

Oil & Gas Services



Continuity of critical business functions and being able to perform safely, while being compliant with all regulations, are of the utmost importance to organizations in the oil and gas industry. MWH Global relies on over 40 years of experience in the field to provide services for all aspects of wastewater treatment and water quality, remediation programs, and HSE compliance requirements for both upstream and downstream operations. We know your practices, processes, and requirements of exploration & production, transmission and storage, processing, refining, and retail facilities. Using this knowledge, we have the capability to anticipate on - and respond to - all regional and local federal regulatory program requirements in all of your service lines.

Remediation

MWH is experienced in all aspects of remediation and environmental compliance practices, processes, and requirements. We have a strong reputation in the development of environmental remediation and treatment systems that provide our clients with solution that meet budget, time and sustainability requirements. We work closely with our clients to establish project goals and priorities while making sure that each aspect of our work is conceptualized, designed, and implemented with those goals in mind. Our experienced teams employ a structured approach to remediation activities that considers business objectives, long and short term financial planning, current and future liability, potential future use, safety, public relations, and corporate image.

Wastewater

MWH has been providing wastewater treatment and water quality services for the petroleum and chemical industries for over 40 years, offering comprehensive services for managing industrial wastewaters, residual wastes, and water resources, with services ranging from preliminary planning studies and process auditing through design, construction, and operation and maintenance (O&M) of full-scale treatment facilities. Our engineers have the knowledge and experience to audit all types of petroleum and chemical wastewater treatment facilities to determine regulatory status, troubleshoot performance problems, and make recommendations for corrective action.

Safety & Compliance

Compliance with local and European regulations is of great importance for maintaining a license to operate. MWH has a well-established track record in compliance and safety management, permit applications, EHS and due diligence auditing and interim management. Whether it be natural gas transmission, oil and gas exploration, production or storage, our experts provide best in class solutions related to permitting, route/site planning, baseline studies, and specialized studies of sensitive resources. We also deliver expertise in construction environmental services and post construction environmental monitoring, as well as SEVESO guidelines (BRZO, PGS standards, etc) and accident investigations.



Risk Analysis & Management

- Program management
- Construction management
- Quality control
- Information technology
- Web solutions
- Strategic decision analysis
- Risk analysis
- Asset management
- Public communications and community involvement
- Security/vulnerability assessments and support
- Change management

Merger, Acquisition & Divestiture Support

- Global due diligence
- Portfolio and liability Assessments
- Remediation and compliance reserve estimates

Regulatory Compliance

- Compliance Management
- Management plans
- Training
- Audit programs
- Management systems (ISO 14000/OHSAS 18001)
- Permitting
- Environmental, health and safety programs

Site & Facility Services

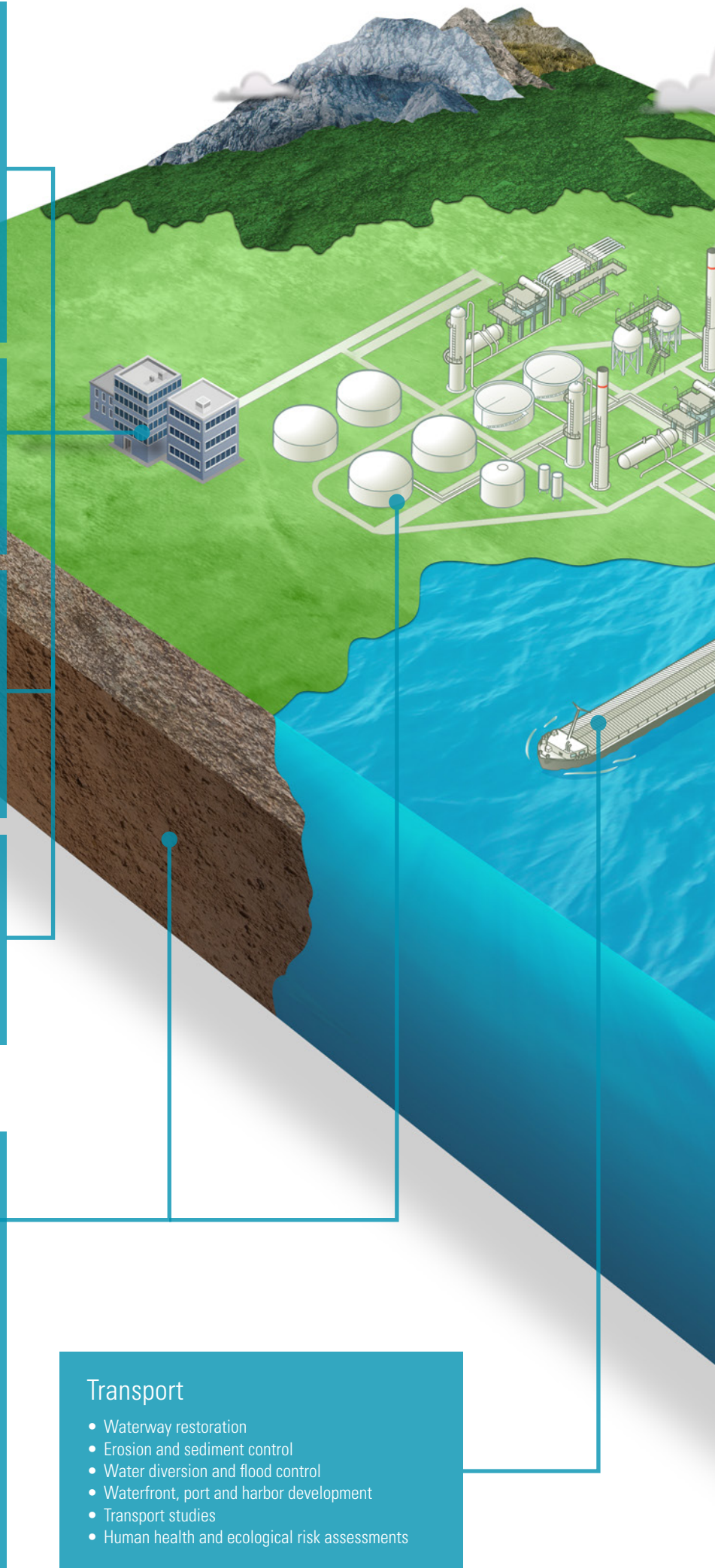
- Site planning and development
- Geotechnical and structural
- Decommissioning, demolition and decontamination
- Environmental impact studies
- Ecological studies

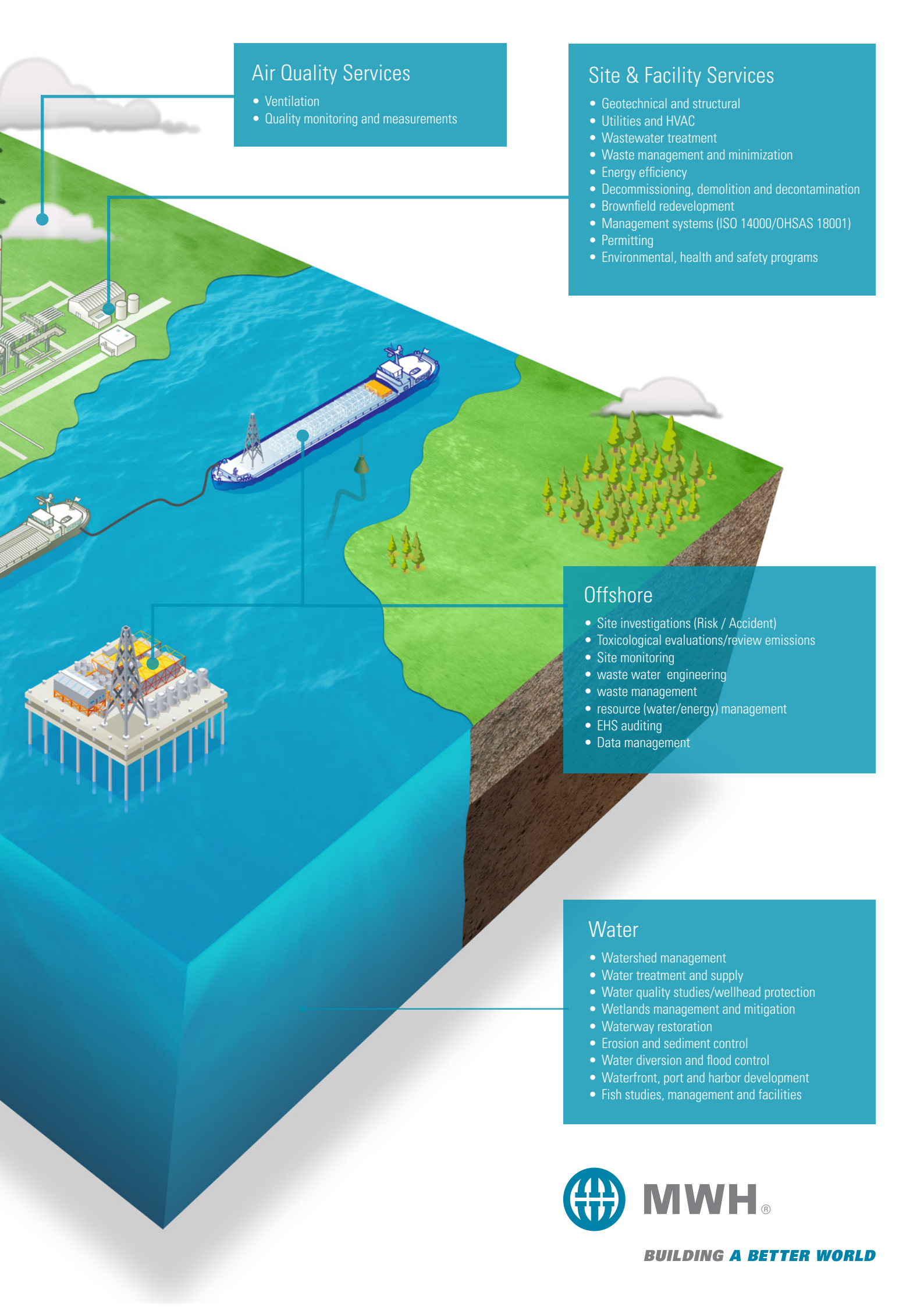
Environmental Remediation

- Site investigations
- Fate and transport studies
- Human health and ecological risk assessments
- Toxicological evaluations/review
- Modeling
- Site monitoring
- In-situ and ex-situ remedies
- Incident or spill management (LOC)
- Risk-based and natural attenuation approaches
- Impoundment/pond design, construction and closure
- Sediment decontamination
- Natural resource damage assessment support
- Data management
- Geographic information systems
- Environmental impact studies
- Ecological studies

Transport

- Waterway restoration
- Erosion and sediment control
- Water diversion and flood control
- Waterfront, port and harbor development
- Transport studies
- Human health and ecological risk assessments





Air Quality Services

- Ventilation
- Quality monitoring and measurements

Site & Facility Services

- Geotechnical and structural
- Utilities and HVAC
- Wastewater treatment
- Waste management and minimization
- Energy efficiency
- Decommissioning, demolition and decontamination
- Brownfield redevelopment
- Management systems (ISO 14000/OHSAS 18001)
- Permitting
- Environmental, health and safety programs

Offshore

- Site investigations (Risk / Accident)
- Toxicological evaluations/review emissions
- Site monitoring
- waste water engineering
- waste management
- resource (water/energy) management
- EHS auditing
- Data management

Water

- Watershed management
- Water treatment and supply
- Water quality studies/wellhead protection
- Wetlands management and mitigation
- Waterway restoration
- Erosion and sediment control
- Water diversion and flood control
- Waterfront, port and harbor development
- Fish studies, management and facilities



MWH®

BUILDING A BETTER WORLD

Q8 Benelux

Belgium

Retail Acquisition Support

Guidance and strategy for acquisition of 400 retail stations in Belgium, including representation of Q8 in soil and groundwater investigations; reviewing status reports of external consultant; providing legal guidance for strategic way forward in contractual negotiations.

Mobil Oil Corporation

Wisconsin, Illinois and Michigan, USA

UST and Bulk Terminal Remediation Program

Closure of numerous underground storage tanks and subsequent site investigations and remediation at large truck facilities and bulk fuel terminals. Free product recovery, groundwater extraction, air sparge, SVE, enhanced bioremediation and natural attenuation systems were designed, built, and operated by MWH.

Vopak

Rotterdam, The Netherlands

Environmental and Compliance Consultancy

Incident management (LOC), site-wide soil surveys and remediation management, H&S and Environmental consultancy.

Multinational Petrochemical Storage Company

Amsterdam, The Netherlands

Storage terminal soil and remediation management

Site soil management, soil and groundwater surveys and remediation. H&S and Environmental consultancy.

Exxon Mobil Global

Italy

Remediation Program Management

Managing all activities associated with land transaction/due diligence, investigation, demolition/ divestiture, and remediation at over 500 retail service stations throughout the country.

References

Bluewater

The Netherlands and offshore sites

Offshore Health & Safety

Performing H&S audits of several FPSOs located throughout the world.

Hindustan Petroleum Corporation

Mumbai, India

Feasibility Study and Detailed

Engineering Design for Refinery

Wastewater Treatment Plant

Evaluation and design of pumping station, pipeline, and refinery wastewater treatment plant for cooling tower use.

Shell Marine Products

New Orleans, Louisiana

Bulk Terminal Environmental

Compliance Program

Environmental Compliance program for independently-owned bulk fuel terminal sites used by Shell. Included inventories, assessments, reporting, and recommendations for corrective action.

Confidential Petrochemical Company

California, USA

Due Diligence, Estimates of Environmental Liabilities

Due diligence/environmental liability assessment/cost estimation for potential acquisition of former, large, industrial refining sites. Work involved records review, estimation of probable and reasonably possible environmental liabilities using stochastic cost models.

BP Exploration

Kenai, Alaska

Waste Management Plan

Prepared a complete Waste Management Plan for the Swanson River Unit. Work included waste inventory, regulatory flowcharts, management strategy, and field training.

Nedstore

Rotterdam, Netherlands

Environmental and Compliance Consultancy

Works included extensive site soil investigations and preparation of new site-permit.

Tank Services Pernis

Rotterdam, The Netherlands

Environmental and Compliance

Consultancy

Handling interim EHS management, executing site soil investigations and providing permitting services.

LBC

Rotterdam, The Netherlands

EHS Consultancy and remediation program

Site soil management planning, soil and groundwater surveys and remediation.

BP Chemicals

London, United Kingdom

Industrial Wastewater Treatment Facility

Providing toxic treatment design of chemical manufacturing wastewater facility.



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