



Department for Tailings Dump Management under the Ministry for the Emergency Situations of the Kyrgyz Republic

Implementation of the second stage of the Interstate Target Program “Reclamation of territories of States exposed to uranium mining industries” in the Kyrgyz Republic
(in the locality of Min-Kush, Naryn oblast)

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Карта расположения урановых и токсичных хвостохранилищ на территории Кыргызской Республики



Reference data on objects administered by the Ministry for the Emergency Situations of the Kyrgyz Republic

Currently, the Ministry for the Emergency Situations of the Kyrgyz Republic manages 60 facilities, including 33 tailings dumps and 27 mining dumps, with a total waste volume of 11.54 million m³ (5.84 million m³ - radioactive, 5.7 million m³ - toxic):

- 23 tailings dumps and 13 mining dumps in the city of Mailuu-Suu (radioactive, 3.1 million m³);
- 1 tailings dump in settlement Kaji-Sai (radioactive, 0.4 million m³);
- 3 tailings dumps in settlement Sumsar (toxic, 4.1 million m³);
- 2 tailings dumps in settlement Kan (Sovetskoye) (toxic, 1.6 million m³);
- 4 tailings dumps and 4 mining dumps in settlement Min-Kush (radioactive, 2.0 million m³);
- 8 mining dumps in settlement Shekaftar (radioactive, 0.3 million m³), 6 of them are transferred into safe location;
- 1 mining dump in settlement Kyzyl-Zhar No. 12, in the city of Tash-Kumyr (radioactive, 37.0 thous. m³);
- 1 mining dump in settlement Tuya-Moyun (radioactive, 3.0 thous. m³).

The Interstate Target Program “Reclamation of territories of States exposed to uranium mining industries”

Within the framework of the CIS (formerly EurAsEC), in 2013, the implementation of the Interstate Target Program “Reclamation of territories of States exposed to uranium mining industries” (hereinafter referred to as the Program) was launched.

The implementation period is 2013-2023 (According to the Decision of the CIS Council of State Leaders dated October 28, 2016 in Minsk).

The main objectives of the Program are to reduce the risks of emergencies with radioecological consequences in the territories of the Program member states exposed to uranium mining and processing industries, to develop means and techniques of reclamation work, as well as to ensure safe living conditions and social rehabilitation of the population in these regions.

The customer coordinator of the Program is the State Corporation Rosatom (Russian Federation). The customer on the part of the Kyrgyz Republic is the Ministry of Emergency Situations of the Kyrgyz Republic

The Interstate Target Program “Reclamation of territories of States exposed to uranium mining industries”

The Program is implemented in two stages:

At the first stage (2013-2016), priority objects to be rehabilitated were selected; technical solutions for the rehabilitation of selected objects were developed and justified; engineering surveys were carried out and design documentation for the reclamation of objects of the Kyrgyz Republic was developed; positive conclusions of the Kyrgyz and Russian inspection on the developed design documentation were obtained.

At the second stage (2017-2023), construction and installation works are being carried out to reclaim selected radiation-hazardous facilities located in the Kyrgyz Republic.

Within the framework of the second stage of the Program, the customer coordinator of the Program, Rosatom State Corporation, conducted a procedure (bid) on a competitive basis to determine the General Contractor, following which the Federal State Unitary Enterprise Radioactive Waste Management Enterprise RosRAO was chosen to be the Executor (since 2020, the Federal State Unitary Enterprise Federal Environmental Operator)

Preparatory construction and installation works carried out near the settlement of Min-Kush



Дорога
Арал-Мин-Куш

Дорога
по проекту

Мосты

Граница
посёлка

Граница
хвостохранилища

Площадка инженерно-
технического обеспечения

Completed works at the Tuyuk-Suu tailings dump

Construction of the site for engineering and technical support at the Tuyuk-Suu facility



Construction of a bridge for the removal of radioactive waste from the Tuyuk-Suu facility



Completed works at the Tuyuk-Suu tailings dump

**Construction of a haul road,
1.75 km**



**Construction of a bridge at
the entrance to the
settlement**



Haul road within Min-Kush settlement



Reconstruction (expansion) of the haul road within Min-Kush settlement

Completed works at the Taldy-Bulak tailings dump

Construction of the site for engineering and technical support at the Taldy-Bulak facility



Construction of a bridge for the entrance to the Taldy-Bulak and Dalneye facilities



Completed works at the Dalneye facility:

Construction of the site for engineering and technical support



Construction of a haul road, 2.65 km



Preparation of the tailings basin



Special equipment for transportation of radioactive waste



Meetings with the inhabitants of Min-Kush settlement



- Resolution of the Government of the Kyrgyz Republic No. 60 dated February 13, 2015 On Approval of the Regulations on the Procedure for Environmental Impact Assessment in the Kyrgyz Republic;
- Order of the State Agency for Architecture, Construction and Housing and Communal Services under the Government of the Kyrgyz Republic dated January 24, 2018 No. 12-npa On Approval of the Regulations on Holding Public Hearings of Urban Planning Documentation in the Kyrgyz Republic.

The main permits in the field of radiation safety in accordance with the requirements of the legislation of the Kyrgyz Republic

- **Conditions for the safe transportation of radioactive waste from the Taldy-Bulak tailings dump to the site of the Dalnoye tailings dump**
- **Conditions for the safe transportation of radioactive waste from the Tuyuk-Suu tailings dump to the site of the Dalnoye tailings dump**
- **License of the State Agency for Environmental Protection and Forestry of the Government of the Kyrgyz Republic No. 0148 dated September 02, 2020. Disposal, Storage, Burial, Destruction of Waste of Toxic Materials and Substances, Including Radioactive**
- **License of the State Agency for Environmental Protection and Forestry of the Government of the Kyrgyz Republic No. 0149 dated September 02, 2020. Transportation of Waste from the Production of Radioactive Substances**

Planned results for reclamation works

- **The Tuyuk-Suu and Taldy-Bulak tailings dumps will be liquidated, their territory will be rehabilitated;**
- **The Dalnoye tailings dump will be reclaimed;**
- **The Kak tailings dump will be reclaimed;**
- **These facilities will be brought into a safe condition in accordance with the legislation of the Kyrgyz Republic on radiation safety and the requirements of the IAEA standards.**





**Thank you for your
attention**