OHM Corporation

xperienced Environmental Solutions





Headquartered in Findlay, Ohio, where OHM was founded in 1969, the company has a staff of 2,000 and operates from over 35 locations throughout the United States and in Canada.

OHM Corporation is a leading environmental services firm specializing in on-site remediation of hazardous wastes and toxic substances on a planned and emergency basis. Services include design, engineering, on-site treatment, remedial construction, and resource recovery as well as site assessment, laboratory analysis, data

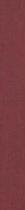
management, and technology evaluation.

OHM has more than 35 offices nationwide and in Canada. The company has provided its services in the United States, Canada, South America, Mexico, and Pacific Rim countries. OHM Corporation is publicly held and listed on the New York Stock Exchange.

OHM Client Commitme



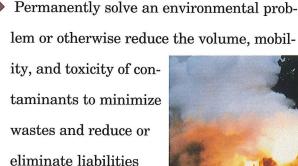


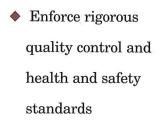




PCB destruction using OHM's TSCA-permitted incinerator to treat 3,000 tons of soil at the Twin Cities Army Ammunition Plant, Minnesota.

Since 1969, OHM has successfully completed more than 12,000 projects and is a leader in the application of on-site treatment technologies. This handson experience has established OHM's reputation as a results-driven company. OHM is not a pure engineering firm—nor is it merely a remediation contractor. Instead, OHM blends the engineering and technical skills to actually develop and implement the most appropriate and cost-effective remediation technologies at a client's project site. The company's commitments to clients are to:







Controlled burn and monitoring program for 23,000 gallons of white phosphorous in a derailed tank car.

- Develop and implement a cost-effective approach to meet applicable federal, state, provincial, and local regulations
- Consistently deliver effective solutions within deadlines



specially trained operator ensure high incineration productivity and regulatory compliance.



Asbestos abatement at an electricity generating plant to comply with Massachusetts law (453 CMR).



Water treatment
system designed to
meet benzene TCLP
standard in refinery
process wastewaters
at 1,000 gpm. Interim
system installed in an
emergency mode to
meet September
25,1990, deadline for
benzene treatment
and subsequently
automated for
permanent use to
meet RCRA's "totally
enclosed treatment
system" exemption at
the Wyoming facility.



Waste minimization system for F006 sludge at a Kentucky electroplating facility.



Treatment system consisting of hexavalent chrome reduction, precipitation, clarification, filtration, and dewatering to reduce hazardous waste volume and meet discharge criteria.

any environmental firms claim they have experience, but few, if any, can demonstrate the range of proven environmental experience of OHM. That strength enables OHM to consistently provide innovative approaches to complex and routine environmental problems. At OHM, solutions are designed by creatively combining the appropriate people, technologies, and equipment to overcome each project's unique challenges.

The range of OHM's experience is demonstrated by past and current projects which have various combinations of these characteristics:

- ◆ Emergencies which require rapid response to contain and control a problem, strong project management to expedite reinstatement of business operations, and accelerated applications of appropriate technologies to protect the environment and the community's health and safety
- Need for investigation and assessment studies that yield data for preparation of Remedial Action Plans
- ◆ Operational performance under tight deadlines resulting from consent decrees, work plan approval, and other compliance schedule milestones for RCRA, SARA, and TSCA cleanups



Labpack sampling as part of a federally mandated cleanup at an abandoned chemical warehouse in Philadelphia.

Water treatment system designed to meet benzene TCLP standard in refinery process wastewaters at 1,000 gpm. Interim system installed in an emergency mode to meet September 25,1990, deadline for benzene treatment and subsequently automated for permanent use to meet RCRA's "totally enclosed treatment system" exemption at the Wyoming facility.



Buried drum removal at the Picillo Superfund site in Coventry, Rhode Island, where OHM subsequently applied landfarming to biodegrade phenolics.

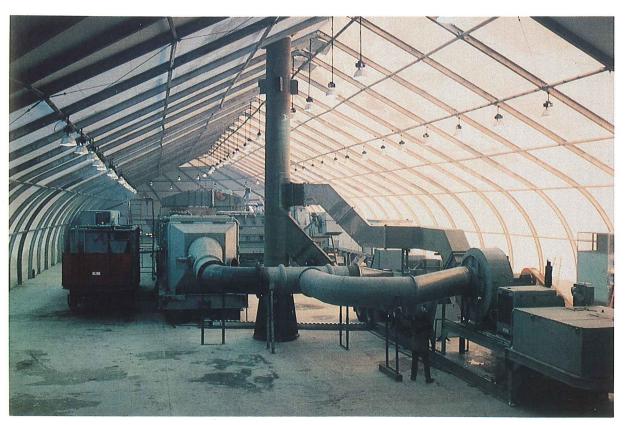


Trace heavy metal environmental analysis using state-of-the-art methods including Zeeman/Graphite Furnace Atomic Absorption.

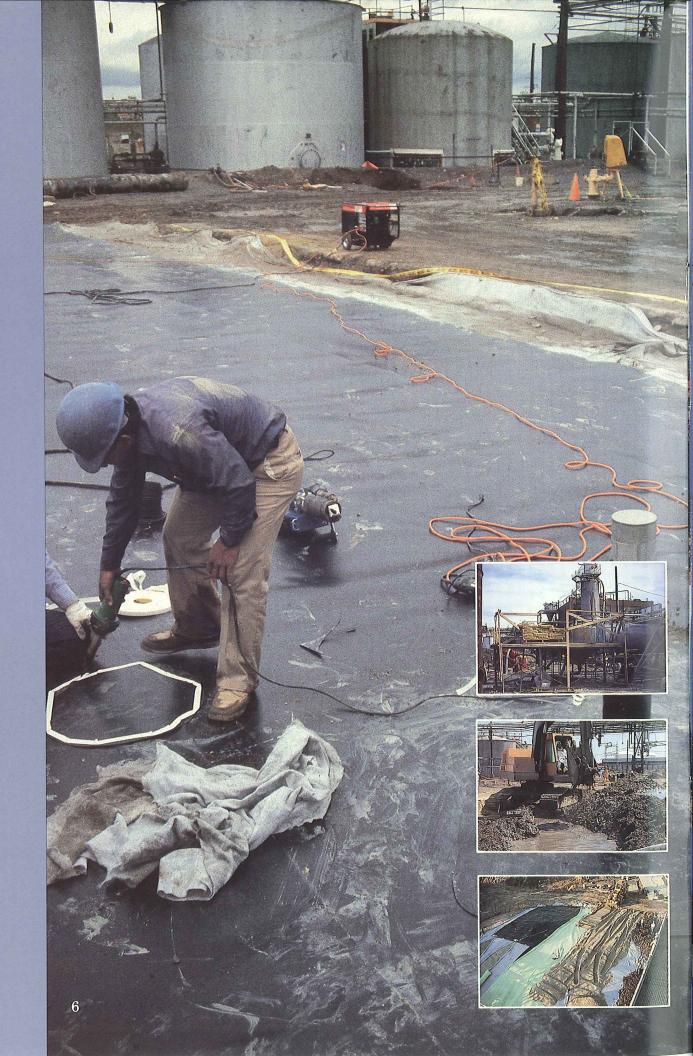
- Multiple permitting requirements for on-site treatment equipment
- ◆ Complex applications of BDAT, ARAR, TCLP, EPA #6A Soil and Debris Treatability Guidelines, and other treatment standards for waste matrices with varying levels and concentrations of contaminants
- ◆ Difficult site locations which are remote or have ongoing operational requirements, extreme weather conditions, etc.
- ♠ Regulatory requests for technical presentations to expedite approval of treatability plans; cleanup criteria for soils, water, and groundwater; and implementation of Removal Action Plans and Remedial Responses
- ♦ Waste minimization objectives consistent with RCRA regulations
- ◆ Financial institution and reporting requirements for assessment of environmental liabilities
- Multiple reporting requirements for project status tracking, health and safety program monitoring, and analytical results



Community relations open house for residents, regulatory officials, news media to tour Canadian Department of National Defence (DND) first on-site PCB destruction project, Goose Bay, Labrador.



Mobile incinerator that destroyed PCBs in 4,000 tons of soil, transformer components, wood, and drums at DND project. Project took place in 40,000 square foot facility, designed and constructed by OHM.



Massachusetts site contaminated by halogenated VOCs where OHM constructed a slurry wall and cap in compliance with a SWMU closure.



Benchscale feasibility study to define operating requirements for biotower scale-up to treat benzene-contaminated groundwater and comply with NPDES discharge criteria.

Photo by Bud Hornavius, OHM



Landfarm bioremediation at a 33-acre site in Southern California in compliance with stringent state environmental quality requirements.

provides, OHM strategically staffs and equips service centers and technical facilities throughout the nation. Unlike some regional firms with limited resources and experience, OHM facilities can draw on the company's 2,000 employees, a \$75 million equipment inventory, and extensive technical capabilities to meet each client's unique needs. OHM's services include:

- ♦ Environmental emergency response
- Hazardous waste site remediation and closure
- Waste minimization, wastewater treatment, recycling, and resource recovery
- Remediation of contaminated soil including thermal and biological treatment and vapor extraction
- ◆ Commercial real estate asbestos abatement and restoration
- ◆ Facility decommissioning, including decontamination, equipment removal, asbestos abatement, dismantlement, and site restoration
- ♦ Remedial design and construction



(Above) Daily personnel safety and task assignment meeting during an East Coast oil spill cleanup on the Arthur Kill Waterway. (Below) OHM responded with 200 personnel and 60 pieces of equipment for the 500,000-gallon heating oil release from an underwater pipeline near environmentally sensitive wetlands.



Each of OHM's four mobile product transfer units contains specialty pumps, hoses, fittings, and tools for the safe transfer of chemical and hazardous materials from railcars, tank trucks, barges, and tanks.

- ◆ CERCLA site remediation
- ♦ Aboveground tank operations, maintenance, and decommissioning
- ♦ In-situ waste treatment and groundwater recovery
- ◆ Engineering evaluations of site-specific remedial alternatives
- ♦ Risk assessment
- ◆ Treatability testing and pilot-plant and on-site demonstration systems
- Investigative/compliance sampling and analysis, pre- and post-closure monitoring, and data management
- Specialized hazardous waste site and public safety services, including OSHA-certified training sessions and site safety plan development
- Community and public relations research, plan development, and implementation in cooperation with regulators

Massachusetts site contaminated by halogenated VOCs where OHM constructed a slurry wall and cap in compliance with a SWMU closure.

Photo by Bill Critzer, OHM



Developmental tank-bottom totally enclosed water treatment system (airlift stripping/ ultraviolet destruction) to reduce benzene to below the TCLP standard of 0.5 ppm at petroleum product terminals.





Thirty-million-gallon PCB wastewater treatment project at the Avtex Fibers Superfund site in Front Royal, Virginia.



Photo by Jeff Trivelli, OHM





Closure of a 7-million-gallon, uranium contaminated, mixed waste basin at the DOE's Savannah River Plant completed to SCDHEC specifications.

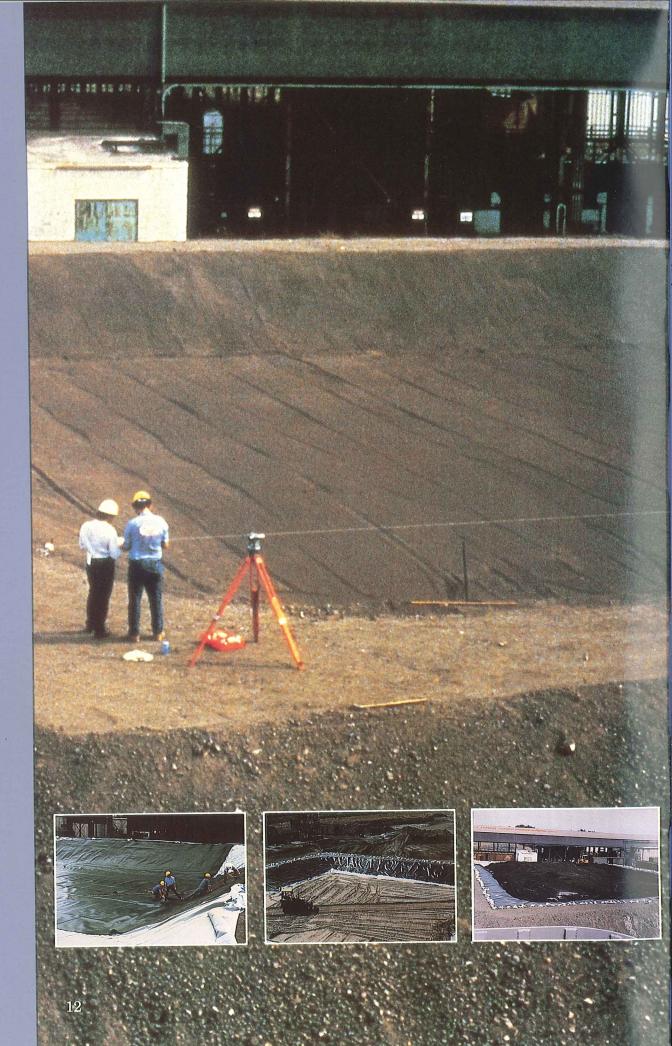








(Top 3 photos) Eighteen-month facility closure, decontamination, asbestos removal, and dismantlement operation for a New Jersey resins manufacturing plant to satisfy ECRA requirements. (Bottom photo) Stabilization of site waste at OHM's RCRA Part B permitted waste treatment facility in Georgia.



RCRA Subtitle C vault construction to contain hazardous waste on site. OHM designed, engineered, and constructed this facility for waste storage during permitting activities in conjunction with a mobile incineration project at the Florida Steel Superfund site.

Photos by Larry Peyton, OHM









(Above series) Kaohsiung, Taiwan, where OHM removed tetraethyl lead sludge from a 260,000 gallon storage tank, used high-pressure water blasting to remove residue, and dismantled the vessel for disposal.

Client Services Agreements

When a client enters into a Services Agreement,
OHM commits people, technologies, and equipment to provide services whenever they are
needed on an emergency or planned basis. More
than 250 businesses and 25 state and local
government agencies use client agreements for
OHM environmental services. Advantages of a
Services Agreement are:

- Easy accessibility to a wide range of quality services
- Pre-negotiated rates, terms, conditions, and specific contractual requirements that meet a client's legal and procurement policies

Index of Acronyms

ARAR - Applicable or Relevant and Appropriate Requirement

BDAT - Best Demonstrated Available Technology

CERCLA - Comprehensive Environmental Response,

Compensation and Liability Act

CMR - Commonwealth of Massachusetts Regulation

DOE - Department of Energy

ECRA - Environmental Cleanup Responsibility Act

EPA - Environmental Protection Agency

NPDES - National Pollutant Discharge Elimination System

OSHA - Occupational Safety and Health Administration

RCRA - Resource Conservation and Recovery Act

SARA - Superfund Amendments and Reauthorization Act

SCDHEC - South Carolina Department of Health and Environmental Control

SWMU - Solid Waste Management Unit

TCLP - Toxicity Characteristic Leaching Procedure

TSCA - Toxic Substances Control Act

UST - Underground Storage Tank

VOC - Volatile Organic Compound



RCRA Subtitle C vault construction to contain hazardous waste on site. OHM designed, engineered, and constructed this facility for waste storage during permitting activities in conjunction with a mobile incineration project at the Florida Steel Superfund site.





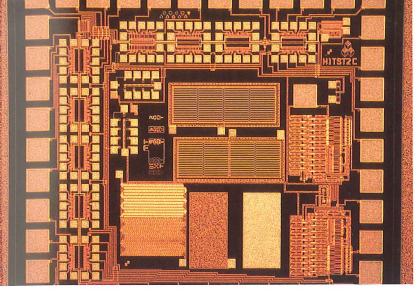
(Above series) Dredging of coal-tar-contaminated river sediments for dewatering, water treatment, and disposal. Sediments were removed from the Rideau River in downtown Ottawa, Ontario, and treated to meet Ministry of Environment provincial discharge criteria.

or more than 20 years, OHM has served clients in a wide range of businesses. The company also provides its services to various agencies at the federal, state, provincial, and local levels. Repeat business from *Fortune* 500 companies constitutes a significant portion of OHM's business. OHM clients include all *Fortune* 20 companies and 42 of the *Fortune* 50.

OHM is also a long-time contractor under the EPA's Superfund program and has successfully completed more than 600 emergency response and remediation projects for the EPA. The company provides services at federal facilities through the Army Corps of Engineers, the U.S. Coast Guard, the U.S. Army Toxic and Hazardous Materials Agency, and the Department of Energy.

OHM clients are active in the following industries:

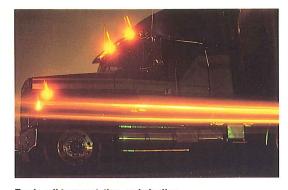
- ◆ Petroleum, petrochemical, and chemical
- Heavy and light manufacturing
- ♦ Banking, law, insurance, and real estate
- ♦ Rail, marine, and over-the-road transportation
- Pulp and paper
- ♦ Steel
- ♦ Electronics and semiconductors
- Consulting



Seven of the top ten Fortune 500 electronics companies and eight of the top ten Fortune 500
aerospace companies
have been OHM clients.



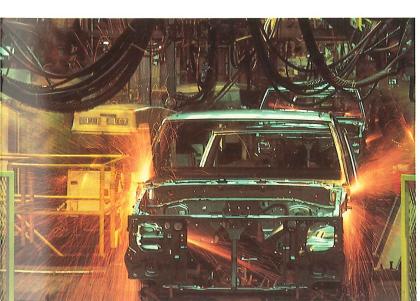
OHM clients include all of the Fortune 20 companies.



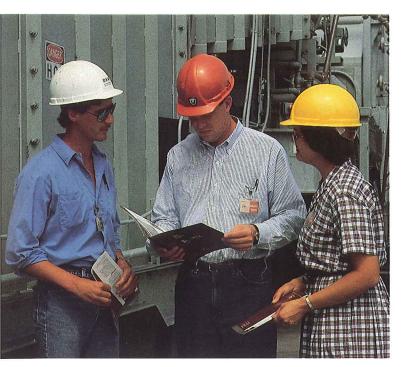
Truck, rail transportation, and pipeline companies use OHM Services Agreements for emergency response.



OHM has served all of the top ten *Fortune* 500 petroleum companies and eight of the top ten Fortune 500 chemical companies.



Seven of the top ten Fortune 500 vehicle manufacturers are OHM clients.



OHM's operations and project management personnel review progress and milestone decisions with the client.



Project managers interface daily with site supervisors regarding project scope, schedule, and health and safety procedures.



During bid preparation, OHM project management, technical, and estimating personnel define the best solution based on the client's objectives, applicable technologies, regulatory issues, and site conditions.

OHM Delivery of Services

OHM's commitment to the client is initiated by an account executive and implemented by a project team. The project team ensures the delivery of quality services that provide effective solutions.

Throughout the planning and implementation, the OHM team works closely with the client to review progress and milestone decisions.

OHM project managers have the responsibility and commensurate authority for all aspects of a project. Drawing from OHM's extensive technical and equipment capabilities, the project manager assembles technical, operations, administrative, and other support functions required to meet quality, cost, and schedule objectives. Other key responsibilities include:

- Primary client interface
- Health and safety requirements
- Regulatory compliance
- Financial tracking
- Quality standards

Primary benefits for clients are minimization of project costs, adherence to schedule, reliability of the promised results, and a single, primary contact.

OHM Locations



OHM Corporation

To secure OHM's experienced environmental solutions for planned projects and emergencies, call:

1-800-537-9540

24 hours a day or write to:

OHM Corporation 16406 U.S. Route 224 East Findlay, Ohio 45840

California

- Anaheim
- Sacramento
- San Leandro
- Santa Rosa
- Walnut Creek (2)

Connecticut

• Hartford

Florida

- Boca Raton
- ◆ Orlando

Georgia

• Atlanta (3)

Illinois

• Chicago

Louisiana

• Baton Rouge (2)

Maryland

• Baltimore

Massachusetts

• Boston (2)

Michigan

Lansing

Minnesota

Minneapolis

Missouri

• St. Louis

New Jersey

- Edison
- Newark
- Princeton
- Windsor

New York

Syracuse

North Carolina

• Raleigh

Ohio

• Findlay

Pennsylvania

• Pittsburgh (2)

Texas

- Austin
- Houston (2)

Virginia

• Richmond

Washington

• Seattle

Canada

- Montreal, Quebec
- Toronto, Ontario



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