



**US Army Corps
of Engineers®**
Portland District



WILLAMETTE VALLEY SYSTEM OPERATIONS AND MAINTENANCE

FINAL ENVIRONMENTAL IMPACT STATEMENT

CHAPTER 9 LIST OF PREPARERS

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Table 9-1. Final Environmental Impact Statement List of Preparers.

| Name | Title | Years of Experience | Professional Discipline and Expertise | Agency | EIS Areas Authored/Contributed |
|-----------------------|-----------------------------------|---------------------|--|--------|---|
| Kate M. Hawe | NEPA Subject Matter Expert | 30 | J.D., Law M.S., Forest Ecology B.S., Forest Management NEPA and Regulatory Compliance Forest and Upland Ecosystems Visual Resources, Recreation Resources Management | USACE | Lead NEPA Coordinator and compliance reviewer, assisted with various analyses, coordinated document development Author: Sections 3.22 (with Affected Environment assistance from DEIS contractor), 3.25, 3.26, 3.27, 3.28, 3.29, Chapters 6, 7 Co-author Chapters 1, 2; Section 3.14, Recreation Resources, several cumulative effects analyses |
| Jess T. Hamilton | Environmental Resource Specialist | 10 | B.S., Environmental Science Environmental Compliance | USACE | Co-author: Section 3.14, Recreation Resources, Affected Environment; Tech Lead/NEPA Assistant Lead to develop the EIS |
| Felicia R. August | Technical Writer-Editor | 15 | B.A., Education Technical Formatting Document Layout and Design Document Development Technical Editing | USACE | Document formatting, editing, e-NEPA file preparation |
| Jeffrey B. Ballantine | Hydraulic Engineer | 14 | B.S., Civil Engineering Hydraulics and Reservoir Operations | USACE | Co-author: Section 3.2; Section 4.2; Appendix B, Hydrologic Processes Co-Author: River Mechanics and Geomorphology, Affected Environment |
| Holly H. Bellringer | Biologist | 17 | M.S., Environmental Science B.S., Marine Biology Water Quality | USACE | Co-author: Section 3.5, Section 4.5, Appendix D, Water Quality |

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| Molly R. Casperson | Archaeologist | 21 | Ph.D., Anthropology Archaeology | USACE | Author: Section 3.21, Section 4.5, Cultural Resources; Section 3.24, Section 4.24, Tribal Resources; Appendix O, and Tribal Coordination and Perspectives; Appendix T, Cultural Resources Effects Analysis |
| Keith B. Duffy | Hydrology and Hydraulics Engineer | 26 | B.S., Civil Engineering Hydrology and River Hydraulics /Climate Change | USACE | Author: Climate Change Appendices F1 and F2 |
| Natalie R. Ehrlich | Civil Engineer Dam Safety | 9 | M.S., Civil Engineering, Geotechnical | USACE | Author: Appendix H, Dam Safety |
| Christopher A. Graham | Senior Water Resource Economist | 21 | B.A., Economics | USACE | Author: Appendix K, Recreation Analysis |
| David W. Griffith | Endangered Species Act Coordinator | 21 | B.A. Biology, M.S. Fisheries Resources; Endangered Species Act | USACE | Contributor: Section 3.8, Fish and Aquatic Habitat, Appendix E, Fish and Aquatic Habitat Analyses; ESA advisor |
| Lauryn Guyton-Moore | Economist/Social Science Analyst | 5 | B.S., Environmental Economics and Policy Risk Management Cost-benefit Analysis | USACE | Author: Section 3.11, Section 4.11, Socioeconomics |
| Megan K. Herod | Environmental Protection Specialist | 8 | B.S., Ecology for Environmental Science M.S., Aquatic Biology Wetland Science, Invasive Species, Aquatic Ecology, Wetland Delineation | USACE | Author: Section 3.6, Vegetation; Section 3.7, Wetlands; Section 3.9, Wildlife and Habitat, corresponding Chapter 4 sections |
| Nick Iraola | Environmental Scientist | 13 | M.Sc. Marine Science B.A. Environmental Studies | Solv (DEIS Contractor) | DEIS Appendix R, Visual Resources Inventory; FEIS 2022 data updates - Kellen A. Smith, USACE |

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| Tina M. Loucks-Jaret | Senior Editor | 25 | B.S., Botany and Environmental Studies M.S., Technical Communication Wetlands Science and Management Certification Technical Editing Technical Writing Writing Instructor Emphasis in Engineering, Environmental Regulations, Environmental Science | USACE | Lead technical editor, reference/citation management, format assistance |
| Christopher J. Nygaard | Hydraulic Engineer | 22 | B.S., Civil Engineering River Hydraulics and Sediment Processes | USACE | Co-author: Appendix C, River Mechanics and Geomorphology |
| Jason L. Owens | Environmental Compliance Coordinator | 10 | B.S., Environmental Science | USACE | Author: Section 3.16, Section 4.16, Hazardous Materials; Section 3.18, Section 4.18, Hazardous, Radioactive, Toxic Materials |
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| Josh E. Roach | Hydrologic Engineer | 6 | B.S., Civil Engineering Reservoir Operations Modeling and Hydrologic Analysis | USACE | Co-author: Section 3.2, Section 4.2, Appendix B, Hydrologic Processes |
| Margaret C. Ryan | Economist | 15 | B.S., Economics Hydropower Economics | USACE | Author: Section 3.12, Section 4.12, Power and Transmission |
| Michelle C. Sanders | Geologist | 8 | M.S., Geohydrology Levee Safety | USACE | Author: Section 3.4, Section 4.4, Geology and Soils; Appendix S, Bank Protection Structures |
| Kellen A. Smith | Environmental Protection Specialist | 15 | M.Sc., Environmental Science Botany, Water Ecology | USACE | Lead Author: Section 3.14, Section 4.14, Recreation Resources |
| Michael V. Snyder | Environmental Resources Specialist | 25 | M.S., Biological Sciences NEPA, Environmental Compliance, and Natural Resources Planning | USACE | Author: Adaptive Management Plan |
| Claire R. Stellmacher | Economist/Data Scientist | 1.5 | M.S., Applied Economics Cost-benefit Analysis Impact Evaluation | USACE | Author: Appendix I, Socioeconomics Analysis |
| Jeffrey G. Stewart | Biologist | 30 | B.S., Biological Sciences M.S., Biological Sciences | USACE | Author: Section 3.19, Section 4.19, Drinking Water |
| Kathryn L. Tackley | Physical Scientist | 28 | B.S., Physical Geography and Geology Water Quality | USACE | Author: Implementation Plan |
| Kathryn L. Warner | Environmental Engineer | 26 | M.S., Water Resources Management M.S., Civil Environmental Engineering B.A., Chemistry | USACE | Technical coordination and review Author: Section 3.13, Section 4.13, Appendix J, Water Supply Co-author: Chapters 1, 2 |