



www.tmchgroup.com

An ISO 9001:2015 Certified Company

RC: 6837 14

TMCH
GROUP LIMITED



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About TMCH Group Limited

TMCH Group Limited is an ISO certified indigenous Nigerian company that specializes in providing Waste Management and Environmental services.

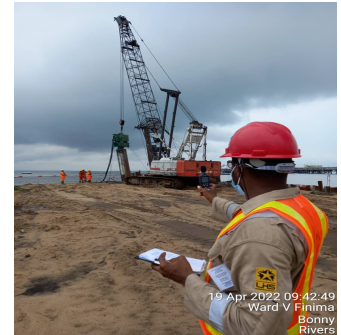
Our expertise is on Environmental monitoring, Material testing and Analysis Laboratory, Environmental Remediation, Vessel/Storage Tank Cleaning, Waste Management Services, civil construction which includes buildings and roads, Fabrication and Supply of Towing and Lifting Ropes and gears.

We provide reliable and efficient services in support of operations within the oil and gas industry thus we operate with highly qualified personnel with relevant competence and resources to provide the oil and gas companies with a wide range of quality services.

We take into consideration community relations, local capacity building and compliance with requirements of Nigerian local content laws as well as the regulatory bodies within the oil and gas industry in execution of our services.

TMCH is fully committed to deliver quality Environmental and Waste Management solutions and achieving excellence through lasting positive relationship with our stakeholders.

It is our policy to continuously operate as a reliable and client-oriented Company to deliver products and services in accordance with client's specifications and applicable statutory requirement.



OUR VISION

To Be an Indigenous Company
Most Admired for Her Quality of
Service.

OUR MISSION

Committed To Becoming Solution-
Provider of Choice in Our Range of
Services.

Our SERVICES

ENVIRONMENTAL MONITORING AND MATERIAL TESTING LABORATORY SERVICES

- Corrosion Coupon Analysis and Monitoring Services
- Environmental Quality and Compliance Monitoring
- Environmental Studies
 - ✓ Environmental Impact Study
 - ✓ Environmental Evaluation Study
 - ✓ Environmental Assessment Study
 - ✓ Post Impact Assessment Study
- Environmental Remediation
- Biological Monitoring



Environmental Monitoring: Groundwater Quality Analysis

WASTE MANAGEMENT AND TANK CLEANING SERVICES

- Vessel/Storage Tank Cleaning
- Mud Pit Cleaning
- Solids Control
- Waste Handling and Transportation
- Waste Treatment and Disposal - Incineration/Thermal Desorption Process
- Vacuum Transfer Services



Preparation for Automated Tank Cleaning.

FABRICATION AND SUPPLY OF TOWING/LIFTING ROPES AND GEARS

- Supply of Mooring Ropes
- Supply of Towing Sleeves
- Fabrication of Lifting Slings
- Fabrication of Towing Stretcher, Cargo net, etc.
- Supply of Lifting Gears and Accessories.



FABRICATION AND INSTALLATION OF PIPELINES / VESSELS AND STRUCTURES

- ▣ Pipeline sectional replacement
- ▣ Design and construction of storage tanks and structures. ▣ Design construction and installation of process piping
- ▣ Fabrication of topside units



HEAVY DUTY EQUIPMENT LEASING & OTHER SUPPLIES

- Drilling/Production Chemicals and Material Supply
- Offshore Skips, Cargo Baskets and Containers
- Bulldozers and Excavators
- Compressors & Pressure Washers
- Vacuum Truck
- Mud Pumps
- Marine Petroleum Products Supply



PROCUREMENT SERVICES

- Gas monitors
- Compressors
- Pneumatic/ Electric Pumps
- Valves
- Oil Country Tubular Goods (OCTG)
- Packaged Sewage Treatment Plant
- Mud Skips



Overview SERVICES

ENVIRONMENTAL MONITORING AND MATERIAL TESTING LABORATORY SERVICES

TMCH Group Limited has continued to live up to its commitment of becoming a solution provider of choice in our area of service. We have a fully equipped environmental Laboratory which has been accredited by statutory regulatory bodies in the Nigerian Oil and Gas Industry.

Corrosion Coupon Analysis & Monitoring Services

Our state-of-the-art laboratory is equipped with modern tools and technologies guaranteed to support our clients' operations and we are pleased to own the first in-country corrosion testing and monitoring laboratory.

We have gone a step further to synergize with foreign companies like the Brown Corrosion Inc. and Lux Assure Ltd to give unequalled technical solutions to corrosion problems in the oil and gas industry.

We also have innovative products that can protect your process equipment and pipeline infrastructure.

Our products are the most effective, accurate and safest method of corrosion management within the oil and gas industry. Interestingly, it can be used by anyone with minimal technical expertise.



TMCH LABORATORY



Atomic Absorption Spectrophotometer (AAS)



Water Bath



FID Gas Chromatograph

Environmental Quality Monitoring

In our laboratory, we do more than corrosion coupon analysis. We offer environmental monitoring services such as: Environmental Site Assessment (Phase 1 to Phase 3), Environmental Impact Assessment, Environmental Baseline Studies, Post Impact Assessments, Environmental remediation, Produced Water Analysis, Water Quality Tests, Soil Analysis for Oil and Gas Exploration, Agricultural and Geotechnical Purposes. Other ancillary services are on beverage analysis and material identification/investigation.



Noise Sample Analysis



In-situ Seawater Monitoring

Environmental Studies

Through the thorough examination of the interplay between the social, legal, management, and scientific aspects of environmental issues, TMCH offers services such as Environmental Site Assessment (Phase 1 to Phase 3), Environmental Impact Assessment, Environmental Evaluation Study and Post Impact Assessment.

Environmental Remediation Services

TMCH provides tough and versatile secondary containment. We also provide beam accessories such as berm guards and the Petro-pipe hydrocarbon filter.

Considering any type of spill-fuel tank spill, hazardous chemical spill, acid from batteries, TMCH ensures that sites are ready for fast and effective spill response and on site clean-up. TMCH specializes in providing customized solutions for oil and gas surveillance, spill and secondary spill management.

In conjunction with our foreign partners Varichem International Inc. We carry out major oil spill cleanup and environmental remediation using an eco-friendly chemical called RemediAde. This product contains natural and organic compounds and is highly effective for treatment of hydrocarbon contaminated soils and water in marshlands, beaches and oilfield sites. RemediAde has shown excellent results over the last twenty years with improved soil quality after application. Our skillfully trained and experienced personnel have the capacity to handle any spill and make the environment habitable and safe again.



OILSPILL AND CLEAN UP AT OGOINI

SOIL REMEDIATION APPLICATION

WASTE MANAGEMENT

Vessel/Storage Tank/Mud Pit Cleaning Services

In today's safety conscious work place, the preferred option for Confined Space Cleaning is the "No-Man" Entry Method. To achieve this, TMCH Group Limited has worked with a lot of technologies and methods using the Automated Rotary Cleaning Machines, Vacuum transfer system and other pumping solutions to clean vessel tanks, aboveground/underground storage tanks. Through our experiences in vessel tank cleaning, we have discovered that the "No- Man" Entry method is impracticable due to differences in various vessel tank configurations.

The use of Automated Rotary Cleaning Machines provides an automated cleaning solution for tanks and vessels to be cleaned with minimal requirement for man entry. We have a range of specialized Automated Rotary Cleaning Machines which can be configured to achieve the removal of caked mud/sludge from the Tank internal surface.

In TMCH Group, confined space safety is a top safety priority procedure and this has led us to continually train, update and equip our personnel/operators in confined space entry, the hazards and challenges related to confined space activities and rescue procedure respectively. TMCH Group has the capacity to successfully clean various vessel, process pits and storage tanks of all sizes for the oil & gas sector through our highly qualified staff using the most technologically advanced equipment Automated Tank Cleaning Machine (ATCM) for Tank Cleaning.



ATCM Gamma Jet



ATCM in Operation



Housekeeping of Above-Ground Storage Tank



Cleaned Tank Surface

Waste Handling & Transportation

We offer a wide range of handling & treatment options for all your waste streams. From hazardous and non-hazardous - drilling fluids, drill cuttings, process water & sand, dry bulk waste in liquid, solid, semi- solid, and sludge. In all operations from collection, transportation and disposal, we uphold rigorous quality assurance programs to meet the highest standards of both internal and external audits.



Mud Evacuation at Obagi for Total



*Sludge Evacuation at Onne port for
Total E&P*

We offer a range of transportation methods to move your waste to our treatment facilities using vacuum truck, skips, iso tanks, silo tanks, etc. Our extensive logistics and waste management capabilities ensure efficient and cost effective disposal of all types of waste. Depending on the nature of waste, the following options can be applied; Incineration, thermal desorption unit, waste water treatment, landfill.

Solid Controls

TMCH Solids control packages comprises of complete line of cutting-edge technologies engineered to optimize drilling efficiencies by reducing fluid losses, HSE impacts and costs. The all-inclusive solids control offering comprises of shale shakers and associated composite screen, flow dividers and shake vacuum systems, centrifuges and pumps, desilters and desanders, cutting dryers and agitators.

Waste Disposal

- **Incineration**

Incineration is a waste treatment process that involves the combustion of inorganic/ organic substances contained in waste materials. Incineration and other high temperature waste treatment systems are described as thermal treatment. During this process, waste materials convert in to ash, flue gas etc.

TMCH Group Limited provides high-tech, high-temperature destruction of hazardous and industrial waste. Our incineration facilities are maintained to meet any requirement from any client.



TMCH Group Limited's kilns are capable of processing solids, liquids and sludge and our thermal treatment systems advanced technology can destroy up to 99.9999 percent of all hazardous constituents.

- **Thermal Desorption Unit**

Thermal Desorption Unit (TDU) is an innovative process of remediating waste.

It is ideal for treatment for drill cuttings, contaminated waste mud /fluid and tank bottom sludge. It works based on a distillation process which recovers useful component of the waste (base oil in this case) from the contaminant while further treatment of the waste is done.

Waste Water Treatment

At TMCH, our waste water treatment services entail a wide range of aqueous treatment technologies for liquid and semi-liquid hazardous and non-hazardous waste water. Waste water treatment processes includes but not limited to; chemical oxidation and reduction, acid/base neutralization, filtration, carbon adsorption, supercritical fluid extraction, biological treatment, oil/water separation, stabilization through encapsulation.

Vacuum Transfer Services



*Sludge Evacuation from
Bourbon Diamond Vessel*

For all confined space and Vessel/Storage tank cleaning, the preferred solution would of course be one of no-man entry. For this purpose, our range of vacuum transfer systems and pumping solutions can be configured to meet the specific scope of work and specific gravity of material requiring removal thus ensuring optimum performance is achieved.

TMCH Group Limited specialized Vacuum transfer services collect and transport wet bulk or dry bulk hazardous and non-hazardous materials from vessel or tank to grave. We use

vacuum transfer services for pit cleanouts, sludge, liquids, vessel tank cleaning, storage tank cleaning, tank to truck and on-site transfer.

TMCH Group Limited Vacuum transfer services are provided on a routine or an emergency basis for general plant maintenance and planned projects as well as for emergency spills or product release situations. The equipment used to achieve these are vacuum truck, tanker truck and pumps.



Vacuum Truck



Sludge Pump

FABRICATION & SUPPLY OF TOWING/LIFTING ROPES & GEARS

TMCH is the sole accredited channel partner of Wireco World Group in Nigeria. Wireco is world's leading manufacturer of ropes. We offer the best rope solution to support your need to anchor, drill, pull, lift, span, suspend, control, transmit and move people, equipment and materials worldwide. Our products are suitable for use in the following fields: - oil & gas, mining, fishing, marine, cranes, structures, industrial and offshore.



FABRICATED SKIPS



SLINGS



CRANE ROPE

At TMCH, we have positioned ourselves to give our clients products and services tailored to suit their needs. We supply steel wire ropes of various sizes and constructions ranging from 3mm to 64mm ropes, 6x19, 6x25, 6x36, 6 x41, 17x7, 28x7 - etc, with high (IPS, EIPS, EEIPS), galvanized or ungalvanized. Our steel wire ropes are made into different specifications for applications like slings, anchoring, towing, pennant, cranes, dredging, and general engineering.



Also available are : - Dyneema, Polypropylene, Nylon, Polymer and Manila mooring ropes of different sizes

- 3 stands or 8 strands. Our Dyneema ropes are an alternative to steel wire ropes. They are flexible, light weight, floats on water and wear resistant. It is more than just a rope.

It is a technology!

In addition to the supplies, we fabricate mooring line stretcher for towing and anchoring, cargo nets, helipad net and gangway net and also rope accessories such as lifting



PIPESTOP

gears (Shackles, Hooks, Turnbuckles, Chain block, Bulldog grips and Sockets, and Lifting

Clamps). We also fabricate steel wire rope slings for lifting purposes ranging from single leg, 2legs, 4legs to 5legs slings. Also available are stingers slings, pennant, re-socket ropes and pipe stops

HEAVY DUTY EQUIPMENT LEASING

Our vacuum truck is available for extraction of liquid bulk such as oil base mud (OBM), water base mud, contaminated sludge, spent oil and base oil. It can also be used for bulking transfer of diesel and other petroleum products. Its vacuum system operates at 150 PSI and has a capacity of 10,000 liters. It is well maintained and pre-mobbed regularly for safety operations.



VACUUM TRUCK



CRANE

Also available for rentals are other high pressure jetting machine such as automated tank cleaning machine, pressure washers and compressors.

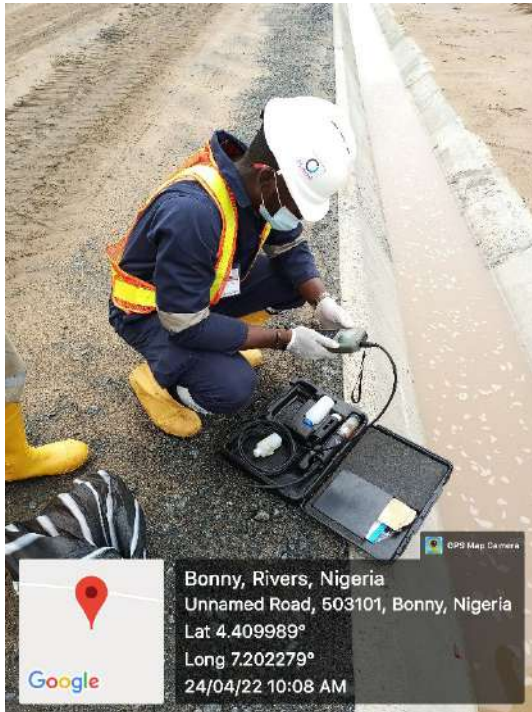
We also have excavators and bulldozers to aid your construction needs at affordable rates.

EVIDENCE OF SIMILAR JOBS DONE

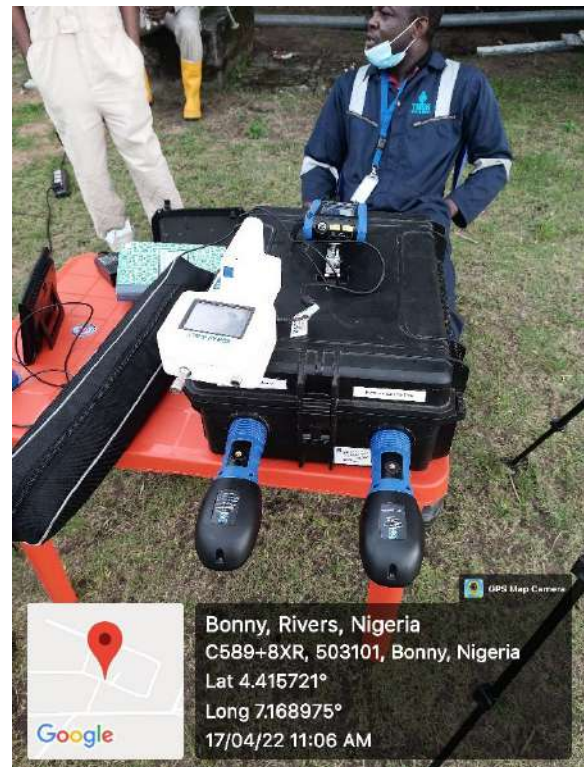
S/N	PROJECT TITLE	CLIENT	LOCATION	STATUS
1	ENVIRONMENTAL MONITORING	SAIPEM CONTRACTING COMPANY/DAEWOO JV	BONNY, RIVERS STATE	ONGOING
2	CONSULTANCY SERVICE FOR OIL SPILL REMEDIATION	WALTERSMITH PETROMAN OIL LIMITED	IBIGWE FIELD, OHAI, IMO STATE	COMPLETED
3	FEDERAL MINISTRY OF ENVIRONMENT, ENVIRONMENTAL AUDIT	WALTERSMITH PETROMAN OIL LIMITED	IBIGWE FIELD, OHAI, IMO STATE	COMPLETED
4	CALL-OF CONSULTANCY SERVICE FOR OIL SPILL REMEDIATION	SPDC	SOUTH-SOUTH	ONGOING
5	OIL SPILL REMEDIATION	SPDC	OGONI	ONGOING
6	HYDROCARBON POLLUTION REMEDIATION	SECURA INVESTMENT LIMITED	KPEAN, KHANA LGA, OGONI LAND, RIVERS STATE	COMPLETED
7	PROVISION OF CALL-OFF WASTE TREATMENT SERVICES FOR BODO PHASE 2 REMEDIATION	SHELL PETROLEUM DEVELOPMENT COMPANY, NIGERIA	BODO, OGONI LAND, RIVERS STATE	ONGOING
8	ENVIRONMENTAL IMPACT ASSESSMENT	ENERGIA LIMITED	KWALE, DELTA STATE	COMPLETED
9	ENVIRONMENTAL COMPLIANCE MONITORING	WALTERSMITH PETROMAN OIL LIMITED	IBIGWE, IMO STATE	ONGOING
10	ENVIRONMENTAL COMPLIANCE MONITORING	PASCHAL TECHNICAL SERVICES LIMITED	IGWURUTA, OBIO AKPOR, RIVERS STATE	ONGOING



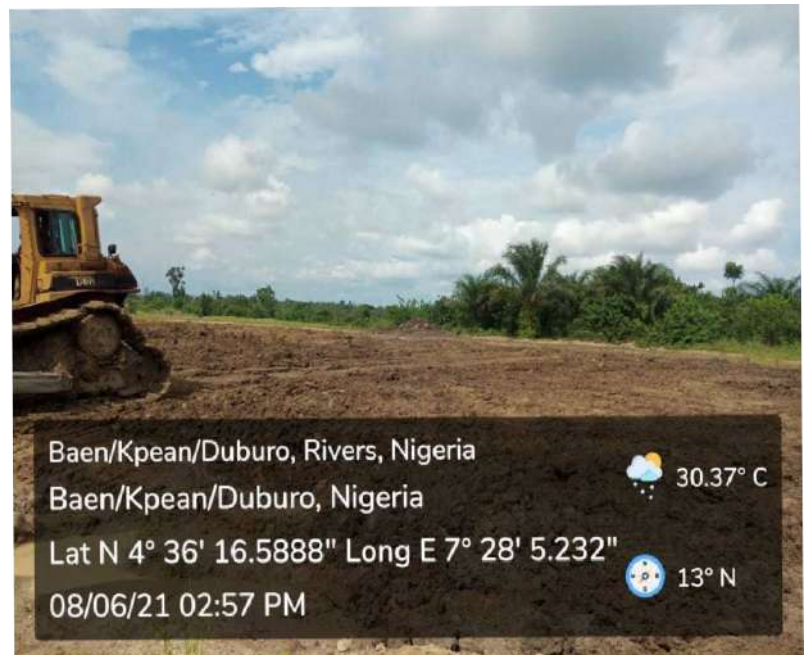
**QUALITY SERVICE
GUARANTEED!**



Environmental Monitoring: In-Situ Stormwater Testing



Environmental Monitoring: Continuous Air Quality Monitoring



Soil Remediation



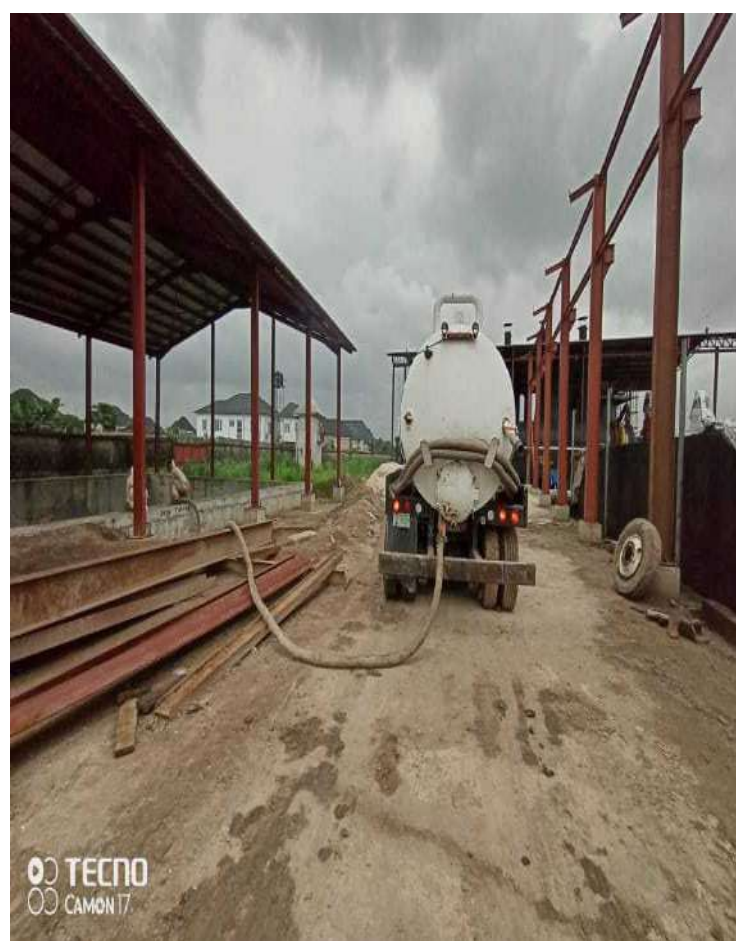
IN'SITU WATER PARAMETER TESTING AT WALTERSMITH FACILITY SAMPLE COLLECTION AND AIR QUALITY MONITORING AT WALTERSMITH FACILITY, IBIGWE, IMO STATE.



AIR QUALITY MONITORING DURING FMENV AUDIT AT WALTERSMITH FACILITY



NOISE MONITORING ACTIVITY AT ECM FOR SAIPEM IN BONNY



TMCH VACUUM TRUCK EVACUATING WASTE SLUDGE FROM SHELL BODO PROJECT SITE FOR ONWARD DELIVERY TO THE TREATMENT FACILITY

**OF HYDROCARBON CONTAMINATED SOIL FOR SECURA AT KPEAN,
KHANA LGA. RIVER STATE**



EXCAVATION OF CONTAMINATED AREA ONGOING



SITE INSPECTION BY HYPREP TEAM

ONGOING REMEDIATION AT OIL IMPACTED SITE AT KHANA LGA IN OGONI, RIVERS STATE.



TREATMENT OF CONTAMINATED SOIL

our CLIENTS

Year after year our clients have continued to grow. This is due to our eagerness and desire to satisfy our clients by having the best people and processes in place to consistently deliver services and solutions on time and within budget. Our commitment to service is our promise to exceed expectations on every deal.



ExxonMobil



Folawiyo Aje
Services Limited



OUR PARTNERS



CERTIFICATIONS



PROFESSIONAL ASSOCIATIONS



REGULATORY BODIES





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