

## **21. LIST OF PREPARERS**

### **Surface Transportation Board Section of Environmental Analysis**

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### **Federal Railroad Administration**

John Winkle                          Office of Railroad Development

### **U.S. Army Corps of Engineers**

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### **U.S. Coast Guard**

Jim Helfinstine                      Commander Seventeenth Coast Guard District

### **Contractors**

ICF International and its subcontractors, ENTRIX, USKH, and Stephen R. Braund & Associates, were responsible for supporting the Surface Transportation Board's Section of Environmental Analysis in the performance of its environmental analyses and preparation of this Environmental Impact Statement.

Name, Firm, Project Function	Qualifications
<b>Project Management</b>	
Alan Summerville, ICF International Project Manager	M.A. City Planning, B.A. Economics and Political Science. 19 years of experience participating in and managing the preparation of NEPA documents, including 16 years on rail projects.
David Bauer, ICF International Deputy Project Manager; Column Leader of Climate and Air Quality, Noise and Vibration, and Transportation Safety and Delay	M.S. Environmental Engineering Sciences, B.A. Chemistry. 31 years of environmental assessment and management experience, including 8 years on rail projects.
<b>Technical and Other Expertise (in alphabetical order)</b>	
Cindy Anderson, USKH Fisheries Resources, Essential Fish Habitat Report	B.S. Biology. 7 years of experience in regulatory compliance for impacts to fish habitat, project reviewer for impacts to fisheries resources during coastal development, 18 years of fisheries research and management of commercial Pacific salmon and Bering Sea Herring fisheries.
Shawna Barry, ICF International Document Production, Quality Control	M.A. Environmental and Resource Policy, B.S. Biology. 3 years of experience in environmental analysis
Stephen Braund, Stephen R. Braund & Associates Cultural Resources, Subsistence, Tribal and Government-to-Government Consultation	M.A. Anthropology, B.A. Northern Studies/English. 32 years of experience researching and assessing impacts associated with subsistence in Alaska.
Jeanette Brena, ENTRIX Water Quality	M.S. Environmental Engineering, B.S. Civil/Environmental Engineering. 11 years of experience in regulatory compliance, permitting, and impact assessment.
Ed Carr, ICF International Climate and Air Quality	M.S. Atmospheric Science, B.S. Meteorology. 15 years of experience in assessing mobile source air toxic emissions.
David Coate, ICF International Noise and Vibration	M.S. Energy Technology, B.A. Mathematics, Physics and Chemistry. 31 years of experience in acoustics, rail noise and vibration measurement, prediction, and assessment.
Jack Colonell, ENTRIX Water Resources Lead	Ph.D. Civil Engineering and Applied Mathematics, M.S. Civil Engineering and Applied Mathematics, B.S. Civil Engineering. More than 40 years of professional experience, including 25 years of experience in environmental impact assessment.
Rob Crotty, ENTRIX Hazardous Materials and Waste Sites	B.S. Geology. 24 years of environmental, geosciences, and remediation experience in Alaska.
Cristiano Facanha, ICF International Transportation Safety and Delay	Ph.D. Civil and Environmental Engineering, M.S. Transportation Engineering, M.S. Management of Transportation, B.S. Industrial Engineering. 6 years of experience in transportation analysis.
Kelly Hammerle, ICF International Document Production, Quality Control	M.P.A. Environmental Policy Emphasis, B.S. Fisheries and Wildlife Sciences. 5 years of experience in environmental analysis.
John Hansel, ICF International NEPA and Regulatory Compliance Review	J.D., cum laude, B.A., Economics. 30 years of experience managing the preparation of NEPA documents.

Name, Firm, Project Function	Qualifications
Erik Hilsinger, Stephen R. Braund & Associates Cultural Resources	M.A. Archaeology, B.A. Anthropology. 9 years of experience conducting archeological fieldwork and researching and assessing impacts associated with cultural resources and subsistence in Alaska.
Sarah Jenniges, ENTRIX GIS Lead	M.S. Geography, Specializing on Environmental GIS and Remote Sensing, B.A. Geography, Certified GISP (Geographic Information Systems Professional). 11 years of GIS experience working in public and private sector, 3 years in environmental GIS analysis application.
David Johnson, ICF International Proposed Action and Alternatives, Quality Control	B.S. Biology, Minors in Geology and Chemistry. 10 years of experience assessing aquatic resources, resource inventory and classification, impact assessment, permitting assistance, and regulatory compliance.
Whitney Kihlstrom, ICF International Quality Control	B.S. Environmental Science. 2 years of experience in environmental analysis
Tanvi Lal, ICF International Irreversible and Irrecoverable Commitment of Resources, Short-term Use Versus Long-term Productivity of the Environment, Quality Control, References	M.S., Environmental Science and M.P.A., Environmental Policy, B.S. Biotechnology. 3.5 years experience in environmental analysis
Paul Lawrence, Stephen R. Braund & Associates Cultural Resources and Subsistence	B.A. Anthropology. 6 years of experience conducting archaeological and subsistence fieldwork and researching and assessing impacts associated with cultural resources and subsistence in Alaska.
Sarah Lindberg, USKH Wetlands and Vegetation	M.A. Alpine Plant Studies, B.S. Environmental Studies. 8 years of experience in environmental impact assessment.
Steve Lombard, ENTRIX Navigation	B.A. Geology. More than 35 years of professional experience in Alaska, coordinating numerous permitting and compliance programs with Federal, state, and local regulatory agencies.
Amalia Marenberg, ICF International Quality Control	B.S. Environmental Science. 2 years of experience in CEQA and NEPA document preparation, impact assessment, and environmental analysis.
JoAnn Mitchell, USKH Public Involvement	M.S. Engineering Management, B.S. Civil Engineering. 20 years of experience in civil engineering and public involvement.
Christopher Moelter, ICF International Cumulative Impacts, Section 4(f) and Section 6 (f) Evaluation, References	M.E.M. Environmental Tourism, B.S. Zoology. 5 years of experience in environmental analysis.
Mike Nagy, ENTRIX Agency Consultation; Column Leader of Natural and Physical Environment Sections, Land Use, and Navigation; Tribal and Government-to-Government Consultation	Graduate Studies Natural Resources, B.S. Natural Resources. 32 years of experience in environmental impact assessment and documentation.
Lynn Noel, ENTRIX Biological Resources Lead	M.S. Natural Resources-Fisheries, B.S. Biology. 22 years of experience conducting fish and wildlife research, monitoring, and affects-assessment projects. 15 years of experience completing impact assessments, wildlife and wetland habitat mapping, and conducting spatial analyses for impact assessments in Alaska.

Name, Firm, Project Function	Qualifications
Melissa Pauley, ICF International Mitigation	M.S. Environmental Science and Management, B.S. Environmental Studies. 6 years of experience in regulatory compliance, permitting, and impact assessment.
David Peterson, ENTRIX Parks and Recreational Resources	M.A. Urban & Regional Planning, B.A. Sociology/Anthropology and Religion. 3 years of experience participating in and managing the preparation of CEQA and NEPA documents. 6 years of urban planning experience in the regional planning, economic development, environmental impact analysis, redevelopment, and transportation sub-fields.
Iris Prophet, Stephen R. Braund & Associates GIS	B.S. Environmental Science, Certificate in GIS. 6 years of experience using GIS, including mapping and analyzing cultural resources and subsistence data for Alaska.
Debra Rogers, ICF International Cumulative Impacts Lead	M.B.A., B.S. Business Administration. 15 years of experience in NEPA analysis and project management.
Stephanie Schively, Stephen R. Braund & Associates Cultural Resources	B.S. Anthropology. 5 years of experience conducting archaeological and subsistence fieldwork and researching and assessing impacts associated with cultural resources and subsistence in Alaska.
Zane Shanklin, USKH Geology and Soils	M.S. Arctic Engineering, B.S. Civil Engineering. 28 years experience in civil engineering design and support.
Judith Shipman Technical Editor, Quality Assurance, Quality Control	A.A. General Studies. 32 years of experience in NEPA document production and editing.
Michael Smith, ICF International Column Leader of Built Environment Sections and Cumulative Impacts	Ph.D. Sociology, M.A. Geography, B.A. Environmental Studies. 16 years of experience in environmental impact assessment.
Rick Starzak, ICF International Section 106 Compliance Coordination, Programmatic Agreement	M.A. Architecture, B.S. Biology. 29 years of experience in architectural history.
Allison Stork, ICF International Cartographic Coordinator, Document Production, Quality Control	M.S. Geography, B.A. Geography, B.A. English. 3 years of experience in environmental analysis.
Shilpa Trisal, ICF International Section 4(f) and Section 6(f) Evaluation	M.S. Community Planning, B.A. Urban Planning. 6 years of experience preparing and reviewing Section 4(f) and Section 6(f) evaluations for transportation projects.
Alex Uriarte, ICF International Energy Resources; Socioeconomics; Environmental Justice	Ph.D. Development Studies, M.S. Economics, B.A. Economics. 11 years of experience in socioeconomic studies, management and monitoring of economic development projects.
Hova Woods, ICF International Document Manager	M.P.A. Environmental Policy and Management, B.S. Finance. 9 years of experience in environmental policy and impact assessment.