



MOBILE DUAL PHASE EXTRACTION

MDPE is also known as Mobile Multiphase Extraction (MMPE), Aggressive Fluid Vapor Recovery (AFVR), Mobile Vacuum Enhanced Recovery (MVER), Vacuum Enhanced Extraction (VER), as well as other terms throughout the US. We utilize a highly effective vacuum source and have demonstrated the ability to extract free product, contaminated ground water, and volatile organics laden soil vapor to depths of 95 ft. BGS. We offer comprehensive groundwater treatment for compliance with TPDES/NPDES permits on our 7-day and 30-day units.

HOW DOES MDPE WORK

A high vacuum system is applied below the LNAPL in an affected well to simultaneously remove combinations of free product, contaminated soil vapor, and contaminated groundwater from the subsurface. Total fluids are either separated and treated or collected for offsite disposal. Hydrocarbon vapors are destroyed at a high temperature within a Thermal Oxidizer.



*8, 24, and 72-hour events
with Soil Vapor Thermal
Treatment*



*7 and 30-day MDPE Events
with Soil Vapor &
Groundwater Treatment*



*Lease Equipment and
Systems*