

MOBILE WATER TREATMENT PLANT

Why

Many construction, redevelopment and remediation projects require short-term sump pumping or groundwater extraction and treatment due to historical releases of chemicals. Insitu's mobile treatment system can be quickly mobilized to a site and provide a proven solution for water impacted with petroleum hydrocarbons, VOC's, chlorinated solvents and PAH's. A mobile Certificate of Approval from the Ontario Ministry of the Environment (4507-7BML7K) permits discharge of treated water to a storm sewer or surface water body.



1,000lb GAC Contactors

How

Primary treatment is accomplished through the use of a bag filter and organo-clay filtration. Final polishing is accomplished through the activated carbon, a proven broad-spectrum treatment for a wide range of contaminants. Also available if required, is activated alumina for treatment of tetraethyl lead.

The equipment is housed in a modified shipping container to simplify setup and operation and allow for operation in all weather conditions. The container comes equipped with lights, explosion-proof heater, ventilation and an optional remote dialer to alert of alarms conditions.

System Specifications

Rated Flow	50 gpm
Approximate Wt.	17,000lbs
Outside Dimensions	20.5'L x 8.5'W x 9'H
Ambient Operating Temp.	-30C to 40C
Power Requirements	80A @ 230V, 1 ph

This system can be provide as a stand alone unit or as part of complete water management system. Insitu can provide the right solution for the situation included electric submersible, air-driven submersible, educator and vacuum extraction systems.



Secured Treatment System Container

Where power is not available, or where on-demand backup power is required, Insitu can provide diesel-powered generators and automatic transfer switches.

When

When its time to consider ground water recovery and treatment, call

call **Insitu Contractors** at
519-763-0700 (fax 763-6684).