

***FBC and Terrenew, LLC, partner to offer new
Heavy Metal Removal Technology !***

The MAG water processing unit is now adaptable for the removal of heavy metal pollutants. Using a variety of patented treated tree bark medias (lignocellulosic) developed by Terrenew, LLC, in conjunction with Cornell University, it is possible to quickly remove 2 to 4% of heavy metal contaminants per media charge, simply by circulating polluted water through the treatment unit. In situations where you are dealing with a combination of hazardous and conventional pollutants (CBOD or ammonia), the MAG system can also be charged with a partial load of fixed-film media, and aerated for removal of pollutants amenable to biological treatment.



This new technology is available to remove heavy metals with a particulate size as large, or larger than cobalt or nickel. Media is available to also remove Chromium, Lead, Iron and Copper. Elements up to and including radioactive materials are also amenable to removal.

The MAG unit is equipped with a 2" inlet at the bottom of the unit - the unit drains from a 3" out screened outlet at the top of the tank. As many units can be installed as necessary to achieve your effluent objectives !

Dimensions: 7' High x 8' W x 7.5' L
Weight, Dry: approx. 4,000 lbs.
Materials: Mild Steel, Epoxy Coated
Media Bed Volume: 300 cubic feet
Estimated Flow Rate: 10 - 50 GPM

Call to arrange for analysis of your contaminated water. Based on benchtop tests, we can determine a suitable media along with estimated process requirements to accomplish your removal goals.