
About the Editor

Kevin R. Murray is an environmental law partner with Holland & Hart, based in Salt Lake City, Utah. His practice focuses on managing environmental liabilities, repurposing real estate assets, and creating value through property remediation and planning. Considered one of the nation's leading redevelopment attorneys, he is known for his strategic approach to crafting innovative solutions that deliver maximum value for his clients ranging from the largest international corporations to individual landowners. Leveraging more than 35 years of expertise of successfully remediating and redeveloping complex projects, Mr. Murray deftly navigates agency jurisdictional challenges. He has been the lead attorney for billions of dollars of acquisition and development of environmentally challenged assets worldwide, including many Superfund sites.

Mr. Murray is a Fellow of the American College of Environmental Lawyers and an acclaimed adjunct professor of real estate development and finance at the University of Utah and Brigham Young University Law Schools, having taught since 1990. Mr. Murray's expertise has been recognized by leading legal and business organizations. He is well-published in many journals and periodicals, and a frequent speaker/lecturer on environmental law and real estate development issues. Mr. Murray was appointed by Utah Governor Huntsman to serve as a member of the Utah Solid and Hazardous Waste Control Board in 2005. He was appointed as board chair in 2011 and served in that role for four years. Mr. Murray has also held various executive leadership positions with the Urban Land Institute, the Dallas Bar Association, the Utah Bar Association, and other professional and civic groups.

About the Contributors

Chad C. Baker is a shareholder at Parsons Behle & Latimer where he helps clients manage environmental liabilities in real estate and commercial transactions, obtain and maintain permits, defend against agency enforcement actions, resolve disputes, and achieve sustainability objectives. Mr. Baker has represented innocent landowners, bona fide prospective purchasers and tenants, and potentially responsible parties at numerous Superfund sites, including the successful redevelopment of contaminated properties that included a master-planned residential and commercial community, elementary and postsecondary education buildings, a mine exploration project, and utility-scale solar project. Before joining Parsons Behle & Latimer, Mr. Baker held in-house roles with an international mining company and national environmental engineering firm. Mr. Baker holds a JD as well as a master's degree in environmental science and engineering. He currently serves on the executive committee and board of the National Ability Center, an adaptive organization making recreation and outdoor adventures accessible to people of all abilities; on the U.S. Bureau of Land Management's Utah Resource Advisory Council; and on the executive committee and board of the Utah Mining Association, where he is the past board chair; and is former co-chair of the National Mining Associations' water quality subcommittee.

Adrienne J. Bell is a partner with the law firm of Holland & Hart LLP in Salt Lake City, Utah. Her practice focuses on helping clients in a variety of industries on matters related to real estate, land use, and development. As a strategic real estate development advisor, Ms. Bell draws on her experience as a community planner and development director to provide clients with valuable perspective and insight to navigate obstacles, evaluate risks, and complete transactions. She regularly represents real estate developers and builders, traditional and renewable energy companies, hotels and resorts, and health care companies. She also advises clients in the renewable energy industry on complex real estate matters that arise in connection with the development of utility-scale renewable energy projects. Ms. Bell received her law degree from the University of Utah S.J. Quinney College of Law. Prior to her law career, Ms. Bell served as a development director for a multi-million-dollar real estate development and construction company. She also earned a master's degree in urban planning and served as a community planner for the city of Baltimore.

Gregory A. Bibler is the founder of Bibler Law Firm, PLLC, a boutique environmental firm in Newburyport, Massachusetts. A veteran practitioner with more than 30 years of experience, he serves the needs and interests of a diverse range of clients throughout the country. His practice includes environmental litigation, enforcement, permitting and rulemaking, corporate compliance, contaminated site management, financial disclosure, and allocation of environmental risks in business transactions. Mr. Bibler has received top rankings from his peers, including *Chambers USA* (Band 1) and *Best Lawyers in America* (Massachusetts Lawyer of the Year in both environmental and environmental litigation). He was elected to the American College of Environmental Lawyers in 2013.

Sara C. Bronin is the Thomas F. Gallivan Chair in real property law at UConn Law School, specializing in property, land use, historic preservation, and sustainability law. She serves as an advisor to the National Trust for Historic Preservation, a board member of Latinos for Heritage Conservation, and a board member of the Sustainable Development Code. Professor Bronin has chaired Preservation Connecticut and served as vice chair of Hartford's

Historic Properties Commission. As chair of Hartford's Planning and Zoning Commission, she has led a national award-winning zoning code overhaul, and she has served as lead author of the city's housing code, climate action plan, subdivision and inland wetlands regulations, and comprehensive plan. She was educated at Yale Law School (Truman Scholar), Oxford (Rhodes Scholar), and the University of Texas.

Thomas S. Burack is a shareholder of more than 20 years in Sheehan Phinney Bass + Green in Manchester, New Hampshire. Tom counsels clients on site remediation, brownfields, permitting, and environmental compliance. Serving as commissioner of the New Hampshire Department of Environmental Services from 2006 to 2016, he helped direct the state's response to PFAS contamination. Mr. Burack has deep experience in addressing legal, technical, and management challenges associated with contaminated sites and media, and is a frequent speaker and author on site remediation and redevelopment topics. He helped craft the state's brownfields statute, RSA 147-F, in 1996. He served as the first state co-chair of E-Enterprise for the Environment, a shared governance approach among U.S. EPA, states, and tribal governments to modernize and streamline the business of environmental protection and regulation. Mr. Burack is a fellow of the American College of Environmental Lawyers, a Harry S. Truman Scholar, and served as law clerk to the Honorable David H. Souter on the Supreme Court of New Hampshire, and as legislative assistant for environmental matters to U.S. Senator Gordon J. Humphrey.

Gerard A. Caron is chief counsel SH&E for Cabot Corp., based in Boston, Massachusetts. Cabot Corp. is a global specialty chemicals company with approximately 45 facilities in more than 20 countries. Mr. Caron is responsible for managing all environmental, safety, and health legal issues for the company. Mr. Caron oversees the environmental due diligence on new acquisitions and he negotiates the environmental terms for new acquisitions and divestitures on behalf of the company. He also provides compliance advice to the various businesses and advises on permitting strategies for expanding manufacturing facilities in the United States and global locations. Prior to joining Cabot Corp., Mr. Caron was a partner at Goodwin Procter LLP.

Margo R. Casselman is an attorney with Perkins Coie LLP and practices environmental and complex commercial litigation. Her environmental litigation work has included cases brought under the federal Superfund Act and the National Environmental Policy Act. Before joining the firm, Ms. Casselman clerked for the Honorable David G. Campbell of the U.S. District Court for the District of Arizona and the Honorable Mary H. Murguia of the U.S. Court of Appeals for the Ninth Circuit. She graduated summa cum laude in 2017 from the University of Arizona Law School, where she was awarded Order of the Coif and the class of 2017 Highest Academic Achievement Award and served as an articles editor of the *Arizona Law Review*. She earned her BA in business, summa cum laude, from Arizona State University in 2014.

Abbi L. Cohen is an environmental transaction partner in the Corporate and Securities practice at the global law firm Dechert LLP. She has been recognized as a leading environmental lawyer by *Chambers USA* for more than 15 years, and focuses her practice on evaluating environmental liabilities associated with corporate, real estate, and financing transactions—including with respect to energy—and providing both state and federal permitting and regulatory compliance advice. Ms. Cohen has provided environmental advice with respect to thousands of business transactions. She has also advised clients on structuring transactions to minimize environmental liabilities, negotiating strategies, and in preparing relevant provisions in transaction documents in connection with acquisitions, divestitures, and financings. She has participated in supervising environmental consultants throughout North America, South America, Europe, and Asia.

Kylie J. Crandall is a partner with Holland & Hart LLP in Boulder, Colorado, where her practice focuses on real estate, water and project development, including acquisition, financing, water and land-use planning, development, leasing, managing, and operating. She regularly assists clients throughout the life cycle of real estate and water development projects, and negotiates the contracts required for every stage, including contracts for acquisition, disposition, lease, preservation and conservation, and day-to-day operation. Ms. Crandall also handles all facets of water law, including guiding clients through water court litigation and related administrative proceedings, and assists in water quality and related environmental review and compliance. Her client base includes a wide range of individuals and industries, from developers, municipalities, other governmental entities, lenders, natural resource, and energy companies to small business owners and farming and ranching families.

Todd S. Davis is the chief executive officer of Hemisphere Brownfield Group LLC and Hemisphere Brownfield Consulting LLC. Mr. Davis focuses his work on all aspects of redeveloping contaminated property and the environmental aspects of real estate transactions. In this role, he has actively acquired numerous sites for Hemisphere's portfolio and provided strategic advice in hundreds of transactions, including a number of the nation's largest and most sophisticated brownfield redevelopments. Mr. Davis has been widely published in treatises, periodicals, and newspapers. He is the principal author of an extensive 1,100-page treatise on redeveloping brownfield sites nationally, entitled *Brownfields: A Comprehensive Guide to Redeveloping Contaminated Property* (3d ed. 2010), published by the American Bar Association (ABA). He has contributed to a number of national publications on environmental law, including the Urban Land Institute's book on brownfield redevelopment and *Implementing Institutional Controls at Brownfields and Other Contaminated Sites* (2d ed. ABA 2012).

Andrea Driggs is an attorney with Perkins Coie LLP, where she represents industrial, commercial, and municipal clients on environmental litigation and regulatory matters, focusing on mining, groundwater contamination, complex infrastructure siting, and contaminated site remediation. Andrea's environmental litigation practice includes advising on CERCLA and NEPA matters and permit challenges. Andrea is licensed to practice in Nevada, California, and Arizona. She holds a master's degree in environmental epidemiology and policy from the University of London, which she completed as a Marshall Scholar. There, she focused her master's project on air pollution. Before attending law school, she also worked as an epidemiologist for Los Angeles County. She has a bachelor's degree in biology, and her Honors College thesis was on the biogeochemistry of nitrogen.

Amy L. Edwards is a partner in the Public Policy and Regulation Group of Holland & Knight LLP, where she co-chairs the firm's national Environmental Team. Ms. Edwards has been practicing environmental law for more than 35 years. She routinely counsels developers, lenders, and corporations about strategies for structuring real estate and corporate transactions to minimize environmental and financial risk. She has written extensively and speaks regularly at national conferences on due diligence, brownfields, institutional control, climate change, stormwater, and sustainability issues. She is a past chair of the ABA Section of Environment, Energy, and Resources (SEER) and a fellow in the American College of Environmental Lawyers (ACOEL). She is the editor and lead author of the ABA's book, *Implementing Institutional Controls at Brownfields and Other Contaminated Sites* (2d ed.). Ms. Edwards was an advisor to the National Conference of Commissioners on Uniform State Laws during its development of the Uniform Environmental Covenants Act (UECA). She received her JD from the George Washington University Law School and her AB from Smith College. She is a member of the District of Columbia, Maryland, and Virginia bars.

Pamela K. Elkow is a partner with Carmody, Torrance, Sandak & Hennessey, LLP, and represents clients in remediating or redeveloping brownfields; purchasing or selling businesses or real estate with significant environmental liabilities or challenges; obtaining permits; providing environmental, health, and safety compliance counseling; and responding to governmental enforcement. Her clients include large companies engaged in the remediation of legacy properties, real estate investors acquiring and remediating contaminated property for investment or resale, and municipalities engaged in redevelopment efforts. A fellow of the American College Environmental Lawyers, Ms. Elkow is also a past member of the ABA's Section of Environment, Energy, and Resources' Council, and a past chair of the Section's Environmental Transactions and Brownfields Committee. She is a frequent lecturer and writer on environmental issues for audiences such as developers, environmental consultants, and other lawyers.

David B. Farer is co-chair of the Environmental Department at Greenbaum, Rowe, Smith & Davis LLP, and resident at the firm's Roseland, New Jersey, office. A nationally renowned environmental lawyer, Mr. Farer previously chaired the Environmental & Brownfields practice group at Farer Fersko, where he established that firm's environmental practice in 1984. Mr. Farer focuses on the impact of environmental laws on transactions and real property in New Jersey and around the nation, and litigation arising from these issues. He has been on the cutting edge of developments in the environmental law sector since the 1980s, has written and lectured extensively, and is a past president of the American College of Environmental Lawyers (ACOEL). He is currently co-chair of ACOEL's International Pro Bono Committee, and recently facilitated the college's first MOU with a Cuban environmental foundation. In 1987, Mr. Farer developed the American Law Institute-American Bar Association (now ALI CLE) national course of study, "The Impact of Environmental Law on Real Estate and Business Transactions," a course he then chaired for more than 25 years, lecturing and contributing to the annual course materials. Mr. Farer has served as special master in environmental lawsuits in New Jersey. He is a qualified mediator under New Jersey court rules. He has also been selected by the U.S. District Court, District of New Jersey, to serve on the District's Panel of Mediators, and has been appointed to a third consecutive term on the panel.

Murray D. Feldman is a partner with Holland & Hart LLP in Boise. He has more than 30 years of experience representing project developers, state and local governments, landowners, and others in high-profile Endangered Species Act, NEPA, public lands, cultural resources, and general environmental litigation and administrative matters in the western United States and nationwide, including National Historic Preservation Act consultations, programmatic agreements, and compliance. He also represents parents under the 1980 Hague Convention on the Civil Aspects of International Child Abduction. Murray is the current board chair of the Idaho Humanities Council and chair of the Idaho State Bar Environment and Natural Resources Section. He received his JD from the University of California, Berkeley School of Law, and his MS degree from the University of Idaho College of Natural Resources.

David E. Gee is a shareholder of Parr Brown Gee & Loveless, a Salt Lake City, Utah, law firm where he practices real estate law and finance. He primarily represents developers and owner/users, and his practice focuses on entity structuring, tax planning, land use, and public/private partnerships. He has headed up the Parr Brown real estate team on numerous projects where his clients have remediated and redeveloped former industrial, mining, smelting, and transportation sites for mixed use, recreation, and institutional projects. He is a graduate of the University of Utah S.J. Quinney College of Law and has served as an adjunct

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Michael B. Gerrard is Andrew Sabin Professor of Professional Practice at Columbia Law School, where he teaches courses on environmental and energy law and founded and directs the Sabin Center for Climate Change Law. He was also chair of the faculty of Columbia's Earth Institute from 2015 to 2018. Before joining the Columbia faculty in January 2009, he was partner in charge of the New York office of the Arnold & Porter law firm; he is now senior counsel to the firm. He practiced environmental law in New York City full time from 1979 to 2008. He was the 2004–2005 chair of the American Bar Association's Section of Environment, Energy, and Resources. He has also chaired the Executive Committee of the New York City Bar Association, and the Environmental Law Section of the New York State Bar Association. Since 1986, Gerrard has written an environmental law column for the *New York Law Journal*. He is author or editor of 13 books, two of which were named Best Law Book of the Year by the Association of American Publishers: *Environmental Law Practice Guide* (12 volumes, 1992) and *Brownfields Law and Practice* (four volumes, 1998). Among his other books are *Global Climate Change and U.S. Law* (with Jody Freeman) (2d ed. 2014); *Law of Clean Energy* (2011); *The Law of Adaptation to Climate Change* (with Katrina F. Kuh) (2012); *Climate Engineering and the Law: Regulation and Liability for Solar Radiation Management and Carbon Dioxide Removal* (with Tracy Hester) (2018); and *Legal Pathways to Deep Decarbonization in the United States* (with John Dernbach) (2019).

Heidi S. Glance is a tax partner at Holland & Hart LLP, a full-service Am Law 200 firm that delivers integrated legal solutions to clients of all sizes in a diverse range of industries. Heidi advises clients concerning charitable planning and regarding federal income tax issues associated with structuring, operating, acquiring, and disposing of all types of for-profit, nonprofit, and tax-exempt entities. She has assisted numerous clients with the conservation of their properties through grants of conservation easements. Regularly recognized among The Best Lawyers in America® for Tax, Heidi has practiced at Holland & Hart for 30 years and holds an LLM from the University of Denver, a JD from the University of Michigan, and a BA from Case Western Reserve University.

Alan M. Glen is a partner in Smith Robertson LLP. Mr. Glen has widely recognized expertise in various areas of federal environmental law, including the Endangered Species Act (ESA), the Migratory Bird Treaty Act (MBTA), the Bald and Golden Eagle Protection Act (BGEPA), the Clean Water Act (CWA), the National Environmental Policy Act (NEPA), and the National Historic Preservation Act (NHPA). Mr. Glen served as vice-chairman for the steering committee of the Balcones Canyonlands Conservation Plan, a regional habitat conservation plan in central Texas. He was also president of the board of directors of the Real Estate Council of Austin (1997) and received their “Distinguished Contribution Award” in 1996.

W. Warren Hamel leads the Investigations and White Collar Defense Practice at Venable LLP. Prior to joining Venable, Mr. Hamel served as an assistant U.S. attorney in the U.S. Attorney's Office for the District of Maryland from 1990 to 2002, and was chief of the Environmental Crimes and Enforcement Unit in that office from 1997 through 2001. As a federal prosecutor, he was responsible for investigation and prosecution of a broad variety of criminal cases and litigation of civil enforcement and defense cases under the Clean Water Act, Clean Air Act, RCRA, and the full range of other environmental and wildlife conservation statutes. Since joining Venable in 2002, Mr. Hamel has conducted internal investigations and

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Karl R. Heisler is a partner with King & Spalding LLP in Chicago, Illinois. He concentrates his practice on environmental enforcement, regulatory counseling, and litigation. A significant portion of his practice is dedicated to environmental transactions. He provides advice and counsel on due diligence and the availability of CERCLA defenses, and he negotiates representations, warranties, and indemnifications. As a respected thought leader, Mr. Heisler is frequently called on to comment, write, or speak about environmental issues for a host of publications and organizations, including the American Bar Association. He has been recognized by Super Lawyers, Legal 500 USA, Benchmark Litigation, and Law360 as a recommended practitioner. Mr. Heisler earned his BA in English from the University of Virginia and his JD from the University of Virginia School of Law.

Cullen Howe advocates for renewable energy as part of the Climate & Clean Energy program at the Natural Resources Defense Council. Previously, he was senior attorney and New York office director at Acadia Center, where he focused on clean energy policy in New York. He holds a JD and a master's in environmental law from Vermont Law School and a bachelor's degree from DePauw University.

Jennifer S. Huntsman is Of Counsel with Holland and Hart LLP, and has helped commercial landlords, tenants, and real estate developers (both public and private) successfully navigate a complex array of environmental regulatory, remediation, and permitting challenges in real property development, repurposing, and purchase, sale and leasing transactions at sites across the country, from commercial office space to multifamily residential developments and utility-scale renewable energy projects. Ms. Huntsman has significant expertise in CERCLA, RCRA, state hazardous waste laws, the Clean Water Act, and other environmental statutes. She has guided property owners and tenants through state environmental cleanup programs, putting former brownfields back to positive, profitable use. She is a frequent presenter on how to effectively manage environmental risks and liabilities in all types of transactions involving real property. Ms. Huntsman is also an adjunct professor at the S.J. Quinney College of Law at the University of Utah.

John M. Ix is a special counsel in the Corporate and Securities practice at the global law firm Dechert LLP. He advises clients on environmental terms in business transactions and regulatory compliance issues. He formerly served as co-chair of the Philadelphia Bar Association's Environmental Law Committee. Mr. Ix assists clients with managing environmental issues arising out of business transactions and real property transfers, including negotiating environmental provisions of asset and stock purchase agreements, securitization agreements, real property purchase & sale agreements and access agreements, and evaluating the sufficiency of environmental risk mitigants such as environmental insurance. Mr. Ix has also counseled clients on compliance with federal and state environmental laws, specifically assisting them in developing cost-effective solutions to site remediation and permitting issues.

Jay A. Jaffe is co-chair of the Environmental Department at Greenbaum, Rowe, Smith & Davis LLP. Mr. Jaffe concentrates his practice in environmental transactional and administrative law. He represents developers, property and business owners, landlords and tenants, manufacturers, and other clients on a broad range of environmental legal issues. Mr. Jaffe assists clients in the evaluation, allocation, and avoidance of liabilities under various federal

and state environmental laws, including New Jersey's Industrial Site Recovery Act, federal and state CERCLA statutes, underground storage tanks regulations, and the requirements of New Jersey's Licensed Site Remediation Professional program. He provides comprehensive counsel on compliance obligations and risk management options. Mr. Jaffe is highly knowledgeable regarding issues associated with the acquisition, cleanup, and redevelopment of contaminated properties and brownfield sites.

Sarah P. Jarboe is a partner at English Lucas Priest & Owsley, LLP, where she practices environmental law and civil litigation. She represents clients on environmental matters, including Clean Water Act section 404, NPDES permitting, CAA, and Superfund. Her practice includes environmental litigation, permitting, regulatory interpretation, enforcement, and negotiations with federal and state agencies. Ms. Jarboe was one of 12 attorneys nationwide selected to participate in the American Bar Association's Section of Environment, Energy, and Resources' (SEER's) Leadership Development Program (2014–2015). She served on SEER's 2016, 2017, and 2020 Fall Conference Planning Committees. Ms. Jarboe graduated from Vanderbilt University Law School, where she was managing editor of the *Environmental Law and Policy Annual Review Journal*. Before joining ELPO, she served as a law clerk for Kentucky's Supreme Court Chief Justice.

Laurence S. Kirsch is a partner at Sidley Austin LLP in Washington, D.C., where his environmental practice emphasizes complex contaminated sites, including CERCLA, RCRA, TSCA, sediments, vapor intrusion, risk assessment, and the interaction of environmental law with bankruptcy. His litigation victories include three decisions from the D.C. Circuit overturning listings of sites on the National Priorities List. Mr. Kirsch graduated from Harvard Law School, where he served as managing editor of the *Harvard Environmental Law Review*. He earned his master's degree, emphasizing environmental policy, from the University of Pennsylvania, and his bachelor of applied science, summa cum laude, Phi Beta Kappa, from the College of Engineering and Applied Science of the University of Pennsylvania. He is listed in *Chambers USA: America's Leading Lawyers for Business, and Best Lawyers in America*.

Gregory E. Lindley is a senior partner of Holland & Hart, LLP, where he is a member of the firm's Corporate Practice Group, with a focus on securities law and mergers and acquisition. He has advised a variety of clients on public and private securities offerings, as well as compliance with the periodic reporting requirements of the Securities Exchange Act of 1934. Mr. Lindley is a graduate of Duke University School of Law, and has undergraduate and MBA degrees from Utah State University.

Roberta F. Mann is the Mr. & Mrs. L.L. Stewart Professor of Business Law at the University of Oregon School of Law. Mann teaches tax courses and property. Her scholarship focuses on the environmental impact of tax policy. After graduating from Arizona State University College of Law, Mann began her legal career with the Office of Chief Counsel of the Internal Revenue Service. She also served on the staff of the Joint Committee on Taxation. Mann holds an LLM in taxation from Georgetown University Law Center. She is a former council director of the ABA Tax Section and serves on the board of the American Tax Policy Institute.

April M. Medley is an associate at Parr Brown Gee & Loveless, a Salt Lake City, Utah, law firm, where she practices commercial civil litigation and environmental law. Ms. Medley advises clients on a broad range of legal issues, including breach of contract, fraud, tax disputes, and shareholder and partner disputes. She also represents developers with a focus on environmental permitting, compliance, and administrative challenges. Ms. Medley is a graduate of the University of Chicago Law School.

Letitia D. Moore is senior counsel with Holland & Knight's West Coast Land Use and Environmental Law Practice Group in San Francisco. Ms. Moore assists clients with complex environmental compliance and land-use matters associated with real estate development, urban planning, and brownfields redevelopment. Prior to joining Holland & Knight, Ms. Moore was a Section Chief in the U.S. Environmental Protection Agency Region 9 (Pacific Southwest) Office of Regional Counsel. Ms. Moore is an environmental attorney with more than 25 years of experience in environmental management, cleanup, compliance, and enforcement. Ms. Moore serves as advisor to, and past member of, the Executive Committee for the California Lawyers Association Environmental Law Section. She is the former mayor of the city of El Cerrito and served in elected and appointed office for 11 years.

Rebecca M. Powers is an associate at Smith Robertson LLP. Rebecca concentrates her broad real estate and transactional practice in the areas of commercial leasing, property sales, acquisitions, land development, and zoning. Her practice also includes providing advice in connection with environmental and regulatory compliance issues arising under the Endangered Species Act (ESA) and the National Environmental Policy Act (NEPA).

John C. Raffetto is a senior associate at Sidley Austin LLP in Washington, D.C., where he focuses on environmental litigation, particularly CERCLA and other matters related to complex contaminated sites, including related contractual disputes and cost allocation proceedings. He has also defended numerous class action lawsuits for clients in the financial services industry. Mr. Raffetto graduated summa cum laude from the Catholic University, Columbus School of Law, where he was a note and comment editor on the *Catholic University Law Review*. He earned his master's degree in education from the University of Pennsylvania and bachelor of arts from Wake Forest University with honors in history and English.

Hadassah M. Reimer is Of Counsel with Holland & Hart, LLP, in the firm's Jackson, Wyoming, office. Ms. Reimer's practice focuses on project permitting on public, private, and Indian lands. She assists a variety of energy, land development, and water resource development clients in navigating the complex layers of federal, state, and tribal environmental and cultural regulations. Ms. Reimer also defends these clients' project permits before the federal agencies and in federal court. In particular, Ms. Reimer specializes in cultural resource consultation requirements and compliance with federal and tribal laws for project development on Indian lands, writing and speaking regularly on these topics. Prior to joining Holland & Hart, Ms. Reimer completed a judicial clerkship with the Honorable William F. Downes (Ret.) of the U.S. District Court for the District of Wyoming, after graduating from the University of Wyoming College of Law.

Lamont R. Richardson is a shareholder of Parr Brown Gee & Loveless, a Salt Lake City, Utah, law firm, where he practices real estate law, real estate finance, and corporate finance. He primarily represents developers with a focus on land acquisition, land use, leasing, financing, and ultimately sales of developed property. He has represented developers in obtaining available governmental incentives, including tax increment financing and other tax credit or rebate programs, with various state and local governmental entities, including incentives obtained in connection with the development of several former brownfield properties. He obtained a BA in accounting from the University of Utah and his JD from the Wake Forest University School of Law.

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J.B. Ruhl is the David Daniels Allen Distinguished Chair of Law at Vanderbilt University Law School, where he also serves as director of the Program on Law & Innovation and co-director of the Energy, Environment, and Land Use Program. His research focuses on environmental and natural resources law, with special attention to endangered species protection, ecosystem services, adaptive management, and complex social-ecological-technological systems. His work in these fields has appeared in leading law journals, including *Stanford*, *California-Berkeley*, *Duke*, *Georgetown*, *Washington University*, *Minnesota*, *Harvard Environmental*, and *Ecology Law Quarterly*. Before joining the Vanderbilt faculty, he taught at Florida State University and Southern Illinois University, and he has been a visiting professor at Harvard and George Washington University. Prior to entering academia, he was a partner with Fulbright & Jaworski (now Norton Rose Fulbright) practicing environmental and land-use law in Austin, Texas. He received his JD from the University of Virginia, an LLM in environmental law from George Washington University, and a PhD in geography from Southern Illinois University. He is an elected member of the American Law Institute and the American College of Environmental Lawyers.

Thomas J. Sansone is a partner with Carmody Torrance Sandak & Hennessey LLP, and has practiced in the civil litigation arena for 34 years in a variety of business-related and personal disputes, including commercial, construction, and insolvency litigation. He has tried more than 90 cases in the state and federal courts and has argued before both the Connecticut Supreme and Appellate Courts. Mr. Sansone has served for 26 years on the Executive Committee of the Commercial Law & Bankruptcy Section of the Connecticut Bar Association, and has chaired that Section since 2018. Mr. Sansone's other publications include the annual review of commercial litigation for *The Connecticut Bar Journal* (2009, 2010) and co-authorship of the Thomson Reuters book, *Inside the Minds: Banking & Finance Litigation Strategies*. Mr. Sansone obtained his undergraduate and law degrees from Boston University.

Girair Simon is a lead associate at Booz Allen Hamilton within their Infrastructure, Energy, and Environment team, where he has worked since 2013. Mr. Simon has more than 13 years of professional experience as a policy, strategy, and environmental program management consultant in the defense industry. Mr. Simon specializes in mission sustainment requirements, encroachment management, and land-use policy. He also oversees delivery of strategic communications, data analytics, and technology capability incubation to help clients modernize infrastructure and facilities. Since 2015, Mr. Simon has served as an at-large member of Arlington County, Virginia's, Neighborhood Complete Streets Advisory Commission, helping Arlington establish and implement its Neighborhood Complete Streets program, while also serving as a member of the county's Neighborhood Conservation Program Review working group. Mr. Simon received his juris doctor from the George Washington University Law School and his bachelor of arts degree in philosophy from the University of Maryland, College Park. He lives in Arlington, Virginia, with his wife and two kids.

Joye Beth Spinks is an associate at English, Lucas, Priest & Owsley, LLP, in Bowling Green, Kentucky, concentrating in the areas of environmental law and civil litigation. She graduated from Boston University School of Law in 2019. As a law student, Ms. Spinks worked as a

legal intern in the Massachusetts Legislature for the chair of the Joint Committee on Environment, Natural Resources and Agriculture. Prior to attending law school, she taught biology and environmental science to high school students in rural Kentucky.

Nicholas Targ is a California-based environmental lawyer practicing with Holland & Knight's West Coast Land Use and Environmental Law Practice Group. He focuses on complex redevelopment projects, environmental compliance, and government advocacy. He also co-chairs Holland & Knight's national environmental team. Before joining Holland & Knight, Mr. Targ served as counsel and associate director to the U.S. Environmental Protection Agency's Office of Environmental Justice in Washington, D.C. Committed to service, Mr. Targ served on EPA's National Environmental Justice Advisory Committee, and co-founded the Howard University School of Law Environmental Law and Sustainability Program, where he also taught environmental law and environmental justice as an adjunct professor. He has also taught land-use law at UC Hastings. Mr. Targ lives in Portola Valley with his wife and son, and serves on the Town's Planning Commission.

Mary Ellen Ternes is a partner in the Oklahoma City office of Earth & Water Law, LLC, supporting a broad range of clients in regulatory counseling and enforcement defense, disaster preparedness and response, transactions and litigation, utilizing her prior experience as a chemical engineer in emergency response, environmental remediation, hazardous waste treatment, and incineration permitting for both the USEPA and industry. Ms. Ternes specializes in developing creative solutions to intractable compliance issues at the intersection of manufacturing, development, energy, and infrastructure regarding air and water quality, waste management and remediation. She co-authored the "The New Source Review Program" chapter in *The Clean Air Act Handbook* (2d, 3d, 4th eds., ABA) and *Air Pollution Control Technology Handbook* (2d ed., CRC Press). She serves on the editorial boards for the ABA Section of Environment, Energy, and Resources' *Natural Resources & Environment* and the American Institute of Chemical Engineers' *Environmental Progress & Sustainable Energy*. Ms. Ternes received her undergraduate degree in chemical engineering from Vanderbilt University, and her law degree from University of Arkansas at Little Rock School of Law. Ms. Ternes is a fellow of the American College of Environmental Lawyers, and AIChE, and a member of the ABA's SEER and Business Law Section, and the Arkansas, South Carolina, Oklahoma, and D.C. Bar Associations.

Christopher D. Thomas is a partner at Perkins Coie, LLP, resident in Phoenix. His practice includes regulatory and litigation work in the areas of complex infrastructure permitting, natural resources and public lands, enforcement defense, and site remediation. His clients have included leaders in the mining, manufacturing, renewable energy, and high technology industries, as well as the city of Phoenix. He earned his law degree from the University of Iowa College of Law in 1985 and his undergraduate degree from Drake University in 1982. In other words, he's past his prime. He migrated west after growing up in Omaha, Nebraska. Somebody had to, to steal a line from Bill Bryson. In a further sign of the looming apocalypse, he is an elected fellow of the American College of Environmental Lawyers.

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