DETERMINATION OF HEAVY METALS IN THE "ExtraColors" PAINT FACTORY

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ABSTRACT

Earth is one of the major reservoirs of various pollutants, while on the other hand it is one of the most important constituent parts of the environment, so it is an unrepeatable natural resource and performs some important functions for life, over 90 % of agricultural products are taken from the land. Meaning of polluted soil shows that soil is accumulated polluting matter, which adversely affects the environment. Environmental pollution and, in particular, the heavy metal surface area is present in many industrial and mining areas all over the world, including our country. As a result of rising population, the need for vital consumption has increased considerably, as well as industrial production. As a polluting industry, it can be considered the color-producing industry as well. Such an industry is located in the town of Vushtrri, the "ExtraColors" color plant, which is considered a factor affecting soil contamination (the environment in general). The purpose of this study is to assess the state of the environment and the soil in the color plant "ExtraColors" factory and its near surrounding, nearby village trying to estimate the impact that the plant's products have had on environmental pollution (soil, grass and vegetation, as well as in the water resources of the area) as a result of the release of heavy metals from the raw materials used by this plant.

Keywords: Earth, contamination, heavy metals, analysis, industry, colors.