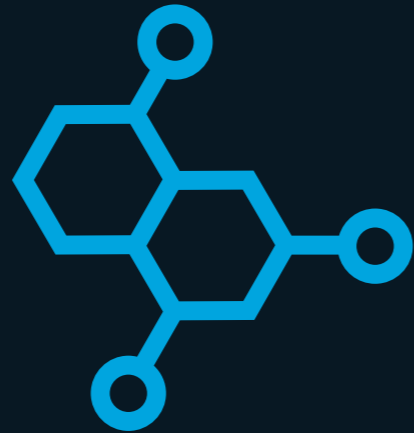


# SMART POLYMER TECHNOLOGY



Green Rhino has pioneered the use of smart polymers in pollution prevention. Smart polymers have a unique property: they transform liquid hydrocarbons into a non-hazardous solid or semi-solid state, enabling pollutants like oil and fuel to be neutralised.

We've spent over a decade perfecting blends of polymers to perform with different hydrocarbons. The solidification process needs to happen quickly and the viscosity of the hydrocarbon is a critical factor.

Oil-derived hydrocarbons like mineral transformer oil and bio products like ester oils present different challenges.



Scan code to watch how our smart polymer technology neutralises hydrocarbons.

SCAN ME



Capture Green Ltd (T/A Green Rhino)  
43 Crane Boulevard, Ipswich IP3 9SQ  
Contact us on 01206 299388 or  
email [sales@greenrhinoglobal.com](mailto:sales@greenrhinoglobal.com)  
[draineezy.com](http://draineezy.com)



# BEFORE YOU THINK OIL WATER SEPARATOR, THINK DRAINEEZY®



NO-NONSENSE FILTRATION SYSTEMS FOR TRANSFORMER BUNDS



# WHY USE DRAINEEZY® INSTEAD OF A TRADITIONAL OIL WATER SEPARATOR?

- ✓ Reliable filtration not prone to failure
- ✓ Lower cost, lower maintenance
- ✓ No power required
- ✓ Quicker, safer installation
- ✓ Easier to access for inspection and sampling
- ✓ Filters can last years on low-risk sites
- ✓ Spent filters can be disposed of in standard hazardous waste



**BEST SELLER!**

## BUND DRAINAGE DRAINEEZY® BUND FILTERS

These innovative oil removal filters allow transformer bunds to drain freely without polluting the environment. They prevent bunds from overflowing with rainwater and offer significant cost-savings over oil water separators and vacuum tankers.

- Remove oil to non-detect levels
- Automatically seal if inundated
- Bund outflow can be discharged into the environment
- Low-cost, low-maintenance drainage for low-risk sites
- Filters for mineral oil, Midel 7131 and FR3

### How Do They Work?

DrainEezy Bund Filters contain smart polymers which transform transformer oil into a non-hazardous solid. The solidified oil is trapped inside the filter with only clean water discharged from the outflow.

### Failsafe Performance

When the filter reaches capacity it becomes blocked by the solidified oil. This prevents the escape of contaminants when the filter needs replacing. In the event of a catastrophic breach, the filter will seal before any oil can leak out.

### Cost-Effective

For low-risk scenarios where leakage or a catastrophic breach is highly unlikely, more elaborate systems like oil water separators are expensive and unnecessary. DrainEezy filters require only a port on the side of the bund. Installation and replacement takes no more than a couple of minutes and requires no specialist knowledge. With no power requirements and no moving parts, minimal maintenance is required.

“**FOR LOW-RISK SITES,  
GREEN RHINO'S DRAINEEZY  
FILTERS ARE A GAME CHANGER.**”

Independent Connections Provider



[draineezy.com](http://draineezy.com)

# PERFORMANCE BACKED BY DATA

During product development, all DrainEezy Bund Filters undergo a rigorous, scientific test program to ensure they perform in the harshest conditions. Factors tested include temperature, flow rate, volume of oil and head pressure.

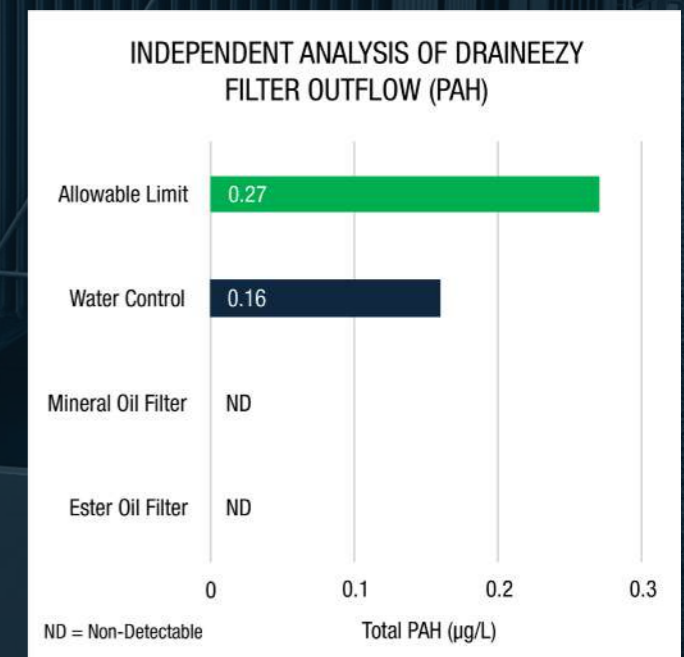
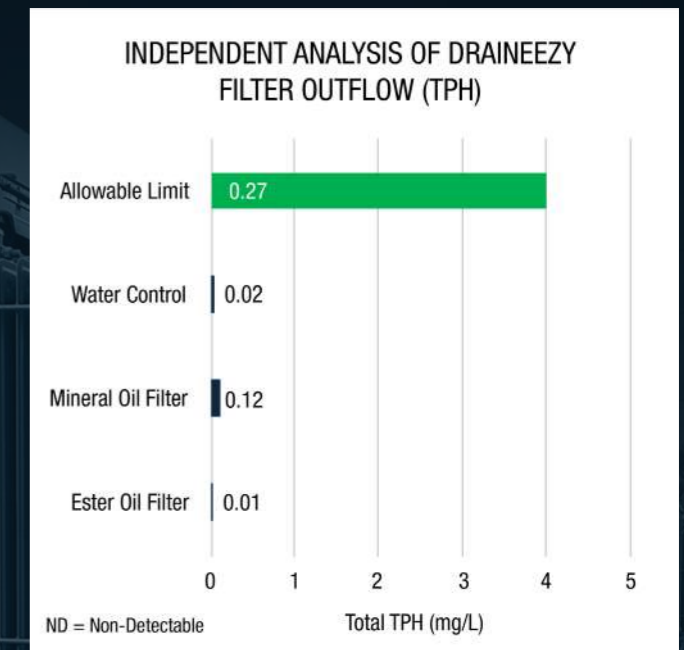
Only once our inhouse testing program has demonstrated that a filter design can deliver consistent results are water samples sent to an independent third party for analysis.

Please ask if you would like to see these independent test results. The charts summarise the TPH and PAH results for our mineral oil and ester oil filters.

The generally-accepted maximum level for hydrocarbons in water discharged to the environment is 5 mg/L or roughly 5 ppm. For the Poly-Aromatic Hydrocarbons (PAHs), the maximum limit is 0.27 µg/L or roughly 0.27 ppb. All DrainEezy Bund Filters meet these standards.

### FLOW RATE

Ester oils require longer contact time with the smart polymers leading to lower flow rates. DrainEezy Bund Filters are designed to drain quicker than a bund can fill up with rainwater. We can help you calculate the required flow rate for a site.



CODE	PRODUCT	CAPACITY	FLOW RATE
GRR030000HRC	DrainEezy Bund Filter for Hydrocarbons 1L	Up to 1L Oil	Up to 6 LPM
GRR030020HRC	DrainEezy Bund Filter for Hydrocarbons 2.5L	Up to 2.5L Oil	Up to 15 LPM
GRR030101ERC	DrainEezy Bund Filter for Ester Oils (Midel 7131/FR3)	Up to 1.5L Oil	Up to 0.25 LPM