

## CHAPTER 10 LIST OF PREPARERS

### U.S. DEPARTMENT OF ENERGY

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#### **Burandt, Mary Beth**

EIS Responsibilities: *Document Manager*

Education: M.S., Engineering Management, Catholic University of America  
B.S., Biomedical Engineering, Marquette University

Experience: 27 years

#### **Chapin, Doug**

EIS Responsibilities: *Fast Flux Test Facility Lead*

Education: B.S., Biology, Whitworth College

Experience: 34 years

#### **Daniels, Jeff**

EIS Responsibilities: *Cost, Schedule, and Baseline and Performance Lead*

Education: B.A., Finance, Washington State University

Experience: 26 years

#### **Gardner-Clayson, Thomas**

EIS Responsibilities: *Groundwater Resources Lead*

Education: B.S., Chemistry, University of the State of New York, Regents College

Experience: 23 years

#### **Gelles, Christine**

EIS Responsibilities: *Offsite Waste Data Package Co-Lead*

Education: B.A., Liberal Arts, Mount Saint Mary's College

Experience: 17 years

#### **Tonkay, Doug**

EIS Responsibilities: *Offsite Waste Data Package Co-Lead*

Education: M.S., Nuclear Engineering, Pennsylvania State University

B.S., Nuclear Engineering, Pennsylvania State University

Experience: 29 years

### SCIENCE APPLICATIONS INTERNATIONAL CORPORATION (SAIC)

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#### **Ackman, Lori**

EIS Responsibilities: *Co-Manager-Comment-Response Document*

Experience: 32 years

#### **Baxter, Brian**

EIS Responsibilities: *Cartography/Geographic Information Systems Manager; Mapping*

Education: B.S., Geography, East Tennessee State University

Certificate in Geographic Information System Technology, Roane State  
Community College

Experience: 16 years

**Beatson, Bryan**

EIS Responsibilities: *Quality Assurance; Groundwater Support; Co-Manager*–Appendix V, “Recharge Sensitivity Analysis,” and Comment-Response Document  
Education: M.S., Environmental Science and Public Policy, George Mason University  
B.S., Biology, Radford University  
Experience: 16 years

**Binder, Hana**

EIS Responsibilities: *Technical Editor/Writer; Co-Manager*–Comment-Response Document  
Education: B.A., Journalism, Public Relations, University of Oregon  
Experience: 4 years

**Binder, Terri**

EIS Responsibilities: *Socioeconomics; Quality Assurance*  
Education: M.A., Organizational Learning and Instructional Technology, University of New Mexico  
B.A., Mathematics, University of California, Los Angeles  
Experience: 19 years

**Brandenburg, Courtney**

EIS Responsibilities: *Human Health Dose and Risk Analysis; Co-Manager*–Appendix Q, “Long-Term Human Health Dose and Risk Analysis,” and Appendix U, “Supporting Information for the Long-Term Cumulative Impact Analyses”  
Education: B.S., Chemical Engineering, University of Maryland Baltimore County  
Experience: 9 years

**Bryne, Stephen**

EIS Responsibilities: *Cultural Resources*  
Education: M.S., Anthropology, Florida State University, Tallahassee  
B.A., Anthropology, Florida State University, Tallahassee  
Experience: 15 years

**Burns, Thomas**

EIS Responsibilities: *Ecological Resources and Risk; Manager*–Appendix P, “Ecological Resources and Risk Analysis”  
Education: Ph.D., Ecology, University of Georgia  
M.S., Marine Biology, University of Miami  
B.S., Biology, University of Notre Dame  
Experience: 33 years

**Cavanaugh, Sydel**

EIS Responsibilities: *Outreach; Quality Assurance; Manager*–Chapter 11, “Distribution List,” and Appendix A, “*Federal Register* and Other Public Notices”  
Education: B.A., Interdisciplinary Studies–Personnel and Sociology, University of Maryland Baltimore County  
Experience: 27 years

**Churchill, Aaron**

EIS Responsibilities: *Vadose Zone and Groundwater Modeling and Analysis; Quality Assurance*  
Education: M.S., Applied Mathematics, University of Maryland Baltimore County  
M.S., Mathematics, University of Delaware  
B.S., Mathematics, Salisbury University  
Experience: 2 years

**DiMarzio, John**

EIS Responsibilities: *Cumulative Impacts; Co-Manager*—Chapter 6, “Cumulative Impacts,” Appendix R, “Cumulative Impacts: Assessment Methodology,” and Appendix T, “Supporting Information for the Short-Term Cumulative Impact Analyses”  
Education: M.S., Geology, George Washington University  
B.S., Geology, University of Maryland  
Experience: 31 years

**Dixon, Sharay**

EIS Responsibilities: *Air Quality and Meteorological Dose Assessment Modeling; Quality Assurance; Co-Manager*—Appendix G, “Air Quality Analysis”  
Education: B.S., Environmental Management, University of Maryland University College  
A.S., Applied Science, Weather Technology  
Experience: 14 years

**Duvall, Kimball**

EIS Responsibilities: *Graphic Design*  
Experience: 18 years

**Eichner, John**

EIS Responsibilities: *Environmental Justice; Co-Manager*—Appendix J, “Environmental Justice”  
Education: B.S., Accounting, Syracuse University  
B.S., Finance, Syracuse University  
Experience: 28 years

**Gagne, Roger**

EIS Responsibilities: *Comment-Response System; Computer and Technical Support*  
Education: A.A., Computer Science/Business Programming, Montgomery Community College  
Experience: 21 years

**Gannon, Ben**

EIS Responsibilities: *Lead Project Engineer; Data Development; Waste Management; Co-Manager*—Appendix D, “Waste Inventories,” Appendix E, “Descriptions of Facilities, Operations, and Technologies,” Appendix S, “Waste Inventories for Cumulative Impact Analyses,” and Reader’s Guide  
Education: M.S., Environmental Management, University of Maryland  
B.S., Civil Engineering, University of Maryland  
Experience: 41 years

**Gorden, Milton**

EIS Responsibilities: *Transportation; Co-Manager*—Appendix H, “Transportation”  
Education: B.S., Nuclear Engineering, North Carolina State University  
Experience: 22 years

**Grant, Michael W.**

EIS Responsibilities: *Performance/Risk Assessment; Fate and Transport Modeling; Parameter Estimation; Statistics; Geostatistics; Manager–Appendix W, “American Indian Tribal Perspectives and Scenarios”*

Education: Ph.D., Chemistry, University of Tennessee  
M.S., Chemical Engineering, University of Cincinnati  
B.S., Chemistry, University of Tennessee

Experience: 31 years

**Greene, Aaron**

EIS Responsibilities: *Quality Assurance; Artificial Recharge; Vadose Zone and Groundwater Modeling; Manager–Measurement Units and Metric Conversion Chart*

Education: M.S., Environmental Science, Indiana University  
B.S., Environmental Science, Mansfield University

Experience: 10 years

**Harden, Nicole**

EIS Responsibilities: *Co-Manager–Chapter 3, “Affected Environment,” and Appendix C, “Cooperating Agency, Consultation, and Other Interaction Documentation”*

Education: B.S., Biology, Indiana University

Experience: 1 year

**Harms, Diane**

EIS Responsibilities: *Technical Editor/Writer and Lead Editor; Manager–Chapter 9, “Glossary”*

Education: B.F.A., Fine Arts, University of Connecticut

Experience: 25 years

**Heiser, Scott**

EIS Responsibilities: *Air Quality; Emissions Calculations; Quality Assurance; Manager–Chapter 7, “Environmental Consequences and Mitigation Discussion”;*  
*Co-Manager–Appendix E, “Descriptions of Facilities, Operations, and Technologies”*

Education: M.S., Engineering Management, University of Maryland University College  
B.S., Mechanical Engineering, Virginia Polytechnic Institute and State University

Experience: 21 years

**Hirrlinger, Diana**

EIS Responsibilities: *Project Quality Assurance Manager; Co-Manager–Summary and Chapter 2, “Proposed Actions and Alternatives”*

Education: M.B.A., Marketing and Organizational Behavior, University of Maryland  
B.S., Conservation of Natural Resources, University of California, Berkeley

Experience: 32 years

**Hoffman, Robert**

EIS Responsibilities: *Co-Manager–Summary and Chapter 2, “Proposed Actions and Alternatives”*

Education: B.S., Environmental Resource Management, Pennsylvania State University

Experience: 27 years

**Hostetler, Charles**

EIS Responsibilities: *Manager, Groundwater Flow Field Development; Vadose Zone and Groundwater Modeling and Analysis; Manager–Appendix L, “Groundwater Flow Field Development”; Co-Manager–Appendix O, “Groundwater Transport Analysis,” and Appendix V, “Recharge Sensitivity Analysis”*

Education: Ph.D., Planetary Sciences, University of Arizona  
B.S., Geosciences, University of Arizona

Experience: 29 years

**Huffman, Mark**

EIS Responsibilities: *Manager, Software Configuration Database Management; Comment-Response System; Quality Assurance; Co-Manager–Appendix I, “Workforce Estimates”*

Education: B.S., Business and Management, University of Maryland  
A.A., Data Processing, Hagerstown Junior College

Experience: 28 years

**Jamison, James**

EIS Responsibilities: *Accident Analysis; Co-Manager–Appendix K, “Short-Term Human Health Risk Analysis”*

Education: B.A., Physics, Doane College

Experience: 41 years

**Johnson, Angela**

EIS Responsibilities: *Ecological Resources and Risk Analysis; Quality Assurance*

Education: B.S., Biology, East Tennessee State University

Experience: 15 years

**Johnson Salmon, Charlotte**

EIS Responsibilities: *Project Manager*

Education: M.S., Technology Management, University of Maryland  
B.S., Chemistry, University of Maryland

Experience: 33 years

**Kalmar, Michael**

EIS Responsibilities: *Graphic Design*

Education: B.F.A., Graphic Design, American InterContinental University  
A.S., Applied Science, Rochester Institute of Technology

Experience: 25 years

**Karimi, Roy**

EIS Responsibilities: *Transportation Risk Assessment; Co-Manager–Appendix H, “Transportation”*

Education: Sc.D., Nuclear Engineering, Massachusetts Institute of Technology  
N.E., Nuclear Engineering, Massachusetts Institute of Technology  
M.S., Nuclear Engineering, Massachusetts Institute of Technology  
B.Sc., Chemical Engineering, Abadan Institute of Technology

Experience: 35 years

**Kummerfeldt, Maria**

EIS Responsibilities: *Document Production*

Education: A.A.S., Commercial Art, Northern Virginia Community College  
Certification, Publications Specialist, George Washington University

Experience: 31 years

**Martin, Diane**

EIS Responsibilities: *Administrative Record; Data Set Management*

Education: B.A., Business Administration, Eastern Washington University

Experience: 19 years

**Martin, Greg**

EIS Responsibilities: *Accident Analysis; Co-Manager–Appendix K, “Short-Term Human Health Risk Analysis”*

Education: M.S., Radiological Physics, San Diego State University  
B.S., Physics, San Diego State University

Experience: 30 years

**Mirsky, Steve**

EIS Responsibilities: *Accident Analysis; Quality Assurance; Overall EIS Review; Engineering Support*

Education: M.S., Nuclear Engineering, Pennsylvania State University  
B.S., Mechanical Engineering, Cooper Union

Experience: 36 years

**Mixon, Steve**

EIS Responsibilities: *Technical Editor/Writer; Co-Manager–Reader’s Guide*

Education: B.S., Communications, University of Tennessee

Experience: 24 years

**Nelson, Shea**

EIS Responsibilities: *Vadose Zone and Groundwater Modeling and Analysis; Manager–Appendix F, “Direct and Indirect Impacts: Assessment Methodology”;  
Co-Manager–Appendix M, “Release to Vadose Zone,” and Appendix N, “Vadose Zone Flow and Transport”*

Education: M.E., Environmental Engineering, University of Maryland  
B.A., Environmental Science, University of Virginia

Experience: 12 years

**Olsen, Larry**

EIS Responsibilities: *Quality Assurance; Scheduling; Vadose Zone and Groundwater Modeling*

Education: M.S., Environmental Science, Washington State University  
M.B.A., Business Administration, Nova University

Experience: 29 years

**Owens, Kirk**

EIS Responsibilities: *Normal Operations; Waste Management; Co-Manager–Appendix K, “Short-Term Human Health Risk Analysis”*

Education: B.S., Environmental Resource Management, Pennsylvania State University

Experience: 33 years

**Owens, Lauren**

EIS Responsibilities: *Manager*–Chapter 10, “List of Preparers”–Draft EIS  
Education: B.A., Architectural Studies, University of Pittsburgh  
Experience: 4 years

**Page, Alan**

EIS Responsibilities: *Outreach Support; Vadose Zone and Particle-Tracking Modeling; MODFLOW Groundwater Flow Field Development Support; Tracking-Log Maintenance*  
Education: A.A., Social Sciences, Columbia Basin College  
Experience: 10 years

**Pietzyk, Sharon**

EIS Responsibilities: *Administrative Record; Quality Assurance; Calculation and Analysis Package Review*  
Education: M.S., Systems Management, University of Southern California  
B.S., Biology, James Madison University  
Experience: 30 years

**Preston, Margaret (Peggy)**

EIS Responsibilities: *Vadose Zone and Groundwater Modeling and Analysis; Co-Manager*–Appendix D, “Waste Inventories,” and Appendix U, “Supporting Information for the Long-Term Cumulative Impact Analyses”  
Education: B.S., Environmental Science, University of Maryland Baltimore County  
Experience: 7 years

**Price, Joseph**

EIS Responsibilities: *Release to Vadose Zone Model; Vadose Zone Modeling and Analysis; Human Health Impacts; Co-Manager*–Appendix K, “Short-Term Human Health Risk Analysis,” Appendix M, “Release to Vadose Zone,” Appendix N, “Vadose Zone Flow and Transport,” and Appendix Q, “Long-Term Human Health Dose and Risk Analysis”  
Education: Ph.D., Chemical Engineering, University of Maryland  
M.S., Chemical Engineering, University of Maryland  
B.Ch.E., Chemical Engineering, University of Dayton  
Experience: 34 years

**Prindiville, Kerry**

EIS Responsibilities: *Groundwater Modeling and Analysis; Quality Assurance; Co-Manager*–Appendix O, “Groundwater Transport Analysis”  
Education: M.S., Environmental Engineering, Washington State University  
B.S., Environmental Science, Washington State University  
Experience: 16 years

**Rhone, Jacquelyn**

EIS Responsibilities: *Manager, Document Production; Quality Assurance; Manager*–Chapter 12, “Index,” and Appendix B, “Contractor and Subcontractor National Environmental Policy Act Disclosure Statements”  
Education: A.Sc., Radiological Health Technology, Central Florida Community College  
Experience: 40 years

**Richardson, John**

EIS Responsibilities: *Industrial Safety; Groundwater Model Development; Co-Manager—Appendix I, “Workforce Estimates,” and Appendix K, “Short-Term Human Health Risk Analysis”*

Education: B.S., General Science, Washington State University

Experience: 17 years

**Robinson, Linda**

EIS Responsibilities: *Project Quality Advisor*

Education: Executive M.B.A., Loyola College  
B.S. Ed., Earth Sciences, Texas Christian University

Experience: 39 years

**Roeser, Steven**

EIS Responsibilities: *Responsible Corporate Manager, SAIC*

Experience: 24 years

**Roohs, Bruce**

EIS Responsibilities: *Cost Impacts Analysis; Scheduling*

Education: B.S., Economics, University of Pittsburgh

Experience: 34 years

**Russell, Perry**

EIS Responsibilities: *Geology and Soils*

Education: M.S., Geological Sciences, California State University, Northridge  
B.A., Geological Sciences, University of California, Santa Barbara

Experience: 24 years

**Schatzel, Sean**

EIS Responsibilities: *Environmental Justice; Quality Assurance; Vadose Zone and Groundwater Modeling; Co-Manager—Appendix J, “Environmental Justice”*

Education: B.A., Political Economics/Public Administration, Bloomsburg University

Experience: 5 years

**Schinner, James**

EIS Responsibilities: *Cumulative Impacts; Ecological Resources; Cultural and Paleontological Resources; Land Use and Visual Resources; Co-Manager—Chapter 3, “Affected Environment,” Chapter 6, “Cumulative Impacts,” Appendix R, “Cumulative Impacts: Assessment Methodology,” and Appendix T, “Supporting Information for the Short-Term Cumulative Impact Analyses”*

Education: Ph.D., Wildlife Management, Michigan State University  
M.S., Zoology, University of Cincinnati  
B.S., Zoology, University of Cincinnati

Experience: 40 years

**Smith, Alison**

EIS Responsibilities: *Technical Editor/Writer; Manager—Chapter 10, “List of Preparers,” and Assistant Manager—Chapter 5, “Long-Term Environmental Consequences”*

Education: B.A., English Language and Literature, University of Maryland

Experience: 5 years

**Spivey, Mary Alice**

EIS Responsibilities: *Deputy Project Manager; Data Development; Manager*—Chapter 1, “Proposed Actions: Background, Purpose and Need,” Chapter 5, “Long-Term Environmental Consequences,” and Chapter 8, “Potentially Applicable Laws, Regulations, and Other Requirements”; *Co-Manager*—Appendix C, “Cooperating Agency, Consultation, and Other Interaction Documentation,” and Appendix S, “Waste Inventories for Cumulative Impact Analyses”

Education: B.S., Environmental Sciences, Florida Institute of Technology

Experience: 29 years

**Stork, Allison**

EIS Responsibilities: *Overall EIS Review*

Education: M.S., Geography, University of Tennessee at Knoxville

B.A., Geography, English, State University of New York at Geneseo

Experience: 5 years

**Upchurch, Audra**

EIS Responsibilities: *Air Quality; Socioeconomics; Water Quality*

Education: M.N.R., Natural Resources, Virginia Polytechnic Institute and State University  
Graduate Certificate, Natural Resources, Virginia Polytechnic Institute and State University

B.S., Forestry; Minor: Environmental Science, Virginia Polytechnic Institute and State University

Experience: 10 years

**Vance, Jenny**

EIS Responsibilities: *Quality Assurance; Microsoft Access and Excel Programming; Ecological Resources Risk Analysis Support*

Education: Graduate Certificate, Computing, University of Cincinnati

B.A., Biology, Maryville College

Experience: 30 years

**Voorhies, Nathan**

EIS Responsibilities: *Groundwater Flow Field Development*

Education: M.A., Philosophy of Science, Ohio State University

B.S., Chemical Engineering, University of Notre Dame

Experience: 19 years

**Waldman, Gilbert**

EIS Responsibilities: *Accident and Human Health Impacts Risk Analysis*

Education: M.S., Engineering Management, Johns Hopkins University

B.S., Nuclear Engineering, University of Florida

Experience: 21 years

**Wells, Diane**

EIS Responsibilities: *Manager, Comment-Response Document Production*

Experience: 30 years

**Werth, Robert**

EIS Responsibilities: *Noise; Air Quality; Manager*—Chapter 4, “Short-Term Environmental Consequences”; *Co-Manager*—Appendix G, “Air Quality Analysis”  
Education: B.A., Physics, Gordon College  
Experience: 38 years

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**COLUMBIA ENERGY & ENVIRONMENTAL SERVICES (CEES)**

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**Hendersen, Colin**

EIS Responsibilities: *Data Development Lead*  
Education: M.S., Environmental Engineering, Washington State University  
B.S., Mechanical Engineering, Washington State University  
Experience: 25 years

**Nichols, David**

EIS Responsibilities: *CEES Manager*  
Education: B.A., Political Science, History, Communications, University of Iowa  
Experience: 30 years

**Reich, Fred**

EIS Responsibilities: *Vadose Zone and Groundwater Flow and Transport Modeling and Analysis*—Draft EIS  
Education: M.S., Electrical Engineering, South Dakota School of Mines  
B.S., Electrical Engineering, South Dakota School of Mines  
Experience: 45 years

**Shields, Keith**

EIS Responsibilities: *Vadose Zone and Groundwater Flow and Transport Modeling and Analysis*—Draft EIS  
Education: M.S. Environmental Science, Washington State University  
B.S., Physics, Whitman College  
Experience: 23 years

**Walker, Brian**

EIS Responsibilities: *Vadose Zone and Groundwater Flow and Transport Modeling and Analysis*—Draft EIS  
Education: B.S., Environmental Science, Washington State University  
Experience: 14 years

**Wilson, Robert**

EIS Responsibilities: *Flowsheet Development*  
Education: M.S., Environmental Systems Engineering, Clemson University  
B.S., Chemical Engineering, Vanderbilt University  
Experience: 14 years

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**Erikson, Robert L.**

EIS Responsibilities: *Professional Geologist and Hydrologist, Vadose Zone and Groundwater Flow and Transport Modeling and Analysis*

Education: M.S., Geochemistry and Mineralogy, Pennsylvania State University

B.A., Geology, State University of New York, Brockport

Experience: 35 years

**Mateyka, Danielle**

EIS Responsibilities: *Vadose Zone and Groundwater Flow and Transport Modeling and Analysis*

Education: B.S., Environmental Science; Minor: Geology, Eastern Washington University

B.S., Biology; Minor: Urban and Regional Planning, Eastern Washington University

Experience: 2 years

**Phipps, Deborah**

EIS Responsibilities: *Vadose Zone and Groundwater Flow and Transport Modeling and Analysis*

Education: B.S., Biology, Texas A&M University

A.A., General Studies, Southwestern College

Experience: 12 years

**Siping, Elizabeth**

EIS Responsibilities: *Vadose Zone and Groundwater Flow and Transport Modeling and Analysis*

Education: B.S., Biology, Eastern Washington University

Experience: 10 years

**Stengle, Ryan**

EIS Responsibilities: *Computer Support and Networking, Vadose Zone and Groundwater Flow and Transport Modeling and Analysis*

Education: B.S., Biology, Central Washington State University

B.S., Anthropology, Central Washington State University

Experience: 7 years

**Yates, Ryan**

EIS Responsibilities: *Vadose Zone and Groundwater Flow and Transport Modeling and Analysis*

Education: B.S., Environmental Science, Washington State University

Experience: 5 years

