CONTINUE TO ENHANCE PORTFOLIO OF BENTONITE-BASED ENVIRONMENTAL SOLUTIONS TARGETED FOR WASTE MANAGEMENT, WATER RESOURCE MANAGEMENT AND GROUNDWATER PROTECTIONS

Bauxite and Red Mud Pond Remediation Project in Saudi Arabia using Resistex® GCL.

We are the leading supplier globally of Geosynthetic Clay Liners (GCLs) for industrial, hazardous and municipal solid waste landfills, mining sites. Our GCL products, which include specialized **RESISTEX® GCLS, USE FEWER RESOURCES AND LESS ENERGY AND PROVIDES INCREASED STORAGE VOLUME AND LONGER LIFETIMES FOR THE WASTE MANAGEMENT UNIT THAN STANDARD CLAY LINERS.** RESISTEX® GCLs are dry blended, polymer-treated GCLs that are designed to provide improved chemical resistance in moderately aggressive leachate environments such as radionuclides and residues such as coal ash from coal-fired electrical generation or red mud from alumina processing. **IN 2018, WE CONTINUED TO ADVANCE OUR RESISTEX® GCL TECHNOLOGY THROUGH SEVERAL LARGE SCALE GLOBAL REMEDIATION PROJECTS. WE ALSO WORKED WITH UNIVERSITIES AND EXTERNAL LABORATORIES TO DEMONSTRATE THE PERFORMANCE OF OUR RESISTEX® GCL PRODUCTS AGAINST SITE SPECIFIC LEACHATES.**

In addition, we provide a range of REACTIVE CORE MAT® composite geotextile mat solutions for remediation of submerged contaminated sediments by capping sediments most commonly in river bottoms. The cap reduces mobility of the contaminants and interaction with aquatic organisms. We can utilize a variety of reactive media to reduce the mobility of harmful and undesirable organics and metals from sediment to water.

MTI's office and R&D facility in Hoffman Estates, IL is built to LEED standards and includes two green roofs, native planted bioswales and rain-gardens.

LIQUID BOOT® GAS VAPOR MITIGATION STYSTEM

Vapor intrusion is a significant environmental issue as commercial and residential construction projects occur on brownfield sites (a property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant). Vapor intrusion can be a result of volatile organic compounds (VOCs), such as gasoline, diesel or dry cleaning solvents; semi-volatile organic compounds; inorganic compounds, such as mercury or hydrogen sulfide; or vapors such as methane or radon. Our LIQUID BOOT® gas vapor mitigation system and accessories enables the reuse of contaminated sites. **AS A RESULT OF MTI'S LINE OF VAPOR BARRIER PRODUCTS, WE PROTECT OVER 50 MILLION SQUARE FEET OF NEW CONSTRUCTION PROJECTS THROUGHOUT THE WORLD – FROM HOSPITALS, SCHOOLS AND LIBRARIES TO HIGH RISES, MULTIPLE DWELLING UNITS (MDU'S) AND MAJOR PUBLIC WORKS PROJECTS.**

GREEN ENERGY PRODUCTS FOR HEATING AND COOLING AND BUILDING PROJECTS

Our products help increase the use of geothermal energy as a green energy source by utilizing ground source heat pump systems (GSHP). GSHP is an environmentally friendly way to heat and cool homes, hospitals, schools, government buildings and virtually any structure requiring heat and air conditioning. GHSP uses renewable energy and reduces consumption of crude oil and other types of fuel used in heating. Our GEOTHERMAL GROUT™ and TC BOOSTER™ products provide greater thermal conductivity and improve the energy efficiency of the GSHP systems.

Our GREENSCAPES® Green Roof Systems combine the performance of proven waterproofing systems with modern green roof technology and design. Customized to meet specific building requirements, MTI offers a variety of systems, components and accessories that can create unique green roof solutions to meet the environmental, rain water management, building cooling and carbon dioxide reduction benefits resulting from vegetation in a green roof.