

## Chapter 7: List of Preparers

This chapter includes the list of professionals who contributed to the preparation of this EIS. For each professional, this chapter provides his or her degree, title, and a brief description of his or her professional experience.

<b>Name</b>	<b>Title</b>	<b>Degree</b>	<b>Experience</b>
<b><i>NRCS – Utah</i></b>			
Elise Boeke	State Resource Conservationist	BS, Wildlife Ecology	Over 15 years working in environmental compliance and policy with a focus on the Endangered Species Act, Clean Water Act, and Superfund. She has been active in watershed planning and restoration throughout her career.
Norm Evenstad	Water Resources Coordinator	BS, Geology	Over 20 years of geologic and broad natural resource assessment and planning experience. He has focused on sedimentation, erosion, and stream assessments for watershed-based restoration and natural disaster response.
Kathy Lombardi, PE	Environmental Engineer	BS, Environmental Engineering; MS, Civil and Environmental Engineering	Eighteen years of experience in environmental compliance and policy development, permitting, restoration, and mitigation. She has focused on Clean Air Act and Clean Water Act compliance with an emphasis on sustainable watershed management solutions.
Jason Roper, PE	State Environmental Engineer	BS, Civil and Environmental Engineering	Ten years of experience working for NRCS. Experience in planning and designing a wide variety of the NRCS standard practices.
Bronson Smart, PE	State Conservation Engineer	BS, Civil and Environmental Engineering; MS, Civil Engineering	Twelve years of experience in water resources–related engineering, policy development, permitting, design, and construction. He has focused on irrigation, stream restoration, and natural disaster response–related engineering.
Julie Suhr Pierce, PhD	State Economist	Honors BS, Music; MS & PhD, Natural Resource, Environmental, and Public Economics	Twenty-five years of experience in NEPA-oriented environmental assessment, natural resource conservation, natural resources policy, natural resource decision-making, and economic analysis. Specialist in applied decision theory and benefit/cost analysis.
Ana Vargo, PG	Geologist	BA, Geology; MS, Geology	Over 20 years of geology experience. Broad experience as a geologist performing site investigations for engineering projects and as a geologist writing and preparing the geology section of EISs for large mining projects.
<b><i>Cache County</i></b>			
Bob Fotheringham, PE	Water Manager	BS, Civil and Environmental Engineering	Twenty-nine years of experience in natural resources management with the Utah Division of Water Rights. Additionally, he has led water resource planning for Cache County for the last 3 years.

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<b><i>HDR Engineering, Inc.</i></b>			
Rosemary Fasselin	GIS Specialist	GIS Certificate; BA, English	Four years of experience in ArcGIS mapping and analysis tools in natural resource management. She is responsible for creating computer-generated maps, conducting data analysis, acquiring data, developing automation, and providing surface/resource mapping for projects.
Shawn Frye	GIS Specialist	BS, Geography	Six years of experience in ArcGIS mapping and analysis tools in natural resource management. He is responsible for creating computer-generated maps, conducting data analysis, acquiring data, developing automation, and providing surface/resource mapping for projects.
Donovan Gross	Ecologist	BS, Fisheries; MS, Ecology	Seven years of experience planning and executing biological research and monitoring projects. He has extensive fieldwork experience throughout the western United States.
Connie Heitz	Senior Environmental Planner	BS, Public Affairs; MA, Public Affairs/ Environmental & Natural Resources Management	Twenty-two years of experience as a planning professional specializing in environmental studies and 19 years of NEPA and planning document writing, coordination, and management experience.
Ben Jacobs, PE	Water Project Engineer	BS, Economics; MS, Engineering	Ten years of experience in water and water resource engineering projects with expertise in hydraulics, conveyance, and reservoirs. He specializes in large-diameter pipeline design, inspection, and assessment; system and flow process control logic; and variable-frequency drive, pump, and control valve operation and troubleshooting.
Sue Lee	Environmental Planner	BS, Forest Management	Nineteen years of experience in land-use and environmental policy development, analysis, and application. She has a diverse background in environmental impact identification and assessment with a special focus on environmental permitting, land use, water resources, and special-status species.
Sara Merchán Paniagua	Environmental Scientist	BS, Environmental Biology; MS, Soil and Environmental Sciences	Four years of experience preparing NEPA environmental assessments and EISs. Her background includes mitigation implementation reporting, conducting wetland delineations, and biological assessments.
Karen Nichols, PE	Senior Water Resources Engineer	BS, Civil Engineering	Twenty-five years of experience in environmental compliance, permitting, mitigation, and audits. She specializes in Clean Water Act compliance for surface water quality, wetlands, stormwater quality, permitting, and monitoring as well as watershed analysis projects.
Ted Shannon, PE	Water Resources Engineer	BS, Civil Engineering; MS, Civil Engineering	Twelve years of experience in hydrologic and hydraulic modeling including surface water and groundwater modeling to support environment studies, design, and construction projects. His background includes application of models in support of watershed basin planning and surface water modeling, including HEC-RAS, HEC-HMS, EPA-SWMM, HYDROSS, and MODSIM-DSS.

<b>Name</b>	<b>Title</b>	<b>Degree</b>	<b>Experience</b>
Alana Spendlove	Public Involvement Specialist	BS, Geography	Six years of experience in public involvement, agency coordination, media, and community relations. She has experience in coordinating all aspects of public involvement including project workshops, open houses, advisory committees, and one-on-one coordination with project stakeholders.
Heidi Spoor	Environmental Scientist	BS, Civil Engineering; BA, English Language and Literature	Ten years of experience preparing NEPA documents. She has a diverse background in environmental impact identification and assessment and regulatory compliance.
Trent Toler	Field Manager	BA, Biology; MA, Biology	Ten years of ecological research and consulting experience in biology, entomology, and ecology. His biological technical experience includes aquatic entomology identification, threatened and endangered (T&E) species surveys, T&E monitoring, T&E impact analyses, pollination ecology and biology research, integrated pest management, and biological control.
Jeff Turner	Senior Environmental Scientist	BS, Biology; MS, Geography (Chemistry/Earth Science)	Thirty-two years of experience in preparing NEPA environmental assessments and EISs. He also has experience conducting NEPA compliance, permitting, ecosystem and habitat restoration, wetlands delineations, biological assessments, and T&E species surveys.
Carrie Ulrich	Technical Editor	BS, Environmental Studies; MS, English	Seventeen years of experience in technical writing and editing. She has experience creating various templates, style guides, quality checklists, and other tools designed to deliver professional documents at every stage of a project.
Terry Warner, PE	Project Manager	BS, Civil and Environmental Engineering; ME, Civil Engineering	Twelve years of experience in water resources, environmental engineering, project management, and construction administration. He also has experience preparing environmental assessments and EISs for water and transportation infrastructure projects.
<b><i>Simon Bymaster, Inc. (Geology Subconsultant)</i></b>			
David B. Simon, PG	Principal Engineering Geologist	BS, Geology; post-graduate studies, Engineering Geology	Over 30 years of experience in engineering and environmental geology providing comprehensive engineering geology, environmental, and geotechnical consulting services in Utah and the Rocky Mountain region. He has expertise in geologic hazard investigations, geologic feasibility studies, slope stability analysis, landslide investigations, and active fault investigations.
<b><i>Alliance Consulting Engineers (Survey Subconsultant)</i></b>			
Brian Lyon, PE, LS	Senior Surveying Engineer	BS, Civil and Environmental Engineering	Over 10 years of experience in municipal and site civil engineering and surveying in northern Utah and southern Idaho. He has expertise in grading and drainage plan preparation, topographic mapping, design, and construction survey staking. He uses AutoCAD Land Development, InRoads-Sitework, and CogoPC to prepare plans and profiles for linear projects and site plans.

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