

## **DIFFERENT SOURCES OF WATER CONTAMINATION AND VARIOUS REMEDIAL METHODOLOGIES**

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### **Abstract**

The natural geological and geochemical environment in addition to anthropogenic sources aid in providing beneficial mineral content and bio-essential elements to groundwater and give rise to undesirable or toxic properties through deficiency, excess of various elements. In this paper, an attempt is made to explain briefly the various sources of water contamination and different water treatment methodologies for the removal of various toxic constituents from different sources. Further, a brief description regarding sample collection procedure and guideline values recommended by various national and international agencies had also been furnished. Finally, some details regarding the effect of chemicals in the environment on human health have also been provided.

*Keywords:* Water contamination, Toxic constituents, Remedial methods, Health.