



MAUL
FOSTER
ALONG!



**FOREST
PRODUCTS**

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WHO WE ARE

Solving problems to improve our communities

Maul Foster & Alongi is an employee-owned multidisciplinary consulting firm rooted in and serving the Pacific Northwest and beyond. Since our founding in 1996, we have attracted highly skilled professionals who offer a full spectrum of services to help our clients succeed. Our clients choose us for our high standards, project discipline, and collaborative approach. We choose this work because we are driven to serve our communities and improve the environments in which we live and work.

WHAT WE DO

Forest Products Overview

We help mill operators, landowners, and value-added wood producers target actions for clean, efficient operations, from managing wood waste and treatment residuals, to developing solutions for stormwater, groundwater, and air emissions. As the forest products industry has evolved—with changing raw materials, end products, and regulations—so has the need for innovative solutions. We can help you stay nimble and can support your business to achieve the fastest possible time to market for your forest products.



**ENVIRONMENTAL REGULATORY
COMPLIANCE**



**AIR QUALITY PERMITTING,
MODELING, ASSESSMENT**



**STORMWATER
SERVICES**



**WASTEWATER
SERVICES**



**DRIP PAD
CERTIFICATION**



**RESOURCE
CONSERVATION**



**ENVIRONMENTAL SITE
ASSESSMENTS**



**REMEDIAL
INVESTIGATION**



ENVIRONMENTAL REGULATORY COMPLIANCE

We help wood preservers and producers find practical solutions to comply with regulatory requirements, reduce risk, and focus on running a successful business. Our team of experts can help your industrial facility meet the permitting, monitoring, recordkeeping, and reporting requirements of federal, state, and local regulations so your staff can focus on what they do best.





AIR QUALITY

Permitting, Modeling, Risk Assessment

MFA provides full-service air quality solutions to ensure that your facility remains in compliance with federal, state, and local requirements. We provide auditing, emission inventory development, and dispersion modeling, and risk assessment to assess compliance gaps. We provide engineering, testing, and permitting services to help you close those gaps, achieve compliance, and stay focused on your business.





STORMWATER

Monitoring, Permitting, Pollution Prevention Planning, and Treatment System Design

MFA collaborates with Pacific Northwest wood products facilities to develop adaptive management for and innovative solutions to challenging stormwater permit requirements and regulations. We can assist your company with sample collection, reporting, recordkeeping, and corrective actions. We design a range of treatment systems, from green stormwater infrastructure to active treatment trains, and develop and implement cost-effective best management practices, including pollution prevention and control measures such as stormwater pollution prevention plans and spill prevention, control, and countermeasure plans.



WASTEWATER

Monitoring, Permitting

Whether your facility is new or established, MFA can help you with efficient wastewater permit compliance—from applying for a permit to responding to a Notice of Violation. Our experts help find practical and innovative solutions so your facility can stay in compliance and your workforce can focus on your business.





DRIP PAD CERTIFICATION

MFA experts perform drip pad inspection and certification for our wood products clients. Our engineers can provide suggestions for improvements and repairs and certify adherence to regulations. We know we're doing our job when your staff are freed up to do theirs.



RESOURCE CONSERVATION AND RECOVERY ACT COMPLIANCE

Our engineers help facilities manage and control solid and hazardous wastes through stockpiling and storage, characterization, treatment, transportation, and disposal at an appropriate landfill. We've designed and implemented low-risk, cost-effective cleanups tailored to the specific needs of wood products.



PHASE I/PHASE II ENVIRONMENTAL SITE ASSESSMENTS

No surprises, on time and on budget. You want confidence that your due diligence, including the bona fide prospective purchaser and innocent purchaser defense, is done correctly. MFA has conducted hundreds of Phase I and Phase II environmental site assessments (ESAs) at a wide range of sites, from vacant properties and gas stations to complex industrial sites, timberlands, and landfills. We conduct all Phase I ESAs consistent with the requirements of ASTM International's Standard Practice for Environmental Site Assessments. Our environmental scientists can also conduct risk assessments for human and ecological receptors.





REMEDIAL INVESTIGATION AND FEASIBILITY STUDY

Every site has its own history. Cleanups, whether on land or under the water, require an approach that fits the site. MFA's approach to characterizing soil and sediment is customized to provide reliable data and information that fits the cleanup requirements and leads to project success. We've helped hundreds of organizations reduce risk, limit liability, and get back to their core business.



LANDFILL SUPPORT

You want to clean up your site and be done. We get it. You want to manage risk, make sure the process is controlled, and focus on your business objectives. We begin with the end in mind and develop strategies and tactics that get results. Our experts can help you determine whether there is any beneficial reuse for your solid waste or for the successfully closed landfill. From capping soil to installing membrane liners and venting systems, we can design, construct, and monitor active and closed landfills.



INDUSTRIAL HYGIENE AND HEALTH AND SAFETY COMPLIANCE

You need to protect your people and your business. Compliance isn't about paperwork, it's about people. We can help you comply with regulations, reduce your risk, and find practical strategies that lead to solutions. Workplace safety starts with understanding the hazards at a facility and developing a plan that fits. We have helped other wood preservers and producers develop and manage programs to meet OSHA requirements for:

- Process safety management and risk management plans
- Site-specific health and safety plans
- Emergency planning and response
- Hazard communication
- Machine guarding
- Respiratory protection
- Personal protective equipment
- Lockout/tagout
- Confined-space entry
- Fall protection
- Electrical safety
- Hot work
- Industrial Ventilation Design Support





FACILITY DEMOLITION AND REMEDIATION

Building demolition can be almost as high-stakes as construction, with asbestos, lead-based paint, and other materials that could complicate the path forward. MFA's team of hazardous materials experts have conducted surveys on properties ranging from a multistory former paper mill to a half-million-square-foot former hospital complex. We will inventory hazardous materials in a characterization report, then draft a materials management plan to safely and efficiently handle, remove, and contain material to be hauled off site to a disposal facility. We know that wasted space is wasted potential, so we specialize in efficiently and safely getting your site ready for its next step.



PROJECT EXAMPLES

At MFA, our commitment to excellence is manifested in a diverse array of projects that span multiple industries and a host of challenges. We take pride in transforming visionary concepts into tangible realities. Our portfolio reflects projects that highlight our expertise, precision, and commitment to delivering cutting-edge solutions.



Katerra

INNOVATIVE SITE SOLUTIONS FOR A DESIGN-BUILD DEVELOPMENT

Katerra's Spokane Valley CLT facility advances sustainable construction by supporting taller wood buildings while creating a market for forest-thinning byproducts. Under an aggressive two-year schedule, MFA provided planning, environmental, and civil engineering services from site selection through construction. MFA led environmental review and permitting, supported due diligence, and addressed complex site challenges, including groundwater, stormwater, and air emissions. Working within a multidisciplinary design-build team, MFA developed site planning and landscape design solutions that support efficient operations while integrating sustainable features such as green stormwater infrastructure and energy efficiency—transforming vacant farmland into a high-performance manufacturing campus.



Hampton Affiliates

LOG YARD STORMWATER TREATMENT SYSTEM

When Oregon DEQ lowered NPDES stormwater benchmarks, Hampton Affiliates needed to upgrade stormwater treatment at its Willamina lumber mill and log yard. MFA evaluated alternatives and designed a system to capture and convey runoff to a passive treatment facility, including a settling pond and sand filter. When the site was later redeveloped, MFA redesigned the system to accommodate new constraints, incorporating expanded treatment capacity, chemical injection, and pressurized mixed media filtration. MFA also designed new conveyance and pump stations to serve the updated layout. The improved system efficiently treats stormwater from across the site and meets Tier 2 NPDES permit requirements.

Green Diamond Resource Company

PHASE I ENVIRONMENTAL SITE ASSESSMENT AND NFA DETERMINATIONS

Green Diamond Resources pursued acquisition of 600,000 acres of timberlands across Oregon and California, requiring rapid environmental due diligence across 25 dispersed parcels within a 60-day period. MFA conducted a Phase I ESA using GIS-based analysis to identify and evaluate sites of environmental concern, supported by site visits, records review, and stakeholder interviews. MFA's work enabled timely due diligence and informed acquisition decisions. Following purchase, MFA prepared Independent Cleanup Pathway reports for multiple sites, addressing recognized environmental conditions through removal or further evaluation. Regulatory coordination resulted in No Further Action determinations for all sites, providing clarity for ongoing property use and management.





State of Oregon

CLEANER AIR OREGON PERMITTING SUPPORT

MFA's air quality team supports industrial facilities across Oregon through the Cleaner Air Oregon program, providing compliance training, emissions inventories, dispersion modeling, land use review, and health risk assessment. To streamline analysis, MFA developed an automated Level 1 risk assessment tool that enables facilities to evaluate pollutants, sources, and offsite risk drivers. Using this approach, MFA has helped clients refine materials and processes to reduce health risks—often below regulatory thresholds requiring permitting. The tool also supports in-house screening and decision-making and is now used by universities and facilities statewide to better understand and manage air quality risks.

LEARN MORE



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