

## RADIOLOGICAL SERVICES



**North Wind Radiological and Waste Services (NWRWS)** is a division of North Wind Portage, Inc., a Small Disadvantaged Business (SDB), that specializes in providing innovative and comprehensive solutions to complex hazardous and radiological remediation, D&D, and waste management challenges. NWRWS provides a full suite of compliance, technical, and engineering support services to customers across the US and internationally. We take pride in partnering with our clients and customers to overcome project challenges and to ensure their objectives are met to their complete satisfaction.

We provide comprehensive and innovative engineering and technical solutions across ten primary service areas:

- Site characterization and Final Status Survey planning
- Environmental remediation, decontamination, decommissioning and demolition
- Engineering and design
- Hazardous and radioactive waste management
- NRC and CERCLA Repository construction, operation, and closure
- Information technology and custom database design
- Project management, construction oversight and assessment
- Environmental planning, permitting, compliance, agency interface
- Final Status Surveys
- Mobile laboratories and instruments

### SERVICES OFFERED

Complete, self-contained, innovative solutions—Integration of project management and remediation/demolition expertise with company-owned instrumentation and fully-equipped laboratories, led and supported by CHPs, CIHs, CHMMs, CSPs, NRRPTs to provide customized, technology-savvy, cost-effective turnkey remediation and professional services from planning through waste treatment and disposal. Offering:

- Fully vetted 10 CFR 835 or 10 CFR 20 Radiation Protection Programs
  - Led by seasoned DOE RADCON Managers or NRC/USACE Radiation Safety Officers
  - Implemented by in-house Radiological Control Technicians
  - Supported by expert Internal/External Dosimetrists and degreed Radiological Engineers
- Plan, design, and perform MARSSIM/MARSAME Characterization and Final Status Surveys
  - Define Data Quality Objectives with regulator and stakeholder interface
  - Satisfy NUREG-1757 NRC Consolidated Decommissioning Guidance
  - Prepare Final Status Survey Plans
  - Staff and implement Final Status Surveys with company-owned instruments
- Higher technology radiation measurement solutions
  - GPS-enabled gamma spectroscopy on ATVs
  - ARC-View, GIS heat maps, and 3D indoor and outdoor mapping
  - Non-destructive assay and ISOCS real-time spectroscopy
  - Radiation and industrial hygiene instruments for rent
- Mobile laboratories for on-site chemical and radiological analyses
- Hazardous, Radioactive, and Mixed Waste Management, Brokering and Shipping
  - Waste Characterization, Sampling, and Data Management
  - D&D, Demolition, and License Termination
  - Source Removal and Soil Remediation
  - Volume Reduction and Segregation
  - Transuranic Waste Processing and Disposal Oversight
  - Turn-key Packaging, Labeling, Manifesting and Quality Assurance
  - Logistics Management and Waste Tracking
  - NORM and TENORM Management

### CONTACT US

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**QUALIFICATIONS/EXPERIENCE**

For over 25 years, North Wind has provided waste-management services for federal, state, and commercial clients. Additional qualifications and experience include:

- In 2020, North Wind Portage was ranked the #1 Small Business in the 562910 NAICS code by Bloomberg Government as was ranked Number 7 in the category of Top Nuclear Waste Management Firms by Engineering News Record
- In 2020, North Wind Portage received a project merit award from the Environmental Business Journal for our Luckey Remediation Project
- We have a sustained EMR of 0.76
- We sustain company revenues exceeding \$115M per year and employ over 300 engineers, managers, technicians, and support personnel
- As part of the North Wind Group of companies owned by CIRI, an Alaskan Native Corporation, we have reach-back access to over 2,300 personnel located across the US and the financial backing and infrastructure of a \$480M organization
- We have performed over \$1.6B in waste-management related services since our inception over 25 years ago
- We manage over 1.2M tons of radioactive, hazardous and mixed waste annually
- We maintain a bonding capability of over \$450M aggregate and \$75M per project
- We sustain DCMA and DCAA compliant accounting, purchasing and earned value management systems
- We maintain an ISO 9001:2105-certified and NQA-1-compliant Quality Management System
- We provide nationwide geographic coverage with more than 35 offices in the continental US, Alaska, Hawaii, and Guam
- We possess an NRC Radioactive Material License for D&D activities

*What truly sets us apart from other firms is our partnering approach with clients and customers. We inspire and empower employees at all levels in the organization to work collaboratively with our clients to find innovative, timely and cost-effective solutions. We maintain the agility and responsiveness of a small company with the infrastructure and financial stability of a large organization.*



Use this QR code to view our Radiation Detection and Industrial Hygiene Instrumentation Rental Catalog

**NWRWS SENIOR RADIOLOGICAL SERVICES STAFF**

**Steven Green, CHP, CSP, PMP**—*Director Radiological Services*—Mr. Green has 38 years of experience in radiation protection, industrial hygiene, internal/external dosimetry, and the control of radioactive materials/exposures to personnel, the public, and the environment. RSO for multiple NRC Agreement State Broad Scope Radioactive Materials Licenses and has led, developed, and managed DOE RADCON programs consisting of over 400 personnel. He maintains expertise in instrumentation, air monitoring, shielding, dosimetry, respiratory protection, alpha and gamma spectroscopy and MARSSIM/MARSAME FSS.

**Neil Kiely, CHP**—*Radiological Programs Manager*—Mr. Kiely has 28 years of varied operational health physics, radiological engineering, and program management experience. He has developed DOELAP-accredited dosimetry programs and performed MARSSIM/MARSAME survey and release planning and execution to support D&D and environmental remediation. He has extensive radiation detection and measurement design, execution, and assessment experience and has developed and execution Radiation Protection Plans and Programs.

**Brian Sparks**—*Analytical Programs Manager*—Mr. Sparks has 29 years of experience in all facets of analytical and radioanalytical operations and management. He has designed, commissioned, operated, and managed four laboratories performing radioanalytical, chemistry, and environmental analyses. His expertise includes integrating technologies with analytical tools (such as gamma spectroscopy) to expedite and facilitate the collection and management of analytical data. He has extensive experience in the selection, calibration, maintenance and operation of radiological instrumentation.

**Steve Rima, CHP, CIH**—*Sr. Health Physicist*—Mr. Rima has over 40 years of experience in health physics, radiological protection, radiological remediation, and site release and closure under UMTRA and FUSRAP. He has led the development and deployment of proprietary technology used worldwide on radiological remediation and decommissioning projects, including Final Status Surveys under MARSSIM.

**Jamie Prowse, CHP**—*Sr. Health Physicist*—Mr. Prowse has over 32 years of experience in direct programmatic oversight of the FSS, radiation safety, internal and external dosimetry, engineering, nuclear safety and criticality safety programs for remediation and D&D projects.