

## The assessment of the level of pollution of slime pits with heavy metals

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While simple to operate the oil fields placed on the oil-gas territories of the country, industrial and ecological safety concerning the oil-gas refining and the utilization of the drilling waste are of great importance. Some drilling waste consist of rich in oil and petroleum derivatives and distinguished in composition, toxicity of the material and chemical reagents, using for the intensification of the operation of the oil rate, and slime pits where the operation waste are placed. Slime pits damage vast land and in case of disturbing the water proofing may cause the pollution of the environment [1].

Researches of the pollution of slime pits with heavy metals and their analysis were made on testing the samples of the spoil by dumping of the deposit.

While analyzing the researches were defined the proportion of the heavy metals, chlorides and the number of components, their pH and conductivity in slime samples of different depth, it allowed to indicate the non-uniformity of spreading the polluting materials and elements. Final results give the opportunity to have the full analysis of the situation with the aim of researching more optimal technique in conservation and detoxication of slime pits [2, 3].

### References

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