ENVIRO NOW®

THE OIL & PROCESS WATER SPECIALISTS

POLYNUCLEAR AROMATIC HYDROCARBON (PAH) REMOVAL

MANY SITUATIONS EXIST WHERE POLYNUCLEAR AROMATIC HYDROCARBON'S NEED TO BE REMOVED FROM GROUNDWATER DURING REMEDIAL ACTIONS.

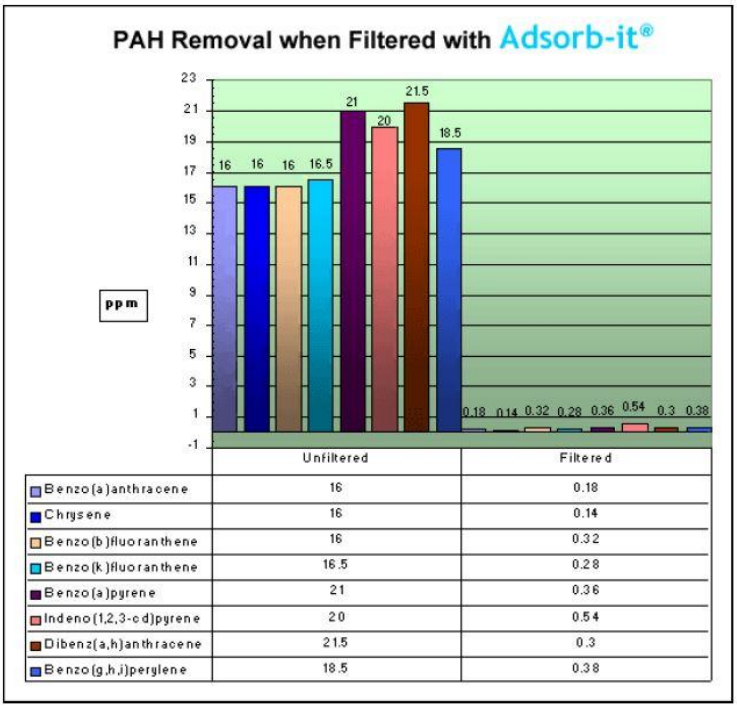
METHOD

Analytical laboratory spiked aqueous samples were analysed for Polynuclear Aromatic Hydrocarbon concentrations by USEPA Method 8270.

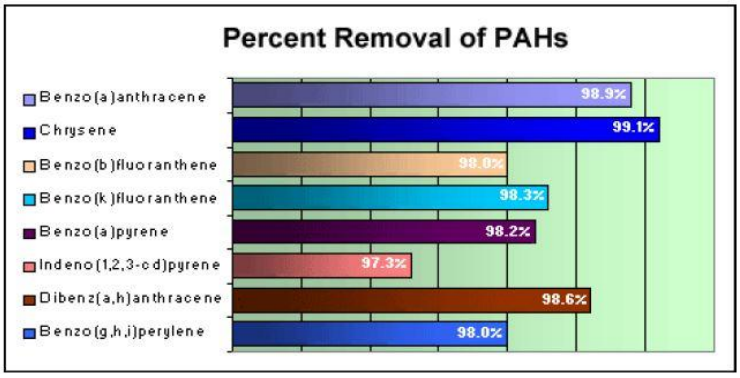
Those spiked samples were then poured through 20 grams of ADsorb-it® Geo-Textile Filtration Fabric and the water passing through the ADsorb-it® Filter Fabric was again analysed by USEPA Method 8270 providing the results of analytical chemistry presented in the graphs below.

CONCLUSION

The Polynuclear Aromatic Hydrocarbon removal efficiency of ADsorb-it® is in excess of 97%.



	Unfiltered	Filtered
Benzo(a)anthracene	16	0.18
Chrysene	16	0.14
Benzo(b)fluoranthene	16	0.32
Benzo(k)fluoranthene	16.5	0.28
Benzo(a)pyrene	21	0.36
Indeno(1,2,3-cd)pyrene	20	0.54
Dibenz(a,h)anthracene	21.5	0.3
Benzo(g,h,i)perylene	18.5	0.38



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