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Chapter 13

List of Preparers

Chapter 13 provides information on primary roles in preparation of the Environmental Impact Statement (EIS). Throughout the EIS process, multiple individuals have contributed in varying degrees related to their areas of expertise. Individual staff involvement has ranged from development of text in the Final EIS, to review of text in the document prepared by others.

13.1 MINNESOTA DEPARTMENT OF COMMERCE, ENERGY ENVIRONMENTAL REVIEW AND ANALYSIS DIVISION

The Department of Commerce, Energy Environmental Review and Analysis Division (DOC-EERA) was the lead agency on behalf of the Minnesota Public Utilities Commission (Commission). The Commission is the Responsible Government Unit for the EIS.

Name, Title	Education and Experience
John Wachtler, Director Energy Environmental Review and Analysis	JD MS, Civil and Environmental Engineering BS, Biology Years of Experience: 20
Jamie MacAlister, Environmental Review Manager	MS, Urban and Regional Planning BS, Botany Years of Experience: 10
Louise Miltich, Environmental Review Specialist	MS, Geosciences BA, Geology and Economics Years of Experience: 11
Andrew Levi, Environmental Review Specialist	MS, Public Administration BS, Philosophy and Political Science Years of Experience: 8
David Birkholz, Environmental Review Manager	BS, Philosophy Years of Experience: 20
Raymond Kirsch, Environmental Review Manager	JD MS, Agronomy BS, Nuclear Engineering Years of Experience: 9

13.2 ENVIRONMENTAL IMPACT STATEMENT PREPARATION TEAM

DOC-EERA was supported by Cardno, Inc. in preparing the Draft EIS. DOC-EERA was supported by Ecology and Environment, Inc. in preparing the Final EIS. Each EIS team included project management, a range of resource specialists, technical writers, and geographic information system analysts.

Name, Title	Education and Experience
Cardno Consulting	
Wayne Kicklighter, Technical Director	MS, Aquatic Biology BS, Biology Years of Experience: 27
John Robinson, Senior Consultant	BA, Architecture Years of Experience: 45
Adam Bonin, Program Manager II	PhD, Biology BS, Environmental Management Years of Experience: 19
Sarah Jenniges, Project Scientist/Senior GIS Consultant	MS, Environmental GIS and Remote Sensing BA, Geography Years of Experience: 19
Lynn Noel, Senior Project Scientist	MS, Natural Resources – Fisheries BS, Biology Years of Experience: 30
Jeanette Brena, Senior Consultant	MS, Environmental Engineering BS, Civil and Environmental Engineering Years of Experience: 19
Kimberly Sechrist, Senior Project Scientist	MS, Environmental Science BS, Biology Years of Experience: 11
Jennifer Ferris, Senior Archaeologist	MA, Anthropology BA, Anthropology Years of Experience: 16
Steve Bartell, Practice Group Manager	PhD, Oceanography and Limnology MS, Botany BA, Biology Years of Experience: 44
Adele Clouse, Senior Staff Scientist	BA, Biological Anthropology Years of Experience: 3
Alison Uno, Senior Project Scientist	MS, Sustainable Environmental Management BS, Marine Biology Years of Experience: 12
Ingrid Kimball, Senior Staff Scientist	MS, Forest Resources BS, Biology Years of Experience: 13

Name, Title	Education and Experience
Ecology and Environment, Inc.	
Eric White, Project Manager	MA, International Conflict Analysis BS, Chemical Engineering Years of Experience: 27
Leslie Kirchler-Owen, Cultural Resource Specialist	PhD, Landscape Architecture PhD, Urban, Technological, and Environmental Planning MA, Landscape Archaeology BS, City and Regional Planning BA, Archaeology and Anthropology Years of Experience: 19
David Trimm, Water Resource Specialist	MS, Invertebrate Zoology/Marine Biology BS, Aquatic Biology/Chemistry Years of Experience: 39
Will Farrar, Geologist and Oil Spill Specialist	BS, Geology Years of Experience: 29
Neil Brown, P.E., Engineer	MS, Systems Engineering BS, Chemical Engineering Years of Experience: 31
Katie Baker, Wildlife Specialist	MS, Biology BS, Marine Biology/Environmental Science Years of Experience: 11
Sean Fox, Socio-Economic Specialist	MS, Environmental Science MPA, Public Affairs BA, Economics BA, German Years of Experience: 7
Amol Kulkarni, Air Specialist	B.Eng., Chemical Engineering MS, Environmental Engineering Years of Experience: 15
Zachary Michalk, Land Use Specialist	BS, Urban and Regional Sciences Years of Experience: 4
Deepali McCloe, Environmental Justice Specialist	MUP, Urban Planning BA, English Years of Experience: 16

13.3 ASSISTING MINNESOTA STATE AGENCIES

Name, Title	Education and Experience
Minnesota Department of Natural Resources	
Randall Doneen, Environmental Review Unit Supervisor	BS, Environmental Biology Years of Experience: 24
Lisa Fay, Environmental Review Project Manager	BS, Natural Resources and Environmental Studies Years of Experience: 20
Lisa Joyal, Endangered Species Review Coordinator	MS, Wildlife Ecology BS, Wildlife Biology BS, Zoology Years of Experience: 25
Ellen Considine, Groundwater Specialist	MS, Hydrogeology BS, Geological Engineering Years of Experience: 12
Michele Walker, Northwest Regional Groundwater Specialist	MS, Soil Biochemistry BS, Geology Years of Experience: 26
Rian Reed, Northwest Region Area Hydrologist	BS, Biology and Health Years of Experience: 27
Brooke Haworth, Regional Plant Ecologist	MS, Forest Resources BS, Environmental Studies Years of Experience: 16
Christine Herwig, Regional Nongame Specialist	MS, Natural Resources BS, Conservation Biology Years of Experience: 13
Minnesota Pollution Control Agency	
Peter Ciborowski, Environmental Research Scientist	MA, Public Affairs Years of Experience: 35
Dan Card, Pollution Control Specialist Principal	BCE, Civil Engineering Years of Experience: 29
Bill Sierks, Manager Environment & Energy Section	JD BA, Government Years of Experience: 39
Steve Sommer, Planner Principal	BA, Earth Science Years of Experience: 30
Mark Toso, Hydrologist	BS, Geology Years of Experience: 30
Adele Clouse, Senior Staff Scientist	BA, Biological Anthropology Years of Experience: 3
Alison Uno, Senior Project Scientist	MS, Sustainable Environmental Management BS, Marine Biology Years of Experience: 12

Name, Title	Education and Experience
Ingrid Kimball, Senior Staff Scientist	MS, Forest Resources BS, Biology Years of Experience: 13

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