



Form follows function: Decon travels south with TerraCure™ mobile!

For Immediate Release: Tuesday, June 2, 2015 (Middletown, NJ) - Form follows function is a principle associated with modernist architecture and industrial design in the 20th century. The principle is that the shape of a building or object should be primarily based upon its intended function or purpose. The same form/function could be compared to applications in environmental sustainability and resiliency. In 2003, Harbor Resource Management Corporation (HRMC) was awarded a contract from the State of New Jersey Department of Transportation (NJDOT) to demonstrate its innovative sediment decontamination process on a demonstration-scale level to treat 300 cubic/yards of contaminated dredged sediment from the urban industrialized Newark Bay, NJ. The demonstration project took place at the Bayshore Recycling Center, in Keasbey NJ. The HRMC TerraCure™ particle size separation and chemical treatment process produces a back-end beneficial use product, which successfully placed this decontaminated sediment (typically going to a landfill) on a local golf course as clean natural dirt.

Since the NJ demonstration, HRMC has improved its process and received a second patent in 2013. HRMC has cooperated with both international and domestic companies in pursuit of sediment and soil treatment/reclamation projects. More recently, HRMC is now taking its patented TerraCure™ process as a mobilized platform system to Louisiana to treat a variety of soil petroleum / brine based contamination. “A mobile system will allow us to bring the integrated solution to the problem in the most efficient manner” say’s Michael Behan, HRMC President. “Our clients are looking for more sustainable and economic alternatives with beneficial use compared to the traditional dig & *haul to landfill* solution,” he says. “Our system is modular and we can design or customize it for not only the layout of the site but also the nature (soils and sediments) and degree of the contamination.”

Eric Stern, Principal at Environmental Adaptive Strategies, LLC has known and worked with Mr. Behan and HRMC for many years going back to the early days

when Stern was the Regional Contaminated Sediment Program Manager for the USEPA Region 2 in New York and Program Lead for the New York/New Jersey Harbor Sediment Decontamination Program. Stern worked closely with NJDOT and the US Department of Energy Brookhaven National Laboratory in bringing innovative sediment treatment technologies from bench through pilot and commercial scale applications that offer beneficial use options such as construction grade cement, manufactured soil and geotechnical fill. Stern says “the environmental market and pricing structure has finally caught up albeit since 1995 that clients could consider innovative technologies when you address turn-key operations that entail also reducing corporate liability, competitive costing and reducing haul and dump (at great distances) to landfills from the overall life cycle of the project”

What started out as an innovative integrated fixed regional solution for the contaminated sediment challenge in the NY/NJ harbor is now looking to become a sustainable mobile solution to an almost hundred-year-old contaminated soil problem in Louisiana? “Laissez les bon temps rouler!”

For more information, please contact Michael Behan at 732-221-0500.