

## CLEANAWATER — OPERATIONS & MAINTENANCE MANUAL

### OIL POLISHING FILTER (OPF)

The OPF is a packaged system, typically supplied in a 205 ltrs (44 GAL) capacity drum, made from Grade 304 Stainless Steel, empty weight approx 10kg. Each OPF is supplied pre-packed with the adsorbent media—ADsorb-it® pads and Cleanawater OAG socks — which typically adds a further 15kg to the drum weight.

Cleanawater OAG (Oil Adsorbent Granule) is a hydrocarbon adsorbent inert material (see attached MSDS Sheet for details) that has an adsorption / removal rate of oil in water of up to 10x its original mass;

i.e. 15kg of Cleanawater OAG will adsorb / remove around 150 litres of hydrocarbons suspended / mixed in water.

Cleanawater OAG is supplied in 1kg flexible polyester socks that are deployed within the drum structure and can be easily and readily removed and/or replaced (see OPF Charge / Recharge Sequence Manual).

**NB: SOCKS ARE NOT COLOURED WHEN SUPPLIED. COLOURS WILL VARY ACCORDING TO ORIGINAL PIGMENTATION OF CONTAMINANTS AND LEVELS OF OTHER IMPURITIES.**



Planning,  
Industry &  
Environment

*Issued under the Environmental Planning and Assessment Act 1979*

Approved Application No **DA 10647**

Granted on the **7 May 2021**

Signed **D James**

Sheet No **16** of **59**

## **INSTALLATION PROCEDURE**

1. Check that Cleanawater OAG has been supplied complete with internal components by re-moving the metal locking band and opening the lid. With internal components verified replace and relock lid.
2. Position unit, ensuring that it is on a clear and level base. Check to ensure that it does not block access to walkways, traffic aisles or other rights-of-way.
3. Align and connect incoming and outgoing supply lines and isolating valves if required.

# **CLEANAWATER PTY LTD — OPERATIONS & MAINTENANCE MANUAL**

## **OIL POLISHING FILTER (OPF)**

### **OPERATING PROCEDURES**

1. Based on information provided by the client (Company Name), detailing total water volumes being treated and contaminant levels in Xppm, we extrapolate that the system will require inspection after hours.
2. Isolate the unit, drain the unit, remove the lid and top ADSorb-it® pad to expose and visually inspect the socks on the top layer. If they are discoloured, remove them and inspect layers underneath, removing and replacing discoloured socks sequentially as and if required, as de-scribed in the OPF Charging / Recharging Sequence Manual.
3. Contain removed socks in a suitable vessel for disposal.
4. Convey removed ADSorb-it® pads to Cleanawater OAG wringer / drum funnel for remediation.