

# Groundwater Remediation

INDUSTRIAL FILTRATION | GROUNDWATER REMEDIATION | GROUNDWATER FILTRATION

## Hydrocarbon Removal From Ground Water

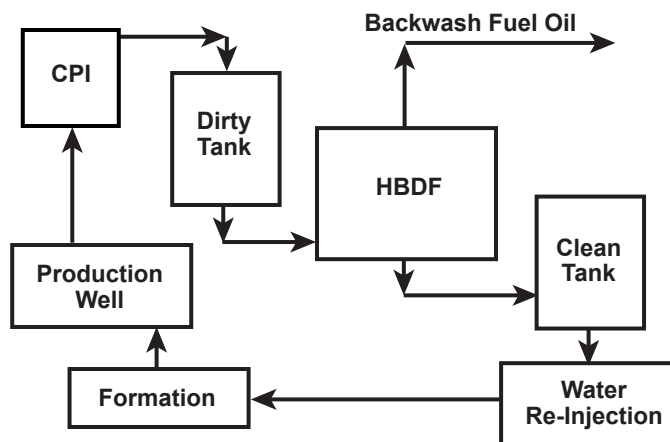
### PRODUCT USED:

**Deep Bed Walnut Shell  
Media Filter**



END USER:	Imperial Oil Limited, Fell Avenue Waster
LOCATION:	North Vancouver, BC Canada
UNITS:	(2) FDB-19P
FLOW RATE:	600 gpm. (0.875 Million Gallons of Water per day)
PROCESS:	Removal of Hydrocarbon from residual water at Remediation Site

### GROUNDWATER REMEDIATION-PROCESS FLOW DIAGRAM



### MORE INFO

The groundwater treatment system provided to Imperial Oil consists of (2) units processing 300 gpm each and removing the hydrocarbons (mostly crude oil) from groundwater.

Soil is continually excavated and then removed from site and the excavation process uncovers more and more groundwater from the former refinery.

The result is the formation of ponds, which are pumped to the water treatment facility. The oil is first separated from the groundwater with an IGF and then water is polished with the HDBF, prior to discharge to the river.

The produced water that is sent to the filter contains 10 ppm TO 50 ppm of the hydrocarbon. The effluent quality is less than 1 ppm hydrocarbon and TSS. The Backwash water from this groundwater filtration is continually processed and skim from the IGF is stored and then trucked offsite.

Once soil and groundwater remediation is complete, the land may be used for condos, supermarkets, and various other commercial developments including hotels restaurants, and a marina.

**The ONLY way to get efficient and profitable groundwater treatment is to call us at 248-427-9090. We promise, 100% guarantee this systems will solve almost all you groundwater problems.**