

Statement of Qualifications

EXECUTIVE SUMMARY

Natural Resources Management Corporation (NRM), established in Eureka, California in 1970, is an employee owned certified small business that specializes in forestry and environmental consulting. NRM is organized into two divisions – a *Forestry Division* offering a full range of forestry services (timber harvesting plans, land management, due diligence and appraisals) and an *Environmental Division* that conducts biological surveys and assessments, regulatory compliance, and land use planning. NRM provides multi-disciplinary professional services in natural resources inventory, analysis, appraisal, planning and management primarily throughout the western United States. NRM's professional staff includes experienced forestland and timber appraisers, forestland managers specializing in timber inventories and all aspects of timber resource planning, and a diverse environmental resources staff with specialists in the fields of wildlife, botany, geology, hydrology, wetlands, and GIS cartography. For 39 years, NRM has been meeting the needs of clients in every sector – federal, state and local agencies, private landowners, major timber companies, utility companies, law firms and Native American tribes.

The services provided by NRM include wildlife management, watershed analysis, fisheries management, geology/watershed management, watershed rehabilitation, botanical surveys, range inventories, feasibility studies, environmental assessments, vegetative analysis, timber and timberland appraisal services, litigation support services, timber inventories, forest management, logging engineering, timber and log marketing and complete mapping services. The nature of these services is most commonly triggered by regulatory compliance; the application of, and adherence to, a combination of local, state and federal environmental regulations. Consequently, NRM performs all of the permitting requirements and documentation necessary to comply with applicable regulations; for instance, the California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA), Clean Water and Air Acts, Endangered Species Act, Coastal Act and California Forest Practice Act, to name a few.

To meet the needs of clients, NRM offers an excellent array of natural resource managers with experience and insight into the regulatory framework. The NRM professional staff of resource specialists includes experienced botanists, wildlife and fisheries biologists, geologists, hydrologists, forest land appraisers, forest inventory specialists, photogrammetrists, logging engineers and general forest managers. The support staff provides computer, cartographic and clerical support personnel. NRM's facilities are well equipped with a photogrammetric, mapping and drafting section, computer facilities, Map Info™ and Arc View™ Geographic Information Systems (GIS), an extensive up-to-date resource library and a fleet of vehicles and an inventory of all necessary field equipment.

Regulations and methodologies for the management of natural resources are constantly undergoing changes. To stay informed with the latest in social and technical adoptions, NRM's staff stays involved in professional organizations such as the California Licensed Foresters Association, the Appraisal Institute, the American Society of Farm Managers and Rural Appraisers, California Botanical Society, the Society of Wetland Scientists, the Geological Society of America, the Wildlife Society, Pacific Seabird Group, American Fisheries Society, Salmonid Restoration Federation, the California Native Plant Society, the Association of Consulting Foresters, Society of American Foresters and the Western Forestry and Conservation Association. This ensures current knowledge of changes in the sciences as well as technical and governmental regulations.

Areas of specific expertise include the following brief descriptions:

- **Appraisals:** NRM has two Certified General Real Estate Appraisers who conduct forestland appraisals, feasibility studies, marketing and negotiation services and litigation support.
- **Botany and Wetlands:** NRM Botanists conduct surveys, habitat assessments, mitigation & monitoring plans, impact analyses, consultations for endangered, threatened and other special-status species. NRM Wetland Specialists conduct wetland assessments, delineations, typing & mapping, mitigation plans, monitoring plans, restoration plans and invasive species management.
- **GIS/Cartography:** NRM's Cartographic Division has MapInfo & ArcView GIS capabilities.
- **Environmental Planning, Consultations, & Documentation:** NRM Environmental Planners and resource specialists prepare all types of documents and permit applications for CEQA & NEPA compliance.
- **Forestry & Forest Engineering:** NRM staffs several Registered Professional Foresters who prepare timber harvest plans, non-industrial timber management plans, and land management plans for a diversity of private landowner and industry clientele. The staff also conducts timber inventories, data analysis, and valuation, and designs site appropriate harvesting and transportation systems that minimize cost, maintain safety, and reduce impacts to the soil, water, wildlife, and other forest resources. Foresters also prepare and administer harvesting and road work contract activities and log sales.
- **Geology & Watershed Hydrology:** NRM staffs a Geologist and Hydrologist who conduct geomorphic mapping, aerial-photograph interpretation, erosion and sediment inventories, treatment prescriptions, culvert risk analyses, stream profiles, hydrologic analyses, impact assessments, cumulative effects analyses and watershed analyses.
- **Wildlife:** NRM Wildlife Biologists conduct surveys, habitat assessments, impact assessments, mitigation plans and endangered & special-status species consultations.

More detailed descriptions of NRM's areas of expertise include the following:

TIMBER INVENTORIES, APPRAISALS, AND LITIGATION SUPPORT

NRM has performed timber inventories throughout the western U.S., and Alaska on public and private lands, and have included general management inventories, appraisal inventories (for purchase or sale) and litigation inventories. NRM maintains a full-time inventory staff that provides quality control and a quick response to inventory requests. NRM's in-house computer programming provides job-specific computer programs and customized inventory reports. NRM routinely provides inventory services for clients who have an in-house inventory system but do not have the necessary field personnel. Appraisal services have included valuation for federal 631a capital gains values, inheritance tax considerations, general appraisal values, acquisition, disposal and condemnation appraisals. NRM's two chief appraisers each have over 25 years of experience as forestry consultants and forestland appraisers.

NRM also provides the necessary pre-trial and post-trial expertise to provide law firms with the technical and professional knowledge of key forestry-related issues. NRM has provided expert testimony regarding general forest management, silvicultural applications, timber inventory issues and timber sale contract disputes. NRM's cartographic staff and mapping facilities provide graphics and court exhibits to support the testimony.

FOREST MANAGEMENT SERVICES

NRM provides direct management services on more than 70,000 acres for clients in northwestern California. These services include the recommendation of silvicultural treatments, the planning, writing and implementation of the timber harvesting plans, site supervision of site preparation and reforestation activities, logging accounting and comprehensive logging administration. NRM routinely authors forest management plans and supervises implementation for large and small land owners. NRM's biologists and botanists assist our foresters in statutory compliance through the preparation of harvesting plans thereby providing multi-disciplinary input to better assure adequate biological evaluations and environmental assessments. NRM also provides administrative and business management by conducting logging accounting, logging administration throughout the sale process. All facets of forestry and harvesting from planning and permitting through approvals and sales are conducted by NRM professionals with long histories in the practice of forestry.

NRM provides marketing and negotiation services for a full range of timberland activities. These services include negotiating the best price for delivered logs to purchasers for our management clients, contract negotiations with loggers and truckers in relation to timber operations and regularly negotiating right-of-way fees and easement acquisition. NRM has also been involved in the negotiations for partitioning large industrial forest property. NRM services have included involvement in the negotiations for public and private land exchanges and for timberland acquisitions for its clients.

WILDLIFE BIOLOGY

NRM provides clients with a comprehensive wildlife assessment program, emphasizing inventory and management of T&E and sensitive wildlife species. During the last several field seasons, NRM has employed numerous seasonal biological technicians and has conducted inventories for a variety of protected, endangered and threatened species and species of special concern. NRM has become specialized in surveying protected, endangered and threatened species. Since 1991, NRM has conducted roughly 4,500 marbled murrelet surveys and inventoried more than 250,000 acres for northern spotted owls. Extensive surveys have also been conducted for the northern goshawk, red tree vole, golden eagle, great gray owl and Pacific fisher, as well as various amphibians, reptiles and mollusks. Staff wildlife biologists, working in conjunction with aerial photo interpretation specialists, have assisted in the modification of the California Wildlife Relationships (WHR) System to provide the level of site specific information required for biological evaluations associated with specific wildlife habitat assessments and various proposed projects. NRM's wildlife biologists have conducted both California and Federal Endangered Species Act consultations. Information gathered has supported project permitting, BA/BE reports for CEQA/NEPA requirements, and other numerous reports for project documentation.

BOTANICAL

The NRM staff botanists perform in-depth botanical evaluations and field surveys for the presence and potential habitat of sensitive (rare, threatened and endangered) plant and lichen species with particular expertise in the regions of Northern California, the Sierra Nevadas, and Oregon. Botanical surveys are typically implemented for environmental and biological assessments and as a part of responsible planning for land development and various proposed actions by state and federal governments and landowners. NRM conducts wetland assessments and delineations and prepares and implements wetland mitigation and monitoring plans for projects across the region, including in the Coastal Zone. NRM also conducts aerial photographic analysis (with field verification) to delineate riparian and other vegetation types and determine habitat quality and quantity. Our botanists are experienced in various vegetation sampling techniques including relevé and rapid assessment methodologies.

NRM's botanical and wetlands expertise has been provided for various planning and management guiding documents such as Watershed Analyses, Environmental Impact Reports, Environmental Assessments, Management Plans and a Local Coastal Program update. The diverse clientele of NRM's botanical and wetlands services includes industrial and non-industrial forest ownerships, the U.S.D.A. Forest Service and other federal agencies, state agencies, numerous private landowners of residential and business parcels, developers, utility companies, and non-profit organizations. Routine work products include the preparation and implementation of mitigation plans, planting plans and monitoring plans to avoid, minimize or mitigate impacts to sensitive species and habitats in various ecological settings such as wetlands, timberlands and grazing lands.

SPECIES MONITORING & HABITAT TYPING

NRM has monitored a list of species comprised from birds, fish, amphibians, reptiles, plants, lichen, fungi, mammals, and mollusks. NRM has conducted biological assessments in an exhaustive number of habitats, each presenting a unique set of species. NRM is experienced in habitat and biological assessments in and/or near coastal dunes, salt marshes, prairies, grass lands, oak woodlands, coastal and montane coniferous forests, riparian forests, wetlands and serpentine zones. In each of these habitats, NRM biologists and botanists employ invaluable professional field experiences to properly assess subtle, yet important, facets of species behavior and occurrences.

GEOLOGY AND HYDROLOGY

NRM's geologist conducts geologic investigations for a variety of projects. The geologist performs aerial photograph interpretation and geologic hazard evaluations that include information on rock types, geologic history, geologic structure, tectonics, slope stability, landslide and sediment transport processes, soil erosion and land use history. NRM conducts road system investigations to identify and map areas and structures that are failing or prone to failure and plans rehabilitation or mitigation projects relating to sediment control. Furthermore, NRM has a staff member certified as a *Professional Soil Erosion and Sediment Control Specialist* by the Soil and Water Conservation Society.

NRM also has a staff hydrologist that evaluates erosion and sediment sources on roads and landings, investigates hillslope stability, assesses stream channel impacts and aquatic habitat, maps and classifies watercourses and conducts riparian surveys. NRM's hydrologist conducts aerial photograph interpretation to analyze road construction history, landslide activity and other erosion processes. This experience in designing and directing road rehabilitation projects on public and private landholdings has proven to be of critical importance for a number of different project types.

MAPPING & GIS

Project analysis often requires integrating diverse data sets to create unified GIS products. NRM staff personnel conduct aerial photograph interpretation for a variety of projects including vegetative analysis, road construction, timberland management, wildlife habitats and watershed analysis. Aerial photograph interpretation has been completed on over 25 million acres to date. NRM's Intergraph, MapInfo and Arcview Geographic Information Systems (GIS) facilitate data analysis through efficient integration of spatial and tabular data. Data can be converted from other prominent GIS formats. The NRM map library contains base maps that cover hydrology, transportation, ownership, landnet and topographic layers in both hard copy and electronic form for all of Northern California. The hardcopy library includes geologic, soils, vegetation, wetland, and precipitation maps.

COMPANY STRUCTURE

NRM Management William S. Dann, President, Chief Executive Officer
 Robert Kelley, Vice President
 Frank Mileham, Business Management, Corporate Treasurer
 Juanita Petersen, Business Manager, Corporate Secretary

Personnel William S. Dann, Registered Professional Forester
 Robert Kelley, Registered Professional Forester, CPESC
 Frank Mileham, Registered Professional Forester, Appraiser
 Paul Grunden, Registered Professional Forester
 Merritt Lindgren, Registered Professional Forester
 Tony Gomez, Registered Professional Forester
 Jason Meyer, MS, Wildlife Management
 Prairie Moore, M.S., Staff Botanist
 Sherman Garinger, GIS Manager/Cartographer, Geologist
 Sandra Brown, M.S., Staff Hydrologist, GIS Support and Data Base Specialist
 Rob Dann, Forestry Technician
 Chad Bowman, Forestry Technician
 Ryder Bricker, Forestry Technician
 Juanita Petersen, Data/Word Processing
 Jacque Murphy, Data/Word Processing

Personnel Qualifications

Name	Qualifications	Professional Experience (Years)
WILLIAM S. DANN	Program Manager Company President Registered Professional Forester (RPF #1825) Mensurationist & Photogrammetrist Certified Cultural Resource Technician	40
ROBERT KELLEY	Vice President of Operations Registered Professional Forester (RPF #1994) Certified Professional Erosion & Sediment Control Specialist #699 Logging Engineer Certified Cultural Resource Technician	32
FRANK MILEHAM	Registered Professional Forester (RPF #1985) Mensurationist Certified Appraiser #AG11884 Fuels Specialist	34
PAUL GRUNDEN	Registered Professional Forester (RPF #2296) Logging Engineer Licensed Timber Operator #A-590	29

MERRITT LINDGREN	Registered Professional Forester (RPF #2522) Logging Engineer Certified Cultural Resource Technician Wildlife Technician	30
JASON MEYER	Environmental Services Department Manager Wildlife Biologist Masters in Science Degree, Wildlife Management	15
BRAD NORMAN	Wildlife Biologist Herpetologist	17
PRAIRIE MOORE	Staff Botanist Masters in Science Degree, Botany	7
BIRGIT SEMSROTT	Staff Botanist Wetland Delineation Masters in Art Degree, Biological Sciences	15
SUSAN WRIGHT	Staff Botanist/Biologist Microbiology Wetlands Bachelors in Science Degree, Microbiology	8
SHERMAN GARINGER	Geologist GIS / Mapping Specialist Certified Cultural Resource Technician	14
SANDRA BROWN	Hydrologist Masters in Science Degree, Watershed Management Database Specialist	13
TONY GOMEZ	Registered Professional Forester (RPF #2908) Project Leader Harvest Plan Layout Certified Cultural Resource Technician	14
ROBERT DANN	Forestry Technician Inventories Harvest Plan Layout Project Leader	12
CHAD BOWMAN	Forestry Technician Inventories Crew Leader Harvest Plan Layout	2
RYDER BRICKER	Forestry Technician Inventories Crew Leader Harvest Plan Layout	2
JUANITA PETERSEN	Business Manager & Accounting, QA/QC Word Processing	33
JACQUE MURPHY	Log Accounting & Administration Word Processing Editor	4

PARTIAL CLIENT LIST

Natural Resources Management Corporation has regularly provided services to more than 30 major forest industry firms and large land owners, innumerable small land owners, and public agencies. Many of NRM's projects are done for clients on a confidential basis, but past and/or current clients include the following:

Public Agencies

U.S. Forest Service
U.S. Bureau of Land Management
U.S. Bureau of Indian Affairs
U.S. National Park Service
U.S. Soil Conservation Service
U.S. Internal Revenue Service
American Government of Samoa
Federated States of Micronesia
California Dept. of Forest & Fire Protection
California Division of Beaches & Parks
California Resources Agency
California Real Estate Division
California State Lands Commission
CA. State Solid Waste Management Board
Humboldt County, California
Del Norte County, California
City of Arcata, California
City of St. Helena, California
Jackson Demonstration State Forest
Humboldt Bay Municipal Water District

Non-Industrial or Private

Asociacion de Duenos & Predios Boscosos de Durango (Mexico)
Barnum Timber Company
Coombs Tree Farm
Cloquet Timber Company
Farm Credit Auction
Fort Seward Ranch
Fundacion para el Desarrollo de los Pueblos Jovenes (Peru)
Hearst Corporation
Herb Russ Estate
Nylander Ranch
Pacific Gas and Electric
Ribar Timberlands
Russ & McBride Ranches
Sears World Trade, Inc.
Sequoia Associates
Vertrees, McAdams, and Muecke families

Native American Organizations

California Indian Legal Services
Covelo Indian Community Council
Hoopa Valley Business Council (California)
Hoopa valley Tribal Council
Indian Health Services
Inter-tribal Timber Council
Round Valley Reservation
Sealaska Corporation
Warm Springs Confederated Tribes

Yak-Tat & Kwaan Tribes
Yurok Tribal Council
Annett Island Reservation (BIA)
Fort Peck Agency (BIA)
Belknap & Blackfoot Reservations (BIA)
Navaho Reservation (BIA)
Resighini Rancheria
Washoe Tribe of Nevada and California

Forest Industry

Arcata Redwood Company
Blue Lake Forest Products
Boise-Cascade Corporation
Champion International
The Campbell Group, LLC
Citifor, Inc.
Collins Pine
Crown-Zellerbach Corporation
Diamond National Corporation
Eel River Sawmills
Empresa Forestal Peruana, S.A. (Peru)
Georgia-Pacific Corporation
Green Diamond Resources Company
Gualala Redwoods Inc.
Gulf States Paper Corporation
Hancock Natural Resources Group
Harwood Enterprises
Hawthorne Timber Company, LLC
Hull-Oakes Lumber Company
Humboldt Redwood Company
Longview Fibre Corporation
Louisiana-Pacific Corporation
MacMillan-Bloedel, Ltd. (British Columbia)
McNamara & Peepe Lumber Company
Masonite Corporation
Menasha Corporation
Mendocino Redwood Company
Miller Redwood Company
National Bulk Carriers (Mexico)
Potlach Corporation
Scotia-Pacific Co., L.L.C.
St. Regis Paper Company
Sierra-Pacific Industries
Simonson Lumber Company
Simpson Timber Company
Southwest Forest Industries
Stone Forest Industries
The Pacific Lumber Company
Wetsel-Oviatt Lumber Company
Weyerhaeuser Company
Wickes Company Inc.

Surface Mining Industry

Arcata Redimix
Tom Bess
Eureka Redimix
Granite Construction
Hansen (formerly Kaiser Sand & Gravel)
Hansen Trucking
Mad River Sand & Gravel
Mercer-Fraser Company
Jack Noble
Redwood Empire Aggregates
Randall Sand & Gravel
Leland Rock
Shamrock Materials
Syar Industries

Law Firms

Bragg, Perlman, Russ, Stunich & Eads LLP (CA)
Cappello & Foley (CA)
Carr, Kennedy, Peterson & Frost (CA)
Coombs & Dunlap (CA)
Davis, McClendon, Poovey, Anderson & Morrison (Eureka, CA)
Falk, Buxton & Brown (CA)
Harland & Gromala (CA)
Hartig, Rhodes, Norman, Mahoney & Edwards (AK)
Helsell, Fetterman, et al (WA)
Huber & Goodwin (CA)
Hudson & Creyke (Wash. DC)
Janssen, Malloy, Needham, and Morrison (CA)
Keesal Young & Logan (CA)
Latham and Watkins LLP (CA)
Mackenroth, Laird & Lynes (CA)
McCutchen, Doyle, Brown & Enersen (CA)
Mudge, Rose, et. (NY)
Pillsbury, Madison & Sutro (CA)
Severson, Werson, Berke & Melchoir (CA)
Stokes, Calligan & Steeves (CA)
Thelen, Marrin, Johnson & Bridges (CA)
Windrem & Associates (CA)

Non-profit Organizations

California Forestry Association
California Redwood Association
Forest Science Project
National Forest Products Assoc.
Save-the-Redwoods League
Western Forestry & Conservation Assoc.
Western Timber Assoc.

For more information, contact:

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