
Chapter 5

List of Preparers

Federal Highway Administration

Mark Hasselmann

Qualifications:

- B.S. Environmental Science, Eastern Connecticut State University, 1984
- 20 years experience in procedural and technical guidance to assure compliance of the environmental analysis with federal requirements

Responsibilities:

Procedural guidance and document review

Cheryl Martin

Qualifications:

- B.S. Civil Engineering, University of Maine, 1985
- 26 years experience in transportation project development, including 15 years in procedural and technical guidance to assure compliance of the environmental analysis with federal requirements

Responsibilities:

Procedural guidance and document review

Peter Kleskovic, PE

Qualifications:

- B.S. Civil Engineering, Newark College of Engineering, 1974
- M.S. Civil Engineering, New Jersey Institute of Technology, 1977
- 30 years experience in transportation project development

Responsibilities:

Procedural guidance and document review

Gerald Varney, PE

Qualifications:

- B.S. Civil Engineering, West Virginia University, 1993
- M.S. Civil Engineering, West Virginia University, 1995
- 11 years experience in highway design and engineering

Responsibilities:

Procedural guidance and document review

Cassandra Chase

Qualifications:

- B.S. Civil Engineering, University of Maine, 2010

Responsibilities:

Procedural guidance and document review

Maine Department of Transportation

Russell D. Charette, P.E.

Qualifications:

- A.S. Civil Engineering Technology, University of Maine, 1974
- B.S. Civil Engineering, University of Maine, 1977
- M.B.A. University Of Southern Maine, 1987
- 34 year's experience in multi-modal transportation planning, design and development.

Responsibilities:

Project Management

Richard Bostwick, PWS

Qualifications:

- B.Sc. Biology, Mount Allison University, 1978
- 28 years experience identifying natural resources and assessing impacts from transportation projects

Responsibilities:

Natural environment analysis

Raymond Faucher, PE

Qualifications:

- A.S. Civil Engineering, University of Maine, 1970
- 35 years experience in planning and design of transportation projects

Responsibilities:

Procedural oversight and guidance

Eric Ham

Qualifications:

- University of Maine at Orono, BS in Biology, 2006
- 4 years of experience with environmental field assessments

Responsibilities:

Endangered Species Act Review and Compliance

Edward W. Hanscom

Qualifications:

- B.S. Civil Engineering, University of Maine, 1977
- M.S. Civil Engineering, Purdue University, 1979
- 32 year's experience in transportation planning and traffic engineering

Responsibilities:

Transportation review

Nathan Howard

Qualifications:

- Bachelor of Fine Arts (BFA) in Creative Writing, Environmental Planning, and Geography, University of Maine at Farmington, 2000
- Master of Public Administration (MPA), University of Maine, 2008
- 11 years experience in transportation planning and air quality and noise analysis

Responsibilities:

Air and noise analysis review

Judith Lindsey**Qualifications:**

- B.S. Environmental Planning, Unity College, 1979
- 27 years experience in compliance with NEPA regulations, policies, and documentation requirements; community impact assessment; and social impact assessment methodologies and analysis

Responsibilities:

Study manager document review

Michael Morgan**Qualifications:**

- AS Civil Engineering, University of Maine, Orono, Maine, 1970
- 42 years of experience in transportation analysis

Responsibilities:

Traffic analysis and forecasting

Dan Tierny**Qualifications:**

- 8 years experience in natural resource review and GIS analysis.
- BS in Wildlife Ecology, University of Maine at Orono, 1999
- MS in Biodiversity, Conservation, and Policy, State University of New York at Albany, 2001.

Responsibilities:

Natural resource (vernal pools, stream and wetland review) survey and identification.

Deane C. Van Dusen**Qualifications:**

- A.S. Nursery Management, Stockton School of Agriculture, 1977
- B.S. Plant and Soils Science, University of Massachusetts, 1979
- M.S. Landscape Architecture, University of Massachusetts, 1981
- 25 years experience in landscape design and field studies, including wetland delineation, threatened and Endangered species surveys, wildlife and transportation studies, and wetlands mitigation

Responsibilities:

Mitigation

Cooperating Agencies**U.S. Environmental Protection Agency*****Mark Kern*****Qualifications:**

- B. A. Philosophy, Rider University, 1975
- M.S. Environmental Science, Yale University, 1984
- At EPA for 25 years. Over 20 years in the wetlands program.

Responsibilities:

Wetlands and wildlife review.

U.S. Fish & Wildlife Service

Wende S. Mahaney

Qualifications:

- M.S. Wildlife Science, New Mexico State University, 1987
- 23 years experience in wildlife science

Responsibilities:

Endangered Species Act, NEPA reviews,
CWA permitting

U.S. Army Corps of Engineers

Jay Clement

Qualifications:

- B.A. Zoology, The University of Maine, 1982
- 28 years experience in Corps permitting and enforcement

Responsibilities:

Administering Corps permit program within the State of Maine, Senior Project Manager for Corps Maine Project Office

Maine Historic Preservation Commission

Leon Crammer

Qualifications:

- M.A. Historic Archaeology, The University of Maine, 1988
- 20 years experience in archeological resources

Responsibilities:

Archaeological resources

Michael Johnson

Qualifications:

- M.S. Historic Preservation, University of Vermont, 2002
- 10 years experience in Historic Preservation

Responsibilities:

Historic resources

John P. Mosher

Qualifications:

- MA New England Studies (historic archaeology focus), University of Southern Maine 1991
- 12 years experience with Maine Historic Preservation as archaeologist

Responsibilities:

Archaeological resources

Arthur Spiess

Qualifications:

- PhD in Anthropology (archaeology focus), Harvard University, 1978.
- 33 years as SHPO archaeologist, Maine Historic Preservation Commission.

Responsibilities:

Archaeological resources

Gannett Fleming, Inc.

William M. Plumpton, CEP

Qualifications:

- B.S. Environmental Resource Management, The Pennsylvania State University, 1984
- 25 years experience in environmental impact assessment and NEPA compliance

Responsibilities:

Study manager

Scott W. Duncanson, AICP

Qualifications:

- B.A. Political Science, University of New Hampshire, 1984
- M.U.A. Urban Affairs/Planning, Boston University, 1991

- 23 years experience in environmental planning, land use and socioeconomics, transportation planning, and NEPA compliance

Responsibilities:

Social environmental studies

Katherine E. Sharpe

Qualifications:

- B.A. English, Minor in Environmental Economics, Minor in Business, The Pennsylvania State University, 1999
- M.P.S. Environmental Management, Cornell University, 2003
- 9 years experience in environmental planning, socioeconomic analysis, and NEPA compliance

Responsibilities:

Social environmental studies

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Craig Shirk, AICP

Qualifications:

- B.A. Geoenvironmental Studies, Shippensburg University, 1989
- M.S. Environmental Science, State University of New York, College of Environmental Science and Forestry, 1994
- 17 years experience in environmental planning, transportation planning, and NEPA compliance

Responsibilities:

Natural environment studies

Danielle Stemrich

Qualifications:

- B.A. Environmental Studies, Kings College, 2006
- M.S. Geoenvironmental Studies, Shippensburg University, 2008
- 4 years experience in NEPA compliance

Responsibilities:

Document preparation

Harvey S. Knauer, PE, PLS

Qualifications:

- B.S. Civil Engineering, University of Miami, 1967
- M.C.E. Villanova University, 1974
- 39 years engineering and environmental experience

Responsibilities:

Air quality and noise

Ahmed El-Aassar, EI

Qualifications:

- B.Sc., Civil Engineering, Cairo University, Egypt, 1995
- M.Sc., Water Resources Management, The University of Birmingham, United Kingdom, 1997
- M.Sc., Environmental Engineering, The University of Central Florida, 2002
- Ph.D., Environmental Engineering (noise and air pollution related), The University of Central Florida, 2006
- 13 years experience in noise and air quality analysis

Responsibilities:

Air quality and noise

Daniel W. Farber

Qualifications:

- A.S. Electrical and Electronics Technology, The Pennsylvania State University, 1969
- 33 years experience in noise analysis

Responsibilities:

Noise

Debra L. Plumpton, PG

Qualifications:

- B.S. Geology, Slippery Rock State College, 1978
- M.S. Geological Engineering, University of Missouri-Rolla, 1980
- 28 years experience in geology and groundwater analysis

Responsibilities:

Geology and groundwater

David A. Hamlet, PE

Qualifications:

- B.S. Civil Engineering, Rensselaer Polytechnic Institute, 1992
- M.E. Engineering Science, The Pennsylvania State University, 1995
- 16 years experience in preliminary and final highway design and construction services

Responsibilities:

Preliminary design

Nathaniel S. Kirchner, PE

Qualifications:

- B.S. Civil Engineering, The Pennsylvania State University, 1999
- Open Plan Basics – Project Management, Productivity Point, 2001
- 10 years experience in preliminary and final highway design and construction services

Responsibilities:

Preliminary design

Aaron K. Holt

Qualifications:

- A.S. Specialized Technology, The Art Institute of Philadelphia, 2002
- 10 years experience in graphic design

Responsibilities:

Graphic design and document layout

Russell A. Spangler

Qualifications:

- B.A. Communications and Media Art, Neumann University, 2010
- M.S. Publishing, Pace University, 2012
- 5 years experience in marketing, publication design and editing

Responsibilities:

Graphic Design, document layout and editing

A.K. Environmental

Patricia Riley

Qualifications:

- B.S. Biology/Environmental Science, East Stroudsburg University, 1983
- M.S. Ecology, Rutgers University, 1986
- 24 years experience with environmental studies and permits

Responsibilities:

Right-of-way impact analysis

Doug Avelino

Qualifications:

- A.A.S. Forest Science, Pennsylvania State University, 2006
- 6 years experience with environmental studies

Responsibilities:

Right-of-way data analysis

Julie Cormier

Qualifications:

- B.F.A., Printmaking, University of Iowa, 1977
- Associate of Science, Health Information Technology, University of Maine, 1992
- 7 years experience with real estate research

Responsibilities:

Right-of-way field data collection

TechEdit Services

Constance G. Burt

Qualifications:

- B.S. Social Work, Florida State University, 1972
- 30 years experience as a technical editor

Responsibilities:

Technical editing

Chapter 6

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This EIS was distributed to federal, state, and local agencies with jurisdiction by law or special expertise and to agencies, tribes, and local entities that may be interested in the study.

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Chapter 7

References

American Association of State and Highway Transportation Officials (AASHTO). “A Policy on Geometric Design of Highways and Streets, 5th Edition.” November 2004.

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Problems: Effects of Highway Bypasses on Rural
Communities and Small Urban Areas.” NCHRP
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America*. CRC Press. 2008.

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Penobscot County.” Maine Geological Survey,
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cs_publichomepage.php](http://www.bangormaine.gov/cs_publichomepage.php). Accessed November 2011.

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Brewer, Maine*. City of Brewer. 1995. Town website.
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for Heads of Agencies: Prime and Unique
Agricultural Lands and the National
Environmental Policy Act (NEPA).” Online.
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exec81180.html](http://www.ceq.eh.doe.gov/nepa/regs/exec81180.html). August 11, 1980.

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Guidance on Consideration of the Effects of Climate
Change and Greenhouse Gas Emissions*. February
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Distribution*. University Press of New England. 2001.

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County, ME.” Washington, DC. 1997.

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Hinkley, Shawna. Eddington Town Office. Personal communication. November 21, 2001.

HNTB. Prepared for Maine Turnpike Authority. Interstate 395/Route 9 Transportation Study: Draft Tolling Feasibility Analysis. August 2010.

Johnson, Mike. Review and Compliance Coordinator, Maine Historic Preservation Commission. Personal communication. May 7, 2002.

Karraker, N. "Road De-icers Used Near Wetlands: Are they Worth Their Salt?" *National Wetlands Newsletter*. Volume 28: No.1, January-February 2006.

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