



Before activation.



After activation, oil is solidified.

## HOW OUR GREEN RHINO® POLYMER FILTRATION TECHNOLOGY WORKS

Green Rhino® utilises a variety of smart polymer filtration media in a number of its products.



Oil is added to water.



Green Rhino® CG1 Polymer is added. The spill is solidified.



Green Rhino® CG1 polymers are all designed to remove hydrocarbons from contaminated water. This technology works on hydrocarbons such as oil, diesel, petrol, hydraulic fluid, transformer oil and much more. The white granular powder has been developed in slightly different grades and blends to cater for specific pollution challenges in the environment.

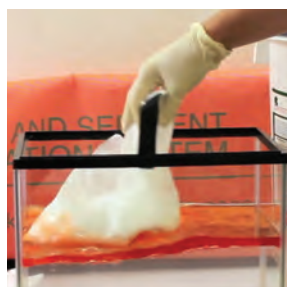
The effect of this technology means that hydrocarbon contaminants can be removed from water down to non-detect levels in a very short period of time.

The polymer technology works by becoming part of the hydrocarbon liquid, quickly removing the contaminant and holding it permanently so it cannot leak out. The polymers are capable of completely solidifying the spill by turning it into a rubber-like mass for easy removal. This means that high volumes of water with a small percentage of hydrocarbons contaminant can be processed on-site without the use of vacuum tankering.

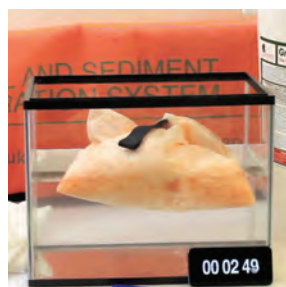
The polymers have no special COSHH requirements, are non-toxic, non-carcinogenic and harmless to humans and wildlife.

The technology is utilised inside in-line filters, dewatering packs and the EnviroPad® smart drip tray.

The use of this technology allows Green Rhino® to offer simple but highly effective solutions that can replace traditional cumbersome alternatives, which helps reduce your overall costs and site downtime, whilst offering up to 100% efficiency in the removal of contaminants from surface water.



Pillow is added to the oil.



Leave for 10 minutes.



The oil is removed.