



Michael E. Timpson, Ph.D., L.P.S.S.
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Mike Timpson is a Senior Consultant at Natural Resource Group, LLC (NRG) and the Office Manager in NRG's Portland office. Mike has been working in the industry since 1997 and has expertise in soil, geological, and wetland resources for natural gas pipeline and liquefied natural gas (LNG) projects under the jurisdiction of the Federal Energy Regulatory Commission (FERC). He manages projects and coordinates the efforts of natural resource subconsultants. Mike has experience preparing Environmental Report Applications for several FERC 7(c) pipeline projects, as well as preparation of federal, state, and local permits necessary for the construction and operation of natural gas and petroleum pipelines. He also has extensive experience preparing sections for third-party Environmental Impact Statements (EISs) and Environmental Assessments (EAs) for a number of lead federal agencies.

Selected Project Experience

- WBI Energy Transmission – Wind Ridge Pipeline Project, April 2014 –present, 96-miles of 16-inch-diameter pipeline, two meter stations, and associated facilities in North Dakota: Project Manager responsible for overseeing the preparation of the FERC 7(c) environmental report application, including authoring Resource Report 10 (Alternatives), preparation of an applicant-prepared draft Environmental Assessment, biological and cultural resource surveys, federal and state permitting, and public affairs support.
- Texas Gas Transmission, LLC – Texas Gas Abandonment Project, February 2013 to present, 568 miles of 26-inch-diameter pipeline and associated facilities in Kentucky, Tennessee, Mississippi, Arkansas, and Louisiana: Project Manager responsible for overseeing the preparation of the FERC section 7(b) environmental report application, including authoring Resource Report 1 (Project Description), and providing quality assurance for the rest of the environmental application.
- Northwest Pipeline, GP – Kalama Lateral Pipeline Project, November, 2011 – 2012, 3.1 miles of 16-inch-diameter natural gas pipeline, a new meter station, and pig launcher/receiver facilities in Cowlitz County, Washington: Project Manager responsible for overseeing the preparation of the FERC section 7(c) Environmental Report Application, including authoring Resource Reports 1 (Project Description) and 10 (Alternatives), and assisting with Clean Water Act permitting.
- Williams Gas Pipeline, Project Manager – Pipeline Feasibility Study and Cost Estimate, October – December 2011, Environmental Permitting and Cost Estimate for 68- and 98-mile-long, 24-inch-diameter pipeline routes and associated aboveground facilities in southeastern Virginia: The cost estimates included use of the FERC pre-filing process, federal and state permitting, protected species consultations and biological surveys, cultural resource consultations and surveys, preparation of National Environmental Policy Act (NEPA) documents, construction inspection and compliance monitoring, and environmental and cultural resource mitigation.
- Portland General Electric Company, Cascade Crossing Transmission Project, October, 2010 – June 2013, 215 miles of new 500 kilovolt (kV) electric transmission line, upgrade of an existing 230 kV line, and related facilities in Oregon: Deputy Project Manager for the preparation of a third-party EIS for the U.S. Forest Service, preparing the project description and Alternatives section, the Traffic and Transportation section, and portions of the Vegetation and Water Resources sections of the EIS, and providing QA/QC oversight for the document.
- Alliance Pipeline, LP, Tioga Lateral Pipeline Project, 2011 – 2012, about 80 miles of natural gas pipeline and a new compressor station in North Dakota: Project team



member responsible for preparation of Resource Reports 2 (Water Use and Quality) and 6 (Geological Resources), section of the applicant-prepared EA for Water Resources and Geology; for the FERC section 7(c) Environmental Report Application. Managed the subconsultant conducting wetland and waterbody surveys, coordinated with the U.S. Army Corps of Engineers on jurisdictional determinations and prepared the pre-construction notification for Section 404, Nationwide Permit 12 application.

- Spectra Energy Corporation, New Jersey – New York Expansion Project, 2011 – 2012, 20 miles of multi-diameter natural gas pipeline and related aboveground facilities in New Jersey and New York: Project team member responsible for preparing the Wildlife and Aquatic Resources section; assisted with non-pipeline Alternatives section for a FERC third-party EIS.
- Liberty Natural Gas, Liberty Natural Gas Deepwater Port, September 2010 – February 2011, an offshore natural gas receiving terminal, 44 miles of offshore 36-inch-diameter pipeline in the Atlantic Ocean and Raritan Bay, and 9 miles of onshore 36-inch-diameter pipeline in New Jersey: Project team member responsible for preparing the offshore sediments section of a third-party EIS for the U.S. Coast Guard Deepwater Ports Standards Division; U.S. Maritime Administration; and cooperating agencies, including the FERC.
- Sierra Pacific Power Company, Electric Transmission Line Routing and Feasibility Study, 2009, 25 to 50 miles of 345 kV transmission lines (two) in Nevada: Project Manager responsible for preparing a report to identify and rank potential route alternatives.
- ConocoPhillips/BP, Denali – The Alaska Gas Pipeline Project, 2008, 1,700 miles of 48-inch-diameter natural gas pipeline originating on the North Slope of Alaska and terminating near Calgary, Alberta, Canada: Project team member responsible for study planning for soils and geological resources.
- Guardian Pipeline, LLC, Guardian Expansion and Extension Project, 2006 – Present, 119 miles of 30-, 20-, and 16-inch-diameter natural gas pipeline and two new compressor stations in Illinois and Wisconsin: Project Manager responsible for overseeing the preparation of the FERC section 7(c) Environmental Report Application, including authoring Resource Report 1 (Project Description), and federal, state, and local permitting. Also managing construction and monitoring of a compensatory wetland mitigation site in eastern Wisconsin, and post-construction monitoring of wetlands and agricultural impacts along the pipeline.
- Transcontinental Gas Pipe Line Corporation, Leidy to Long Island Expansion Project 2005, 51 miles of natural gas pipeline in Pennsylvania and New Jersey: Project Manager responsible for overseeing the preparation of the FERC section 7(c) Environmental Report Application and applicant-prepared EA, including preparing Resource Report 1 (Project Description) and assisting with Resource Report 10 (Alternatives).
- Transcontinental Gas Pipe Line Corporation, Central New Jersey Expansion Project, 2004, 3.9 miles of natural gas pipeline in New Jersey: Project team member responsible for preparing FERC Resource Reports 6 (Geology) and 7 (Soils), conducting wetland delineations, and assisting with preparing wetland permit applications.
- Questar Pipeline Company, Southern System Expansion Project, 2003 – 2004, about 20 miles of natural gas pipeline in Utah: Project team member responsible for supervising the preparation of Resource Reports 6 and 7 (Geology and Soils) for the FERC section 7(c) Environmental Report Application.
- EnCana Oil & Gas (USA) Inc., Entrega Gas Pipeline Project, 2003 – 2004, 327 miles of 42- and 36-inch-diameter natural gas pipeline in Colorado and Wyoming: Project team member responsible for preparing Resource Report 7 (Soils) for the FERC section 7(c) Environmental Report Application.



- Guardian Pipeline, LLC, Guardian Pipeline Project, 1999 – 2002, 149 miles of 36-inch-diameter natural gas pipeline in Illinois and Wisconsin: Project team member responsible for conducting and supervising wetland delineations and topsoil depth surveys, performing data quality control and electronic data transfer to project engineering firm, and managing surveys for endangered and threatened species.
- Pearl Crossing LNG Terminal LLC and Pearl Crossing Pipeline LLC (ExxonMobil), Pearl Crossing LNG Project, 2004 – 2005, 170 miles (two 53-mile-long offshore pipelines and one 64-mile-long onshore pipeline) of 42-inch-diameter natural gas pipeline and an offshore LNG import terminal in the Gulf of Mexico and Louisiana: Project team member responsible for preparing the Soils and Sediments sections of a FERC and U.S. Coast Guard third-party EIS.
- Creole Trail LNG Terminal and Pipeline Project, 2005 – 2006, an LNG terminal and 123.6 miles of send out pipeline in Louisiana: Prepared the sediments section for the LNG terminal and assisted with the Soils and Wetlands sections.
- ExxonMobil, Vista Del Sol LNG Terminal Project, 2004 – 2005, LNG import terminal and 27-mile pipeline near Corpus Christi, Texas: Project team member responsible for preparing the Sediments and Soils sections of a FERC third-party EIS.
- Gulf LNG Energy, LLC and Gulf LNG Pipeline, LLC, Gulf LNG Clean Energy Project, 2005 – 2006, 5 miles of 36-inch-diameter natural gas pipeline and an LNG import terminal in Mississippi: Project team member responsible for preparing the Dredging and Sediment Analysis section of the EIS; also provided oversight on the Soils section.
- Bradwood Landing, LLC and NorthernStar Energy, LLC, Bradwood Landing LNG Project, 2005 – 2006, 36 miles of 30- and 36-inch-diameter natural gas pipeline and an LNG import terminal in Oregon, Washington: Project team member responsible for preparing the Dredging and Sediment Analysis section of the draft EIS.
- KeySpan LNG, L.P., KeySpan LNG Facility Upgrade Project, 2004 – 2005, an LNG facility expansion in Rhode Island: Project team member responsible for preparing the Soils, Sediments, and Alternatives sections for a FERC third-party EIS.
- Crown Landing, LLC, Crown Landing LNG Terminal, 2005 – 2006, an LNG storage facility and 11 miles of natural gas pipeline in New Jersey, Delaware, and Pennsylvania: Project team member responsible for preparing the Soils and Sediments sections of a FERC third-party EIS.
- Weaver's Cove Energy, LLC, Weaver's Cove LNG Project, 2004 – 2005, an LNG terminal facility and 6 miles of natural gas pipeline in Massachusetts: Project team member responsible for preparing the Soils and Sediments sections of a FERC third-party EIS.
- Cheyenne Plains Gas Pipeline Company, LLC, Cheyenne Plains Pipeline Project, 2003 – 2004, 387 miles of 36-, 30-, 20-, and 8-inch-diameter natural gas pipeline, one new compressor station, and modifications to one existing compressor station in Colorado and Kansas: Project team member responsible for preparing the Groundwater, Soils, and Geology sections of a FERC third-party EIS.
- Hackberry LNG Terminal, LLC, Hackberry LNG Terminal Project, 2002 – 2003, an LNG plant in Louisiana: Project team member responsible for preparing the Soils section of a FERC third-party EIS.
- Williams, Chacahoula Gas Storage Project, 2001 – 2002, natural gas cavern storage and pipeline in Louisiana: Project team member responsible for preparing Resource Report 7 (Soils) for the FERC section 7(c) Environmental Report Application and the Soils section of the applicant-prepared EA.
- Kern River Gas Transmission Company, Kern River 2003 Expansion Project, 2002, 717 miles of natural gas pipeline and three new compressor stations and modifications to six existing compressor stations in Wyoming, Utah, Nevada, and California: Project



team member responsible for conducting third-party compliance monitoring for the FERC, and overseeing pre-construction plant salvage operations on Spreads 8 and 9 in Nevada and eastern California.

- Alaska Gas Pipeline Producers Team, Alaska Gas Pipeline Project, 2001 – 2002, 1,628 miles of natural gas pipeline in Alaska, North Dakota, Minnesota, Iowa, and Illinois: Project team member responsible for preparing Resource Report 7 (Soils) for the FERC section 7(c) Environmental Report Application.
- NRG Energy, Inc. Arthur Kill Pipeline Project, 2002 – 2004, 2.3 miles of natural gas pipeline in New York: Project team member responsible for preparing the Soils and Geology sections of New York State Public Service Commission Article VII application.
- Georgia Strait Crossing Pipeline LP, Georgia Strait Crossing Pipeline Project, 2001 – 2002, 47 miles of 20- and 16-inch-diameter natural gas pipeline and one compressor station in Washington State and the Strait of Georgia: Project team member responsible for preparing Geology, Soils and portions of the Water Resources sections for a FERC third-party EIS.
- Kinder Morgan Inc., Illinois Power Lateral Project, 2001, 49 mile-long natural gas pipeline in south-central Illinois, managed wetland delineations and threatened and endangered species surveys.

Education and Training

- Ph.D., Plant and Soil Science, University of Tennessee, Knoxville, Tennessee, 1992
- M.S., Soil Science, North Dakota State University, Fargo, North Dakota, 1985
- B.S., Natural Resources, University of Rhode Island, Kingston, Rhode Island, 1982
- Licensed Professional Soil Scientist, Wisconsin #174-112
- FERC, Environmental Report Preparation Seminar, 2014
- FERC, Environmental Compliance Seminar, 2014