

CHAPTER 5.0

LIST OF PREPARERS

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5.1 SURFACE TRANSPORTATION BOARD

The following members of Board staff were responsible for overall project management, technical direction, and writing, reviewing, and editing this Supplemental EA.

Name	Background	Title/Role
Victoria Rutson	J.D. B.A. English Language and Literature	Director, Office of Environmental Analysis
David Navecky	M.S. Resource Development – Water Resources Management B.S. Environmental Resource Management Thirty years in management and preparation of NEPA documents, watershed management studies, environmental compliance reviews, and other interdisciplinary projects for a wide range of facilities and projects including rail, airport, and highway infrastructure; residential and mixed-use developments; power plants; and industrial installations	Project Manager

5.2 HDR

The following HDR staff were responsible for conducting environmental analyses and writing, reviewing, and editing this Supplemental EA.

Name	Background	Project Role
Project Management		
Rosemary Hargrave	M.S. Biology B.A. Biology Thirty-six years, including thirty-five as an employee of USACE, with experience in implementing the USACE planning process for complex and controversial projects from initial reconnaissance, feasibility, and plan formulation, through permitting to construction	Project Manager

Name	Background	Project Role
	<p>Used innovative approaches to ensure compliance with NEPA and other applicable environmental laws including the Endangered Species Act (ESA), CWA Section 404/401 permitting, fulfillment of federal trust responsibilities to Native American tribes</p> <p>Has assisted with preparation of environmental documents related to pipeline and railroad projects since coming to HDR in 2012</p>	
Lisa Richardson, P.E.	<p>M.S. Plan Sciences (Community and Regional Planning)</p> <p>B.S. Civil Engineering</p> <p>Nineteen years in NEPA compliance, public involvement, traffic operations, transportation planning, and roadway design, including serving as project manager or task manager for numerous environmental studies and public involvement programs, and serving as project engineer for transportation corridor studies, economic feasibility studies, environmental compliance studies, and traffic impact studies for residential, commercial, and mixed-use centers</p>	Project Principal
Technical Analysis		
Adam Buck	<p>M.A.E. (Master of Architectural Engineering) Mechanical/Acoustical</p> <p>B.S. Architectural Engineering (Mechanical/Acoustical)</p> <p>One year predicting and analyzing building acoustics and environmental noise and vibration, including transportation systems, wind farms, construction, and various other sources</p>	Resource Specialist – Noise and Vibration
William Burgel, RPG	<p>M.S. Geology</p> <p>B.S. Engineering</p> <p>Forty years in railroad engineering and operations as a project engineer and project manager for railway and transportation engineering projects and NEPA studies</p>	Technical Lead – Rail Operations

Name	Background	Project Role
	Expertise in light rail, commuter rail, and freight rail interface and capacity issues	
Timothy Casey, INCE	B.S. Biological/Life Sciences A.S. Science Twenty-five years performing and managing noise and vibration analyses for projects involving stationary and mobile sources, including combustion turbines, wind farms, construction projects, surface transportation systems, and other architectural, industrial, and infrastructure noise sources	Quality Control Reviewer – Noise and Vibration
Quinn Damgaard	B.A. Biology Twelve years in project and program management, NEPA analysis and document production, wetland delineation and Section 404 permitting, and environmental and storm water compliance monitoring	Quality Control Reviewer – Wetlands
Elliott Dick	B.S. Noise and Vibration Control Eighteen years in environmental and architectural acoustics for transportation projects, industrial clients, residential developers, and with expertise in acoustic modeling and metrology	Resource Specialist – Noise and Vibration
Benjamin Fisher	M.R.P. (Master of Regional Planning) Community and Regional Planning B.S. Environmental Sciences B.S. Biology Four years in conducting wetland delineations and associated Section 404 permitting, NEPA analysis, environmental compliance monitoring, stormwater compliance monitoring, and use of GIS	Wetland Professional; Technical Lead – Transportation
Michael Forsberg, P.E.	M.S. Civil Engineering B.S. Civil Engineering Ten years in traffic operations, transportation planning, and traffic design, including experience with traffic operations analysis,	Quality Control Reviewer – Transportation

Name	Background	Project Role
	traffic simulation, traffic signal timing, traffic forecasting, and traffic capacity analysis	
Jeffrey Franco	<p>M.S. Biosciences Management B.S. Environmental Sciences</p> <p>Nine years conducting environmental site assessments, wetland delineations, mitigation monitoring, CWA Section 404 permitting, NEPA compliance, prairie ecology and restoration, and invasive species monitoring and control, as well as preparing associated reports and NEPA documents</p>	<p>Technical Lead – Wetlands, Woodlands</p> <p>Resource Specialist – Floodplains</p>
Brian Goss	<p>M.S. Environmental Sciences (Geochemistry and Mineralogy) B.A. Geological and Related Sciences</p> <p>Twenty-eight years of technical and management experience in environmental analysis, including the preparation of NEPA and supporting compliance documents;</p> <p>Extensive experience predicting and assessing impacts on air, water, geology, and soils</p> <p>NEPA experience that includes projects involving construction of buildings, road and rail networks, and facilities; development of mines and water resource projects; and demolition of facilities</p>	Quality Control Reviewer – Supplemental Environmental Assessment
Edward Liebsch	<p>M.S. Meteorology B.S. Earth Science</p> <p>Thirty-three years as an air quality specialist, project manager, and group leader for air quality impact analysis and permitting, including dispersion modeling of air pollution, regulatory evaluations, and air quality analyses under NEPA and state environmental review programs</p>	Quality Control Reviewer – Air Quality and Climate
Randall McCart	<p>M.A. Geography B.S. Education B.S. Geography</p> <p>Thirty-three years in preparing NEPA documentation evaluating a wide range of</p>	Technical Lead – Environmental Justice, Cumulative Impacts, and Resources not

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	<p>proposed actions, including transportation projects, pipelines, sewage lift stations, Department of Defense programs and facilities, radioactive waste facilities, and natural resource management</p> <p>Specializes in impacts on socioeconomics and environmental justice, air and water quality, hazardous materials, parklands and recreation areas, and farmlands</p>	impacted by rail operations
James Pavlik, P.E.	<p>B.S. Civil Engineering</p> <p>Twenty-five years in air quality permitting and compliance, environmental site assessments and investigations, Resource Conservation and Recovery Act, industrial stormwater pollution prevention plans, spill prevention control and countermeasures plans, and Superfund Amendments and Reauthorization Act, Title III</p>	Quality Control Reviewer – Air Quality and Climate
Kurt Rautenstrauch	<p>Ph.D. Wildlife and Fishery Sciences (Wildlife Ecology)</p> <p>M.S. Wildlife and Fishery Sciences</p> <p>B.S. Wildlife Management</p> <p>Twenty-five years in managing and implementing environmental regulatory compliance programs; conducting and managing surveys, impact evaluations, and long-term research on threatened and endangered species and other biological resources in support of ESA compliance; and conducting analyses for all phases of NEPA implementation</p>	Quality Control Reviewer – Threatened and Endangered Species, Wildlife Strikes
Simone Rock, P.E.	<p>B.S. Civil Engineering</p> <p>B.A. Mathematics</p> <p>Eleven years in water resources engineering, including hydrologic and hydraulic analysis of large watersheds and bridge scour analysis using Hydrologic Engineering Center River Analysis System</p>	Technical Lead – Floodplains

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Stephen Sabatke	<p>M.A. Anthropology B.A. Anthropology</p> <p>Fourteen years as an archaeologist and cultural resource manager in the private and public sectors, specifically dealing with the cultural resource management of historic properties in the Midwest</p> <p>Served as Cultural Resource Crew Chief for USDA Forest Service working on projects subject to federal regulations, such as 36 C.F.R. Part 800 (the Section 106 process) and NEPA, which included identification, documentation, and management of historic properties on federal property and teaching courses on federal regulations and cultural resource management</p> <p>Extensive experience in cultural resource survey work</p>	Technical Lead – Cultural Resources
Meagan Schnoor	<p>B.S. Biology</p> <p>Eight years in biological sciences, threatened and endangered species, wetland delineations, U.S. Coast Guard bridge permits, and NEPA documentation, with extensive experience in biological survey work</p>	Technical Lead – Threatened and Endangered Species, Wildlife Strikes
Susan Schrader	<p>B.S. Chemical Engineering</p> <p>Seventeen years of environmental regulatory and air pollution control technology experience, primarily with the chemical, petrochemical, and hazardous waste management industries</p>	Technical Lead – Air Quality and Climate
Alan Stanfill	<p>M.A. Anthropology B.A. Anthropology</p> <p>Forty years as an archaeologist and cultural resource manager in the private and public sectors</p> <p>Extensive experience in the application of federal and state historic preservation laws, and working with tribes, SHPOs, federal agencies, and other consulting parties in the federal preservation program</p>	Quality Control Reviewer – Cultural Resources

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Travis Talbitzer	<p>M.A. Geography</p> <p>B.S. Natural Resources</p> <p>Eleven years in biological sciences, wetland delineations, GIS, and environmental documentation</p> <p>Extensive experience in GIS, Mobile GIS, biological surveys, 404 permitting, and railroad hydrology and hydraulics surveys</p>	Wetlands Professional; Senior GIS Analyst
Sean Tuohey	<p>B.S. Geography</p> <p>Twelve years in GIS, including geodatabase design, data collection, spatial analysis, modeling, Python scripting, map production, and quality assurance and quality control for a wide range of projects, including electric transmission siting, high speed rail, wind, solar, water resources, cultural resources, public involvement, and e9-1-1</p>	GIS Analyst
Vicki Twerdochlib, P.E.	<p>B.S. Civil Engineering</p> <p>Fifteen years in water resources, drainage, and levee engineering, including levee certification and flood control issues</p> <p>Experience in levee design; levee analysis and feasibility review; stormwater master planning; design, permitting, and construction management of stormwater conveyance and treatment systems; hydrologic and hydraulic modeling; and stormwater utility feasibility studies</p> <p>Is a Certified Floodplain Manager, which reflects an understanding of the National Flood Insurance Program and the various tools available</p>	Quality Control Reviewer – Floodplains
Austin Zigler	<p>B.S. Environmental Sciences</p> <p>One year in air quality permitting, National Emission Standards for Hazardous Air Pollutants reporting, Form-R reporting, groundwater sampling, and wetland delineating</p>	Resource Specialist – Air Quality and Climate

Name	Background	Project Role
Document Production		
Kimberly Gust	M.A. English Language and Literature (Composition and Rhetoric) B.S.E. (Bachelor of Science in Education) English Twelve years serving as technical editor and document production manager for NEPA documents, including developing templates and style guidelines, conducting technical and copy editing, compiling references, formatting, and preparing documents for publication both in print and electronically	Technical Editor
Ruthellen Hughes	B.A. English Language and Literature Two years copy editing, formatting, compiling references, and preparing for publication a variety of technical documents, including those produced in compliance with NEPA	Copy Editor