

WESTON SOLUTIONS, INC.



# INTEGRATED SERVICES FOR PORTS AND WATERWAYS

Environmental Services

Dredged Materials Management

Port Redevelopment

Contaminated Sediments



*an employee-owned company*

## > Sustainable Port Development and Restoration

Changes in world trade, U.S. policy, and local regulations are making the environmental sustainability of ports and waterways a necessity for the 21st century. As global trade and ship size increase, ports and associated businesses must strengthen infrastructure, expand operations, and redevelop waterfront property. Cost-effective port redevelopment, dredged material placement, and contaminated sediment management are more imperative than ever. Safety concerns have heightened security demands. Environmental regulations, a component of all these areas, have become a key piece in the puzzle of maintaining sustainable yet productive ports and waterways.

## > Integrated, Environmentally Sustainable Solutions

As a leading environment and redevelopment firm, Weston Solutions, Inc. (WESTON®) knows the port industry and state and municipal agencies face complex challenges in maintaining shipping operations. Focused on restoring resource efficiency, WESTON can help develop solutions that maximize the value of resources and turn environmental responsibility into economic growth. Our environmental, dredged materials management, port redevelopment, and contaminated sediments services concentrate on restoring assets to full use, making operations more productive, more competitive, and environmentally sound.

The goal of WESTON's integrated approach is to form viable partnerships and develop innovative environmentally sustainable solutions. WESTON has extensive experience identifying specific economic and environmental solutions to meet the needs of all project stakeholders, including commercial industries; federal, state, or local authorities; regulatory agencies; and community groups.

## > Environmental Services



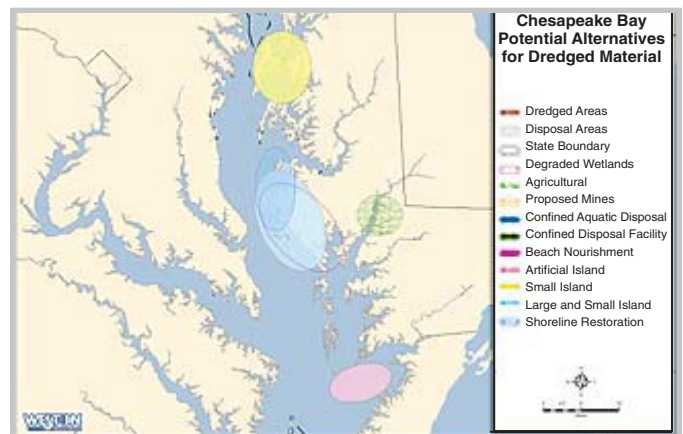
### Environmental Call-In Services Port Authority of New York and New Jersey

Provide as-needed, cost-effective expertise for remedial investigations, water quality, environmental compliance, risk assessment, regulatory reporting, and asbestos monitoring.

WESTON is dedicated to developing and implementing solutions that safely and cost-effectively address complex remediation challenges, provide economic and environmental benefits, and identify and address regulatory and public concerns. We provide the full range of environmental services required to efficiently maintain ports and waterways and maximize growth opportunities.

- Remedial Investigations
- Remediation
- Environmental Assessments/Environmental Impact Studies
- Compliance Audits/Permit Compliance
- Environmental Management
- Feasibility Studies
- Water Resource Management
- Ecological Risk Assessment
- Aquatic Toxicology
- Marine Science
- Wetlands/Watershed Restoration
- Asbestos Monitoring
- Health and Safety Training Programs and Audits

## > Dredged Materials Management



### Dredged Materials Management Plan Port of Baltimore, U.S. Army Corps of Engineers

Prepared a comprehensive plan integrating a tiered Environmental Impact Statement (EIS) and conducted studies and economic evaluations for dredged materials alternatives, beneficial use, and habitat enhancement.

As the port industry faces a shortage of dredged material disposal sites, more stringent regulations have heightened the importance of water quality and compliance. Consequently, port stakeholders are placing greater emphasis on dredged materials management, beneficial uses, placement strategies, treatment costs, and advanced technologies. WESTON is an industry leader in comprehensive economic analyses and innovative dredged materials management.

- Planning
- Feasibility Reports
- Integrated Environmental Assessments
- Economic Analysis
- Dredged Materials Placement, Beneficial Use, Disposal
- Placement Site Design, Construction, Operations
- Regulatory Compliance
- Community Outreach

## ► Port Redevelopment



### ▼ Port Facility and Dredged Ponds Redevelopment Mare Island, CA

*Remediation, financial partnering, wetlands transfer, and dredged ponds development at a former U.S. Navy base in Vallejo, CA.*

WESTON has more than 45 years of experience in revitalizing aging infrastructure and turning contaminated areas into valuable assets. Our proven history of using our experience and technology to evaluate ports and waterways sites and restore underutilized real estate to full use can help uncover hidden assets and add value to your marine property.

- Planning Studies
- Site Expansion Investigations
- Remedial Solutions/Development/Implementation
- Equity Partnership Development
- Facilities Operations and Maintenance

## ► Contaminated Sediments



### ▼ Sediment Evaluation and Remediation Housatonic River Superfund Site, MA

*Investigation, evaluation, river dredging, river diversion, remediation, and ecological restoration of a 1.5-mile section of a PCB-contaminated river.*

Attentive to increased concerns posed by contaminated sediments, WESTON is adept at investigating and providing cost-effective options, finding beneficial uses, and harnessing proven technologies for contaminated sediments treatment. Additionally, WESTON is one of the few full-service environmental companies with underwater unexploded ordnance (UXO) investigation and removal experience.

- Turnkey Approach/Innovative Solutions
- Sediment Sampling and Testing
- Sediment Removal/Treatment/Reuse/Disposal
- Consulting/Engineering/Construction
- Field Investigations/Studies/Modeling/Assessments
- Unexploded Ordnance Remediation

## ► Specialized Services



### ▼ Specialized Services at Ports and Waterways Locations

*As part of our extensive environmental resources, WESTON has provided toxicity assessment, watershed management, port security, and air monitoring and compliance services at a range of locations.*

WESTON's technical depth allows us to offer a full complement of ports and waterways services. From aquatic assessments and watershed management, to port security and Clean Air Act compliance, WESTON uses its integrated approach to develop a site-specific solution for your emerging environment and redevelopment problems, no matter how challenging.

#### Sediment Toxicity Assessment

- Integrated Assessment and Remediation Capabilities
- Aquatic Toxicity Laboratory Services
- Dredged Materials Suitability Determinations
- Specialized Sampling and Testing Services

#### Watershed Management

- Stormwater
- Total Maximum Daily Load (TMDL) Evaluations

#### Port Security

- RespondFast<sup>SM</sup> WMD Wide Area Monitoring Services
- Consequence Management
- Prevention
- Hardening

#### Clean Air Act Compliance

- Monitoring
- Impact Studies
- Environmental Planning
- Mitigation Planning
- NEPA Compliance

## ► *Bringing Benefit*

- Meet or exceed environmental requirements as a result of our regulatory experience and knowledge and our well-established relationships with federal, state, and local agencies
- Improved public image resulting from the positive impact on the community's economy and the environment
- Economic benefits with minimal environmental impact, and innovative project approaches through WESTON relationships with technology partners
- Cost-effective solutions for upgrading marine facilities using our exceptional planning and project management personnel

## For More Information, Contact:

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