



**MARTIN & NICHOLSON**  
ENVIRONMENTAL CONSULTANTS



**Martin & Nicholson Environmental Consultants, LLC (M&N) is a small, Utah-based firm specializing in natural resource consulting, environmental compliance, and permitting for renewable energy projects.**

**WHY HIRE M&N?**

**EXPERIENCED** - M&N staff have been designing and conducting pre and post construction natural resource inventories and assisting clients with critical issue analyses, compliance, and permitting for renewable energy projects since 2002.



**ENGAGED** - Since the company was founded in April 2018, M&N has been engaged in natural resource surveys, environmental due diligence, and permitting work for multiple renewable energy projects throughout the Intermountain West.

**CLIENT-FOCUSED** - M&N's Principal Ecologist and Project Manager spent nearly 3 years as a Project Development Manager and Environmental Affairs and Permitting Director in the renewable energy industry. We know the challenges project developers face based on first-hand experience.



**RESPONSIVE** - M&N staff can be under contract and on the ground within days of being contacted.

**A GREAT VALUE** - When you hire M&N, you get senior staff working on your project at rates lower than what many firms can offer.



**SELECT SERVICES OFFERED FOR RENEWABLE ENERGY PROJECTS**

**Environmental Planning**

- Environmental Due Diligence
  - Critical Issues Analyses
  - Phase I Environmental Site Assessments
- Facility Siting Studies
- Plans of Development
- NEPA Compliance
- Conditional Use Permit Applications
- Public Engagement

**Wetlands and Waters of the U.S.**

- Wetland Delineations and Functional Assessments
- CWA Section 404 Permitting
- Wetland Mitigation and Restoration Design

**Vegetation Resources**

- Plant Surveys and Community Mapping
- Revegetation and Weed Management Plans
- Weed Surveys and Monitoring

**Wildlife Resources**

- Wildlife Surveys and Habitat Assessments
- BGEPA Compliance
  - Eagle Nest Surveys and Monitoring
  - Eagle Use Surveys
- MBTA Compliance
  - Avian Use and Presence-Absence Surveys
  - Pre-construction Nest Clearance Surveys
  - Migratory Bird Conservation Strategies
- ESA: Biological Assessments

**Visual Resources**

- BLM and USFS Contrast Analyses
- Viewshed Analyses and Visual Simulations

**Support Services**

- Wildlife, Plant, & Wetlands Data Analysis
- GIS-based Spatial Analysis and Mapping
- Project Management
- Conflict Resolution and Mediation



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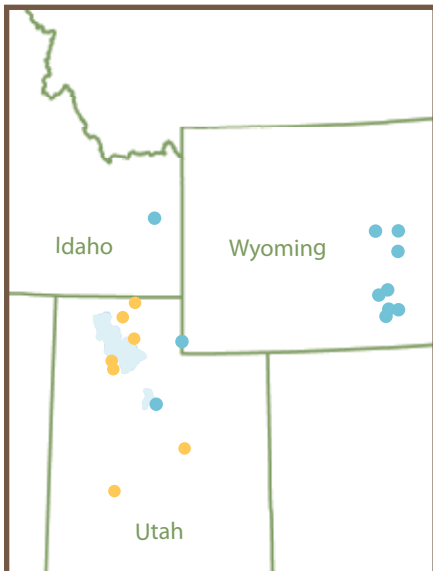
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**SELECT SOLAR PROJECTS**

**Confidential Photovoltaic Project. Emery County, UT. Ongoing**

M&N has been contracted to conduct natural and cultural resources surveys and assist with permitting of a solar photovoltaic facility located in Emery County, Utah. To date, M&N has completed an aquatic resources inventory, habitat assessment, visual simulations, and a Phase I environmental site assessment for the Project. We have also prepared a conditional use permit (CUP) application for the Project and submitted it to Emery County for review.

**Cove Fort Solar Environmental Assessment. Beaver County, UT. Ongoing**

As a subcontractor to AECOM Technical Services, Inc., M&N is developing an EA for the BLM and a county conditional use permit application for a 40-MW solar photovoltaic project proposed by Enel Green Power North America.

**Confidential Photovoltaic Project. Tooele County, UT. 2018**

M&N was contracted to conduct natural resources surveys and assist with permitting of a solar photovoltaic facility located in Tooele County, Utah. To date, M&N has completed an aquatic resources inventory, habitat assessment, and a Phase I environmental site assessment for the Project. We also prepared a CUP application for the Project which was approved by the Tooele County Planning Commission in December 2018.

**Confidential Photovoltaic Project. Box Elder County, UT. 2018-2019**

M&N was contracted to conduct natural resources surveys and assist with permitting of a solar photovoltaic facility located in Box Elder County, Utah. M&N has completed an aquatic resources inventory, habitat assessment, and a Phase I environmental site assessment for the Project. We also assisted in the preparation of a site plan review application, which was submitted to Box Elder County Planning Commission.

**Confidential Solar Siting Assessment. Weber County, UT. 2018**

To determine suitable locations for a solar facility in Weber County, M&N identified sites, conducted field reconnaissance to document current conditions, and developed a siting criteria matrix. This process also included a literature review of solar siting suitability criteria, compilation of results in map and table format, and prioritization of sites based on suitability criteria.

**SELECT WIND PROJECTS**

**Confidential Wind Project. UT. Ongoing**

M&N and subcontractors HawkWatch International and ESE Partners are conducting large - and small-bird avian use studies, aerial eagle and other raptor nest surveys, ground-based eagle nest monitoring, and acoustic bat monitoring for this proposed 100-MW wind energy project located in northern Utah. M&N has also completed a habitat assessment and a conditional use permit application for the project.

**Horse Butte Wind Project Eagle Fatality Monitoring. ID. Ongoing**

M&N and subcontractor CORE Consultants have been contracted by Utah Associated Municipal Power Systems (UAMPS) to conduct eagle fatality monitoring and associated searcher efficiency and carcass persistence trials in accordance with the terms and conditions of the Project's eagle take permit. Monitoring was initiated in April 2019 and will continue through March 2021. M&N will use GenEst to perform the data analysis and fatality estimate upon completion of the study.

**Leaning Juniper Wind Power Project and Marengo I and II Wind Facilities. OR and WA. Ongoing**

As a direct contractor to PacifiCorp, M&N used R software to complete the collision risk modeling assessments and reports for bald and golden eagles at these wind facilities in Oregon and Washington.

**Roundhouse Wind Park, Laramie County, WY. 2017 - 2018**

Prior to joining M&N, Spencer Martin assisted Roundhouse Renewable Energy, LLC, with preparing an ECP Stage I desktop site assessment for this proposed 80-turbine wind project southwest of Cheyenne. Mr. Martin also conducted agency coordination, designed and implemented large -and small-bird avian use studies, and led aerial and ground-based eagle nest survey and monitoring efforts.

**Wind Repowering Project Permitting Assessments and FAA Aeronautical Studies. WY. 2017 - 2018**

As a direct and indirect contractor to PacifiCorp, M&N has prepared permitting assessments for the proposed repowering of PacifiCorp's Wyoming wind projects. As part of this effort, we have identified the federal, state, and local permitting requirements applicable to each project, evaluated permitting costs, and developed schedules needed to meet the repowering projects' respective CODs. Mr. Martin also served as PacifiCorp's agent in initiating aeronautical studies for these projects through the FAA's OE/AAA web portal.

**Pioneer Wind Park I and II, Converse County, WY. 2010 - 2012**

While employed with Wasatch Wind Intermountain, M&N's Spencer Martin managed multiple contractors conducting pre-construction vegetation, wetlands, aquatic, wildlife, cultural, and economic studies for two 50-MW wind energy facilities proposed for development in Converse County, Wyoming. Mr. Martin compiled, edited, and wrote substantial portions of the Wyoming Industrial Siting Act Section 109 Permit Application prepared for the projects and served as Wasatch Wind's primary point of contact with the WGFD, SHPO, and USFWS.