

## Case study

### Reclamation project for tailings storage facility №2 at Evrazruda

The project was implemented in several stages. In 2014 the tailing dump was mothballed: the destroyed part of the enclosing dam was restored, a drainage collector, a pumping station and a pipeline for discharging filtration water were built. In the period from 2014 to 2018, the technical stage of reclamation was completed: the pond was drained, the territory of the tailing dump was cleared, the zoning of reclamation surface was carried out, a screen of loam and fertile layer was laid. The last biological stage of reclamation was completed in 2019–2020, during which 21,300 pine seedlings and 43,530 sea buckthorn seedlings were planted.

The reclamation project eliminated dust emissions into the atmosphere, improved the quality of soil on the site. Planted trees and vegetation will transform the disturbed terrain. The total area of reclamation was 30.58 hectares. The total cost of the reclamation project stood around US\$12 million.

## Restoring aquatic biodiversity

GRI 304–3

Our approach to biodiversity includes seeking to preserve the quality of water ecosystems and supporting existing biodiversity. On a regular basis EVRAZ releases various species of fish into affected water bodies, in order to offset any potential impacts on bioresources. In 2020 EVRAZ assets released over 204 thousand fingerlings in Kemerovo region, with Rapsadskaya Coal Company making a substantial contribution.

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### Restoring aquatic biodiversity in the Tom river

Rapsadskaya Coal Company actively participates in measures to restore aquatic biodiversity in local water bodies. In particular, a large-scale campaign was held in 2020 as part of the event “Days of Protection from Environmental Hazards”, during which over 15,000 grayling fingerlings were released into the River Tom. Related expenses totalled US\$3.5 thousand.

Other fingerling releases carried out in 2020 included:

- 19,645 muksun fingerlings into the Ob River (expenses totalled US\$4.1 thousand)
- 55,294 peled fingerlings into the Novosibirsk reservoir in the Altai Territory (US\$12.3 thousand)

## OUTLOOK FOR 2021 AND THE MIDTERM

In 2021 the Group will continue with efforts to mitigate any adverse impacts and to preserve and enhance surrounding environments. In the midterm we plan to review a number of regulatory documents, including the HSE Policy and REACH regulations. EVRAZ will maintain its commitment to implementing measures under the Clean Air national project.

EVRAZ will also continue to implement its Air Emission reduction programme, which includes the following key projects:

### EVRAZ ZSMK:

- Coke gas cooling system upgrade. 2021 objective: complete the design stage.
- Off Gas Desulphurisation Installation. 2021 objective: complete the design stage (in progress since 2019).

### EVRAZ NTMK:

- Coke gas redirected to by-product recovery plant № 3. 2021 objective: continue the project (to be completed by 2022).
- Off-gas cleaning units efficiency upgrade. 2021 objective: continue the project (to be completed by 2024).

- Decommissioning of the cooling tower for coke oven gas. 2021 objective: continue the project (to be completed by 2022).

### EVRAZ Vanady-Tula:

- Kiln off-gas system upgrade. 2021 objective: complete the project.

Water management programmes launched in previous periods will continue, including at EVRAZ ZSMK, EVRAZ NTMK, Rapsadskaya, and EVRAZ Vanady-Tula. The construction of treatment facilities at Rapsadskaya Coal Company will also continue in 2021.