insurance and related environmental fund industries, specializing in both technical and



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related business aspects of identifying, addressing, costing, verifying and managing environmental releases covered by some sort of insurance coverage. He has considerable experience in determining the eligibility and magnitude of environmental claims, assessing the reasonableness and appropriateness of technical measures proposed by claimants to address the spills, leaks and other releases, as well as providing much-needed engineering and remediation insights leading to notably cost effective remedies under coverage. He has also led scores of objective competitive bidding efforts for claim investigation and response actions by independent contractors, developed and totally let bid packages and coordinated with and advised clients on these competitive efforts to ensure technical completeness and value under available insurance and related coverages.

Mr. Roberts has published numerous technical articles and papers and is a principal author on of a recent text book on designing and implementing air sparging and soil vapor extraction technologies sponsored by the U.S. EPA, DOD, DOE, and the American Academy of Environmental Engineers. He received a B.S. in Geology and an M.S. in Civil Engineering, both from the University of Maryland, and is registered as a professional engineer (P.E.) in Maryland, Virginia, Ohio, Connecticut and Pennsylvania and certified as an Industrial-II Waterworks and Waste Systems Operator in Maryland. Mr. Roberts leads **EXCALIBUR's** Engineering & Remediation service area, and the company's Environmental Insurance and Claim Support service area, and provides senior level technical support to **EXCALIBUR's** other service areas.