

Fuel Oil Removal From Groundwater

INDUSTRIAL FILTRATION | FUEL OIL REMOVAL | OIL REMOVAL FROM WATER

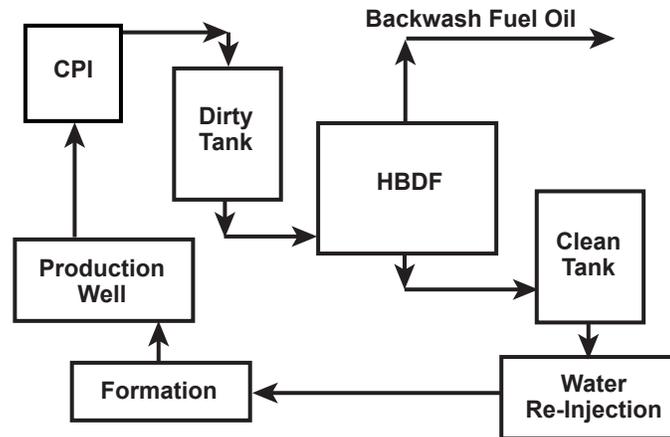
Aquifer Solutions Groundwater Remediation

PRODUCT USED:
Walnut Shell Media Filter



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| END USER: | Aquifer Solutions, for Republic Paper Board |
| LOCATION: | Commerce City, CO |
| UNITS: | (1) FDB-19P Complete with dedicated backwash |
| FLOW RATE: | Supply pump for hot water backwash 300 gpm. (0.5 Million Gallons of Water per day) |
| PROCESS: | No. 6 fuel oil removal from water in the ground |

FUEL OIL REMOVAL FROM GROUNDWATER-PROCESS FLOW DIAGRAM



MORE INFO

The system provided to Aquifer Solutions is an industrial water filter used to remove No. 6 fuel oil from ground water.

Two (2) Horizontal wells are drilled the length of the designated remediation property, which at one time, was a paper mill. The injection well provides the formation with hot water and the second production well is the conduit for oil and water to be removed from the ground.

The oil is first separated from the produced water with an IGF and then water is polished with the HDBF, prior to re-injection.

After this first oil removal from water, the produced water that is sent to the filter contains 10 ppm and 50 ppm of the fuel oil. The effluent quality is less than 2 ppm fuel oil and TSS. This is a single unit installation with plastic tanks (shown above) used for backwash supply and backwash.

Once fuel oil removal from the ground and groundwater is complete, the water rights to the onsite wells will be sold to the State of Colorado and then provided for use in agriculture.

Don't hesitate to call, 248-427-9090, to discover how your groundwater can easily and more efficiently filtered for safer re-injection, resale or disposal.