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## **HEAVY METAL DETERMINATION IN DIFFERENT TYPES OF SEWAGE SLUDGE BY FAAS**

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### **Abstract**

Original investigations about concentrations of Cd, Co, Cr, Cu, Fe, Mn, Ni, Pb and Zn in five types of sewage sludge from Constanta Sud wastewater treatment plant are reported. Total metal analyses were carried out by flame atomic absorption spectrometry (FAAS) after the appropriate solubilization of the sludge with nitric acid and hydrogen peroxide. In general, heavy metal levels in all investigated types of sludge are not higher than the "attention limit" for soil pollution and they can be used for soil improvement.

*Keywords:* heavy metals, sewage sludge, FAAS

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