

## Bioaction Press Release – April 2015

### *Is the local sewer pump station on the nose?*

#### **Announcing FiltaVent™ from Bioaction!**

One of the most common problems experienced by sewer network operators is complaint about odours escaping from wastewater pump stations and other sewer network infrastructure. To solve these odour abatement issues Bioaction have just launched the **FiltaVent™** range of compact, ground mounted, passive vent filters. These Australian designed and manufactured filters provide a quick, cost effective solution to fugitive sewer gas odours.

Bioaction are a recognised manufacturer and supplier of packaged biological and activated carbon air filtration systems to the municipal, commercial and industrial sector. They have been designing and building state of the art filters on the central coast of N.S.W. for more than 5 years and has installed large and small infrastructure projects around Australia.

The **FiltaVent™** filters come in range of sizes to suit various applications such as small pumps stations, air relief valves and sewer manholes. They can also be used domestically to treat on-site wastewater systems around the home. The filters are easily installed and provide instantaneous results with the absorption of noxious and toxic fugitive odours. These filters are an excellent option to replace old corroded and unsightly vent stacks. So in addition to removing the odours it also cleans up the view for the local community and reduces the impact of the infrastructure on the local environment.



FV30 – 30lbs system with replacement Cartridge



FV120 – 120lbs system, which fits on a pallet.

The **FiltaVent™** filters are fitted with replaceable cartridge/s to enable exhausted media to be replaced easily and safely. The cartridges are loaded with high performance activated carbon designed to maximise Hydrogen Sulphide (H<sub>2</sub>S) absorption and provide long-term treatment of sewer gases. H<sub>2</sub>S, which smells like rotten eggs, is the gas that causes most complaints from concerned citizens and these filters deal with this easily. In addition to H<sub>2</sub>S the activated carbon media also removes of Dimethyl Sulphide, Mercaptans and volatile organic compounds (V.O.C.'s). The result is more than 99.5% of odourous gases are successfully removed along with the complaints.



FV30 system open with cartridge inside



CART 30 Cartridge which weighs 23kg

The **FiltaVent™** filters are available in a 20/ps and 30/ps single cartridge systems, or 60/ps and 120/ps multiple cartridge systems. They are designed for simple installation and can be connected by duct line or directly over the odour source such as a wet well at a wastewater pump station. Bioaction engineered the construction of the **FiltaVent™** filters and cartridges from recyclable materials like Poly Vinyl Chloride (P.V.C.) or High Density Polyethylene (H.D.P.E.), as well as the activated carbon media. The systems are insect and vermin proof, and have a very robust design to prevent environmental and vandal damage to give many years of active service in the range of Australia's harsh climatic conditions.

**FiltaVent™** is part of the large range of small and large scale air filtration solutions that are design and manufactured by Bioaction in Australia to solve a multitude of filtration issues.



For more information call Geoff Crook – Commercial Manager on 0243935603 or visit [www.bioaction.com.au](http://www.bioaction.com.au)

# FiltaVent

PASSIVE VENT FILTRATION



FiltaVent™ FV30 – 30lps single cartridge ground mount passive vent filter



CART30 – 30lbs replacement cartridge



FiltaVent™ – FV30 assembly showing CART30 replacement cartridge inside FV30 housing.



FiltaVent™ - FV120 120lbs quad cartridge ground mount passive vent filter



FiltaVent™ – FV120 assembly showing 4x CART30 replacement cartridges inside FV120 housing.