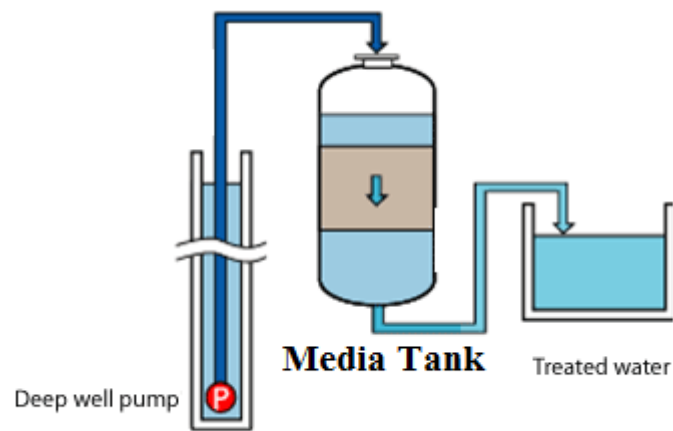


GANESH ENVIRO's SOLUTION FOR IRON, ARSENIC & MANGANESE REMOVAL

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GESPL Engineers developed an innovative system to remove Iron, Manganese and Arsenic present in the water. This stand alone system improves the overall water quality. This system is based on the dark brown or blackish media which helps to increase the oxidation processes. At the same time there is no regeneration required as the media remains intact and never gets consumed during the reaction processes. The media used in the processes is black or brown in color and ensures that the proper oxidation happens and at the same time the media should not get consumed.

Iron Removal Processes :

Iron Properties

Iron, even in small quantities, can be one of the most troublesome elements found in water. As little as 0.3 mg/liters of iron can cause staining of fixtures, sinks, flooring, and also most anything else it comes into contact with. Concentrations below 0.3 ppm can still have profound adverse effects in manufacturing processes. Iron affects the tastes of foods and beverages, can contribute to the block-age of pipes, and can cause many other unwanted problems. Since it has so many undesirable properties, iron removal is an important phase of water treatment.



Iron oxide adsorption is a water treatment process that is used to remove arsenic from drinking water. Arsenic is a common natural contaminant of well water and is highly carcinogenic. Iron oxide adsorption treatment for arsenic in groundwater is a commonly practiced removal process which involves the chemical treatment of arsenic species such that they adsorb onto iron oxides and create larger particles that may be filtered out of the water stream.

Contact us for your valued enquiries:

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GANESH ENVIRO'S SOLUTION FOR FLUORIDE REMOVAL

Fluoride in excess in drinking water is very hazardous. In india the permissible limit is 1.5 mg/litr. The excess Fluoride in drinking water causes several diseases :

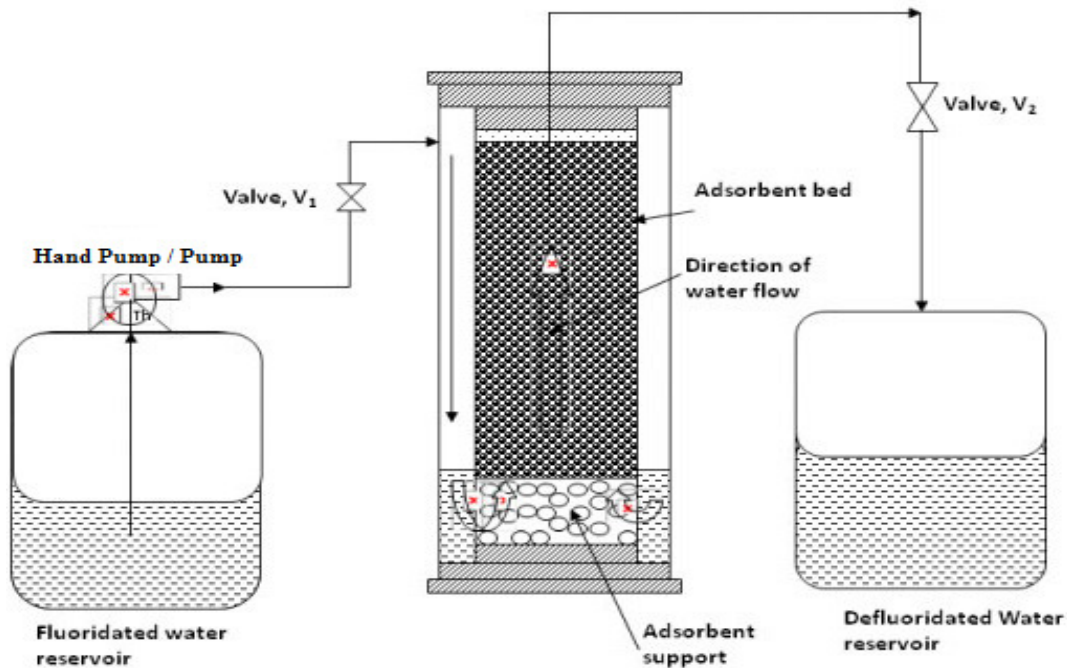
- Fluoride is more toxic than lead.
- Cancer.
- Genetic Damage.
- Spine Rigidity.
- Malshaping Bones
- Arthritic Pain
- Several Physical Problems
- Reduces IQ
- Kidney Injury

GESPL's Electrolysis based DEFLUORIDATION

GESPL has developed the Electrolysis based Defluoridation technology which comprises a reactor having anode and cathode followed by a sedimentation process chamber where the sludge is collected and spread over a sludge drying bed.

GESPL's Media based DEFLUORIDATION

GESPL has developed a porous natured great adsorbent media which is insoluble in water and can sustain high temperature. This media can remove almost 90% Fluoride.



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