aquatreatment
Suppliers & manufacturers of water treatment equipment

Iron & Manganese.

Iron and manganese compounds are very common in rocks and soil. These compounds are easily leached into the water supply after coming into contact with ground water, particularly acidic water. Iron and manganese are well known for depositing red, orange and/or black stains on plumbing fixtures, laundry, and anything the water touches. These water constituents are measured by quality water testing and quantified in Parts per Million (ppm) or milligrams per Litre (mg/l). Serious damage to the entire water system may result if these compounds exceed the maximum contamination limit. The limit for iron is 0.2mg/l and for manganese, 0.05mg/l

Solution

IRON FILTERS

Even at extremely low levels (above 0.2mg/ltr) iron can cause severe problems, staining and colouring virtually everything that it comes into contact with. It may also cause corrosion to steel boilers and pipe work leading to leaks and expensive repair.

Iron can be removed effectively from water by several means. The solution to the problem depends entirely on the levels of iron present in the source/supply. To determine the best solution to the problem a water analysis is required. Chemical filters can be used to oxidise the water, or an aeration tank can be placed on site. This will oxidise the water naturally. This can then be removed using a birm filter. This filter backwashes automatically and does not require chemicals.

Chemical Iron filters are normally effective up to 5mg/ltr. For levels above 5mg/ltr contact us directly by **email** or phone.

Iron Filter
54" High
Suitable for Garage
or Pump House

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