

**William F. McCarthy, CWB**

Docket No. AD04-4-000

Application for Panel Member List for Hydropower Licensing Study Dispute Resolution

**Statement of Interest**

I look forward to the opportunity to participate in the Integrated Licensing Process by serving on a dispute resolution panel. My contribution in the dispute resolution process will be unbiased and objective. When serving on a panel I will draw upon my education and professional experience to evaluate the information offered.

**Technical Expertise**

Certification

2002 Certified Wildlife Biologist. I have satisfied the education and professional work experience requirements established by The Wildlife Society for certification.

Professional Experience

1996 to Present. Natural Resource Group, Inc. Environmental consultant providing regulatory compliance services to natural gas, natural gas liquids and petroleum pipeline operators. Primary services are related to the procurement federal, state and local permits and authorizations including:

- Clean Water Act authorizations (Sections 401, 402 and 404)
- National Pollutant Discharge Elimination System
- Natural Gas Act Licensing
- National Environmental Protection Act
- Endangered Species Act
- National Historic Protection Act (Section 106)
- National Forest Special Use Permit
- State Wetland and Waterbody Crossing Permits
- State and Local Sediment and Erosion Control Permits
- Local Watershed Permits

I have direct experience working with the following federal agencies and Native American reservations:

- Federal Energy Regulatory Agency
- United States Forest Service
  - Chippewa National Forest
  - Chequamegon National Forest
  - Ottawa National Forest
  - Hiawatha National Forest
- Environmental Protection Agency

- United States Army Corps of Engineers
- United States Coast Guard
- United States Department of Transportation
- Leech Lake Reservation, MN
- Fond du Lac Reservation, MN
- Bad River Reservation, WI
- Isabella Reservation, MI

Federal actions require support documents that demonstrate compliance with regulatory obligations and protocols. The process of obtaining a federal authorization frequently requires that the concerns of multiple interested parties be identified, verified and mitigated. Through these processes I have managed and directed the following activities:

- Threatened and endangered species consultations, surveys and mitigation plans
  - Botanical, mammal, avian, and aquatic (i.e.; fish, insect and mussel)
- Cultural resource consultations, surveys and mitigation plans
  - Literature reviews, phase one studies and tribal consultations
- Wetland and waterbody surveys and mitigation plans

#### Education and Professional Training

2003 Candidate Conservation Agreements with Assurances Workshop, USFWS Lansing, MI. A professional workshop sponsored by the USFWS offered regionally to train professionals with respect to Candidate Conservation Agreements to manage protected species and their habitats.

2003 Safe Harbor Agreements Workshop, USFWS Lansing, MI. A professional workshop sponsored by the USFWS offered regionally to train professionals with respect to Safe Harbor Agreements to manage protected species and their habitats.

1996 FERC Natural Gas Pipeline Environmental Compliance Workshop, Denver CO. A professional workshop sponsored by FERC to train professionals with respect to environmental compliance issues related to regulated natural gas construction activities.

1996 FERC Environmental Report Preparation Seminar, Denver CO. A professional workshop sponsored by FERC to train professionals with respect to the preparation of environmental reports required to be filed with FERC for regulated natural gas construction activities.

1991 to 1995 Master of Science, University of Minnesota, Fish and Wildlife Department; *Direct and Indirect Impacts of Esfenvalerate on Wetland Biota*. I conducted a two year *in situ* study to assess the direct impacts of a synthetic pyrethroid insecticide on endemic prairie pothole aquatic macroinvertebrate populations and subsequent indirect impacts on duckling behavior and survival.

1987 to 1991 Bachelor of Science, Michigan State University, Fish and Wildlife Department.  
My major area of study was wildlife biology with fisheries biology as a minor.

<u>Relevant Course Work</u>	<u>Semester Hours</u>
Upland Wildlife Management	2.0
Wetland Ecosystem Management	2.0
Upland & Wetland Ecosystem Laboratory	1.3
Fishery Biology and Management	3.35
Wildlife Resource Policy and Management	2.68
Ornithology	3.35
Mammology	2.68
Ichthyology	2.68
General Entomology	2.0
General Entomology Laboratory	1.34
Fish and Wildlife of North America	3.35
Avian Physiology /1	2.68
Wildlife Biometry	2.68
Wildlife Population Analysis	2.68
Animal Ecology	2.68
Ecosystem Processes	2.0
Limnology	2.0
Limnological Methods	2.0
Environmental Physiology	2.68
Exotic Species /1	0.75
Forest Vegetation	2.68
Forest Ecology	2.68
Earth Processes	2.68
Fundamentals of Soil Science	2.68
General Environmental Toxicology /1	2.68
Toxicology /1	2.68
Neurotoxicity of Organophosphates /1	1.34
Pollution Impacts to Aquatic Systems /1	2.68

/1 Graduate course work

### **Hydroelectric Knowledge**

I have no professional experience with respect to hydroelectric projects. However, I have extensive experience working on large scale construction projects and smaller scale operations and maintenance activities related to energy infrastructure. I understand the principals of siting a hydroelectric generating facility as well as fundamental operating principles of this type of facility. My educational background coupled with my professional experience offer an experienced and well informed position when evaluating environmental, regulatory, operational and special interest issues. I feel my background will serve to provide a well rounded foundation to evaluate project specific information provided to panel members resolving a disputed study.

### **Regulatory Expertise**

I have eight years of professional experience working with energy infrastructure projects. The experiences that I have gained in this arena include siting, construction, operations and maintenance. As detailed previously, I have extensive knowledge and experience procuring federal, state and local authorizations. I provide the following list of recent projects I have been involved with:

2003 to Present BP Dome Environmental Compliance Program. I am managing the development and implementation of an environmental compliance program for 1,200 mile natural gas liquids pipeline and support facilities. This program is comprised of best management procedures for pipeline construction, operations and maintenance activities.

2002 to Present BP Dome Cochin Assurance Program. I am managing environmental compliance for a 1,200 mile natural gas liquids pipeline which is undergoing a battery of tests and procedures to verify compliance with the operating standards of the Department of Transportation, Office of Pipeline Safety.

2002 ANR El Paso Pipeline NorthLeg Project. Provided oversight and support preparing environmental resource reports (i.e.; wetlands and waterbodies, land use and cultural resources) submitted for a 7c FERC filing.

2002 Great Lakes Gas Transmission Company Pipeline Inspection and Recoating Project. Managed environmental compliance for a pipeline inspection and recoating project. Project activities required Temporary Special Use Permits (TSUP) from the Chippewa and Ottawa National Forests. Biological surveys were conducted to support the preparation of Biological Evaluation as required for the forest service decision memo and TSUP authorization. Tribal consultations were conducted with the Leech Lake Reservation with respect to cultural resources including traditional cultural properties.

**Communication**

Eight years of professional consulting experience has honed my communication skills. I have learned to identify the middle ground of a contested issue and bring the interested parties together through compromise. As an environmental consultant, I have gained an appreciation of industry interests and have learned how to satisfy those needs without compromising environmental compliance, to do so successfully I needed to develop a working knowledge of environmental regulations. This combination of knowledge and experience has enabled me to manage expectations, facilitate compromise, identify alternatives and solutions, thereby successfully managing environmental compliance on wide a range of projects by bringing industry and regulators together.

**References**

The Wildlife Society  
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