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## **Environmental Danger of Eliminated Coal Mining Waste**

High rates of extraction of solid minerals lead to large-scale changes in the state of the environment. Particular dangers to ecosystems constitute waste mining companies that occupy large areas and pose a real threat to living organisms. It should be noted that the negative consequences of their influence are not only transforming the components of ecological systems, but also in a general toxic effect on living systems, which leads to increased morbidity.

Waste coal industry in most cases represents large-scale man-made sources of negative impacts on the environment. At the same time a significant impact on the environment is applied not only directly in the process of coal mining, but for many years after its completion. When closing the mines remain unresolved issues of further treatment of waste dumps. At present, in the process of closing mines is 121 coal mining venture in which the blade is 341 breed, about 105 of them - are burning heaps. Abandoned mine waste dumps give rise to the following environmental issues:

- Runoff from waste heaps, which contain salts of acids, heavy metals , etc.;
- Removal of large areas of fertile land;
- Pollution of the environment of solid and gaseous harmful substances;
- The deterioration of the living conditions of the population in the coal regions.

Elimination mechanism (conservation) the mining industry from an environmental point of view requires a radical improvement. Lack of safe field development strategy, as well as the procedure of liquidation of mining enterprises, which would take into account the interests of the population and the preservation of the environment, the environmental situation has formed a crisis in the mining regions. Analysis of information on environmental hazards of man-made contamination of environmental waste mineral processing indicates the possibility of emergency man-made. All the more so for a long time mining companies are not subjected to reconstruction and modernization. Therefore, mining sites, including site location toxic waste mining companies, processing plants and dumps pose the greatest environmental risk. It is still not enough systematic statistical information on the sources of negative impacts, there is no system of comparative characteristics of mining companies in terms of environmental hazards and the system of environmental risk assessment and management.

Solving the problem of waste management of coal mining enterprises requires the establishment of scientific bases and improving environmental protection areas of their placement, which will assess the real environmental threat from man-made objects and components of waste, to anticipate changes in the environment, as well as suggest ways to ecologically safe operation of coal mining enterprises.