

## Hydrogen Sulphide.

This constituent is very easily identified by the awful “rotten egg” smell it releases. Hydrogen sulphide gas can permeate an entire home or building with its rank odour. In addition, it is extremely corrosive and can attack piping, tanks, water heater elements and any metallic surfaces it contacts. Since it is present as a gas in water, it usually must be tested the source since it will dissipate quickly when released from the water system. Virtually any level of this gas can be offensive and destructive and often varies in concentration throughout the period of a year based on numerous factors including the amount of rainfall and even barometric pressure. Amounts as minute as 0.05mg/l can be detected by many individuals and cause property damage over a period of time.

### Solution

#### ACTIVATED CARBON FILTERS

The activated carbon filter is designed to deal with objectionable tastes, odours, colour and chlorine. Activated carbon has an almost unlimited ability to absorb chlorophenols, general chlorine compounds and free chlorine. It also has the characteristics of removing other organic tastes from water. This absorption ability is due to chemical make up and to its extremely large surface area, approx. 700sq/mtrs per gramme. Water is purified and polished when it passes through the carbon.