

23.1 Surface Transportation Board, Office of Environmental Analysis

Victoria Rutson	Director, Office of Environmental Analysis
Kenneth Blodgett	Environmental Protection Specialist/Project Manager
Danielle Gosselin	Attorney Advisor
Catherine Nadals	Environmental Protection Specialist
Josh Wayland	Environmental Protection Specialist

23.2 Cooperating Agencies

Bureau of Land Management

Dalice Landers	Realty Specialist, Miles City Field Office
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U.S. Army Corps of Engineers

Brian Smith	Project Manager, Omaha District
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U.S. Department of Agriculture, Agriculture Research Service

Mark Peterson	Research Leader, Fort Keogh Livestock and Range Research Laboratory
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Montana Department of Natural Resources and Conservation (acting as lead agency for other Montana State agencies)

Lisa Axline	Right-of-Way Supervisor, Real Estate Management Bureau
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23.3 Contractors

ICF International supported the Surface Transportation Board's Office of Environmental Analysis in the performance of its environmental analyses and preparation of this environmental impact statement.

23.3.1 Project Management

Name, Firm, Project Function	Qualifications
Alan Summerville, ICF International Project Manager	M.A. City Planning, B.A. Economics and Political Science 25 years of experience participating in and managing the preparation of NEPA documents, including 18 years on rail projects
Elizabeth Diller, ICF International Deputy Project Manager; Column Lead of Purpose and Need, Proposed Action and Alternatives, Land Resources, Visual Resources, Socioeconomics, Environmental Justice, and Cultural Resources	B.S. Environmental Science 12 years of experience in the environmental field and 10 years of experience in the management, preparation, and review of NEPA documents

23.3.2 Technical and Other Expertise

Name, Firm, Project Function	Qualifications
James Allen, ICF International Geology and Soils, Paleontological Resources	M.S. Geology, B.S. Geology 16 years of experience in geotechnical, environmental resource management, and paleontological work, including Environmental Impact Reports
Jeffrey Archibald, ICF International Coal Market Appendix	M.Eng. Environmental and Water Resource Systems, M.B.A. Operations and Finance, B.A. Physics 21 years of experience analyzing energy markets including coal price and production forecasting, as well as supporting the review and development of NEPA documents
David Bauer, ICF International Column Leader of Climate and Air Quality, Noise and Vibration, Transportation Systems, and Downline Impacts	M.S. Environmental Engineering Sciences, B.A. Chemistry 31 years of environmental assessment and management experience, including 10 years on NEPA documents for rail projects
Lisa Bendixen, ICF International Rail Operations and Safety	S.M. Operations Research, S.B. Applied Mathematics 34 years of experience in risk assessment, risk management, and emergency management, including 27 years supporting NEPA documents
Ed Carr, ICF International Climate and Air Quality	M.S. Atmospheric Science, B.S. Meteorology 25 years of experience in NEPA air quality assessments
Gary Clendenin, ICF International Geology and Soils, Hazardous Materials and Waste	M.S. Geology, B.S. Geology 27 years of experience in geology, hydrogeology, environmental sciences, contamination and remediation, including support for NEPA documents

Name, Firm, Project Function	Qualifications
David Coate, ICF International Noise and Vibration	M.S. Energy Technology, B.A. Mathematics, Physics and Chemistry 34 years of experience in acoustics, rail noise, and vibration measurement, prediction, and assessment, including support for NEPA documents
Laura Cooper, ICF International Lead Editor and Document Manager	B.A. Psychology 25 years of experience in technical editing, scientific writing, and NEPA document management
Colleen Davis, ICF International Cultural Resources	M.A. History, B.A. English 10 years of experience in evaluation and documentation of historic resources and Section 106 compliance
Eric Doyle, ICF International Fisheries	M.M.A. Marine Affairs, B.S. Marine Biology 15 years of experience in ESA compliance, ESA recovery plan development, habitat restoration planning and permitting, including support for NEPA documents
David Ernst, ICF International Air Quality	M.C.R.P. Environmental Policy, B.S. Urban Systems Engineering, B.A. Ethics and Politics 31 years of experience assessing mobile source emissions for NEPA documents
Christopher Evans, ICF International Climate Change Adaptation	M.Sc. Technology Policy, B.Sc. Mechanical Engineering 10 years of experience in energy and environmental engineering and public policy analysis, including support for NEPA documents
Randy Freed, ICF International Climate Change	M.S. Water Resources, B.S. Zoology 35 years of experience in climate change policy analysis, including 12 years supporting NEPA documents
John Hansel, ICF International NEPA and Regulatory Compliance Review, Cumulative Impacts, Mitigation	J.D. cum laude, B.A. Economics 33 years of experience managing the preparation of NEPA documents and reviewing NEPA documents and procedures
Jamie Heller, Hellerworx, Inc.	M.B.A. Business Administration, B.S. Electrical Engineering 35 years of experience in coal and transportation market analyses, including supporting NEPA documents
Heidi Hubbard, ICF International Coal Dust Ingestion	Ph.D. Environmental Engineering, M.S. Civil Engineering, B.S. Civil Engineering 7 years of experience in exposure statistics and risk assessments

Name, Firm, Project Function	Qualifications
David Johnson, ICF International Column Leader of Biological Resources, Water Resources, and Geology and Soils	B.S. Biology, Minors in Geology and Chemistry 15 years of experience in aquatic resources assessments, resource inventory and classification, impact assessments, permitting assistance, and regulatory compliance, including preparation of NEPA documents
Robert Lanza, ICF International Quality Assurance/Quality Control Lead	M.Eng. Chemical Engineering, B.Sc. Chemical Engineering 34 years of experience including 25 years of experience conducting quality assurance and quality control reviews of NEPA documents
Deanna Lizas, ICF International Climate Change	M.E.M. Industrial Environmental Management, B.S. Environmental Science and Sociology 10 years of experience analyzing greenhouse gas emissions and conducting analyses related to climate change, including working on NEPA documents
Kristen Lundstrom Technical Editor	B.A. English Literature and Expository Writing 11 years of experience in technical editing, document management, and production management
Bryan Luukinen, ICF International Coal Dust Ingestion	M.S.P.H. Environmental Health Science, B.A. Biology 7 years of experience in risk assessment, toxicology, and risk communication, including 4 years supporting NEPA documents
Timothy Messick, ICF International Visual Simulations	M.A. Biology, B.A. Botany 15 years of experience in graphic design and cartography
Christopher Moelter, ICF International Proposed Action and Alternatives, Navigation, Energy, Land Use, Recreation, Section 4(f) and 6(f)	M.E.M. Environmental Tourism, B.S. Zoology 7 years of experience in environmental analysis preparing NEPA documents
Amanda Nicodemus, ICF International Biological Resources	M.S. Biology 8 years of experience in wildlife biology analysis and 2 years of experience preparing NEPA documents
Grant Novak, ICF International Fish Resources	M.S. Environmental Sustainability Management, B.S. Marine Biology 12 years of experience in fisheries biology, geospatial analysis, environmental monitoring, and natural resources data collection, including 8 years supporting NEPA documents
Gretchen Pinkham, ICF International Coal Market Analysis, Downline Analysis, Air Quality	B.S. Environmental Studies 4 years of experience in environmental assessment preparation, air quality analyses, and coal market analyses, including preparation of NEPA documents

Name, Firm, Project Function	Qualifications
Robby Renz, ICF International Climate Change	B.S. Mechanical Engineering 5 years of experience in greenhouse gas life-cycle analysis and greenhouse gas inventory analysis, including 4 years supporting NEPA documents
Alisa Reynolds, ICF International Cultural Resources	M.A. Anthropology, B.A., Anthropology 10 years of experience in cultural resource management for Section 106 compliance, including support for NEPA documents
Mark Robinson, ICF International Cultural Resources	M.S. Anthropology, M.A. English, B.A. History 20 years of cultural resources experience evaluating prehistoric and historical archaeology, including support for NEPA documents
Ken Rock, ICF International Coal Market Analysis	M.B.A. Business Administration, M.S. Applied Earth Science, B.S. General Engineering 26 years of experience in mining analysis and financial analysis, including NEPA analysis
Judah Rose, ICF International Coal Market Analysis	M.P.P. Public Policy, S.B. Economics 30 years of experience in energy market analysis
Michael Savonis, ICF International Climate Change	M.R.P. Policy Analysis, B.S. Chemistry 28 years of experience in transportation policy, capital program development, and air quality and climate change, including analyses for NEPA documents
John Schmitter, KEP LLC	M.B.A. Business Administration, B.S. Northeastern University 30 years of experience in railroad transportation analysis
Chris Soncarty, ICF International Fish, Threatened and Endangered Species	B.S. Biology 17 years of experience in fisheries biology, including support for NEPA documents
Rick Starzak, ICF International Section 106 Compliance Coordination, Programmatic Agreement, Cultural Resources, and Tribal Consultation	M.A. Architecture, B.S. Biology 32 years of experience in architectural history, National Historic Preservation Act compliance, and tribal consultation, including support for NEPA documents
Jennifer Stock, ICF International Visual Resources and Aesthetics	B.L.A. Landscape Architecture 15 years of experience in visual resources, including support for NEPA documents

Name, Firm, Project Function	Qualifications
Alex Uriarte, ICF International Socioeconomics and Environmental Justice	Ph.D. Development Studies, M.S. Economics, B.A. Economics 16 years of experience in socioeconomic and environmental justice analyses and the management and monitoring of economic development projects and NEPA documents
Bill Vetter, ICF International Biological Resources	M.S. Biology, B.S. Biology and Secondary Education 12 years of experience in biological studies, management, and monitoring, including experience contributing to NEPA documents
Jon Walker, ICF International GIS	M.S. GIS and Sustainability, B.S. Mathematics 5 years of experience in GIS automation, habitat mapping
Tom Wiser, Wiser Rail Engineering Railway Engineer	B.S.C.E, Civil Engineering 33 years of experience in railway and structural engineering, project management, planning, and construction oversight