



**Analysis of Heavy Metals in the Vicinity of Waltair Sea Coast,
Visakhapatnam Dt. (A.P.)**

A.V.L.N.S.H.Hariharan*, D.Murali Krishna

*Department of Chemistry, GITAM Institute of Technology,
GITAM UNIVERSITY, Visakhapatnam – 530 045. INDIA

E-mail: ahharan@rediffmail.com

ABSTRACT

Water pollution is caused by industries as well as other activities etc. Heavy metals such as lead, mercury, arsenic, aluminum, copper, chromium and antimony deteriorate water quality to a large extent. This paper deals with the analysis of heavy metals- Cr, Na, Fe, Mn and Pb in well and bore well waters for a period of 6 months from eight sampling stations in the vicinity of Waltair Sea Coast, Visakhapatnam Dt.(A.P.) The estimated metal levels in the water samples were compared with those limits laid down by WHO standards. It was found that concentration of some metals such as Fe, Na and Cr above the permissible levels in some areas probably due to contamination with impurities.

Keywords: Heavy metals –Pollution- Waltair sea coast -Visakhapatnam Dt.
