Tailings Safety and Related Needs and Challenges in Kyrgyzstan
General information

According to the existing State Cadastre of Mining Industry Wastes of the Kyrgyz Republic (2006), 92 facilities with toxic and radioactive mining waste are located on the territory of the republic. Currently, 60 facilities are located in the Ministry of Emergencies of the Kyrgyz Republic, including 33 tailings and 27 dumps, with a total volume of waste of 12.27 million m³ (6.57 million m³-radioactive, 5.7 million m³-toxic).

Mailuu-Suu city, Jalal-Abad region –
high radioactive
23 - tailings, 13 - dumps, abandoned mines, mines, factories, combines, landfill.
1946-1968
Volume - 3.1 million m³

p. Min-Kush, Jumgal district, Naryn region -
high radioactive
4 - tailings,
4 - dumps, workshops, ore depots, mines. 1955-1969
Volume - 2.0 million m³

Kadzhi-Sai
Ton district, Issyk-Kul region -
high radioactive
1 - tailing dumps, dumps, mines, plant. 1949-1967
Volume - 0.4 million m³

Shekaftar,
Chatkal district, Jalal-Abad region - medium radioactive
8 - mountain dumps, mines
1946-1967
Volume - 0.7 million m³

Sumsar
Chatkal district, Jalal-Abad region - high toxic
3 - tailings
1947-1967
Volume - 4.1 million m³

Kan (Sovetsky), Kadamzhaysky district, Batken region - medium toxic
2 - tailings
1954-1965
Volume - 1.6 million m³

Tuya-Muyun,
Nookat district, Osh oblast - medium radioactive
1 dump
1946-1967
Volume - 0.7 million m³

Kyzyl-Zhar
Jalal-Abad Oblast - medium radioactive
1 dump
1944-1966
Volume - 37.0 thousand m³

The remaining 32 tailings and dumps are on the balance of business entities - the total volume is 190.57 million tons, an area of 32,559.04 thousand m³.
Conducting preventive ERW at facilities

Status of the drainage channel at tailing pond No. 2 before work

Condition of the dam at tailing pond No. 4 prior to commencement of work

Channel status after work

Condition after work
Conducting radioecological monitoring of sites

Acceptance of new facilities
Mountain dump in Kyzyl-Dzhar, mountain dump Tuya-Moyun
The international cooperation

Within the CIS:

CIS Interstate Target Program “Reclamation of territories of states affected by uranium mining”. Dates of implementation (2013 - 2023)

European Union Projects:

"Comprehensive Environmental Impact Assessment (EIA) and the Feasibility Study (FS) for the management and restoration of uranium burial sites in the settlement of Min-Kush and the settlement of Shekaftar." The project was completed in March 2017.

The project "Conducting a comprehensive environmental impact assessment (EIA) and a feasibility study (FS) for the management and rehabilitation of the former uranium complex Mailuu-Suu". Currently being implemented.