



# On-site training

on the assessment of the safety of tailing dumps  
Penjikent, Tajikistan

(2-4 June 2021)



## Results of the assessment using the TMF Checklist: Detailed visual inspection



**Groups 1 and 2**

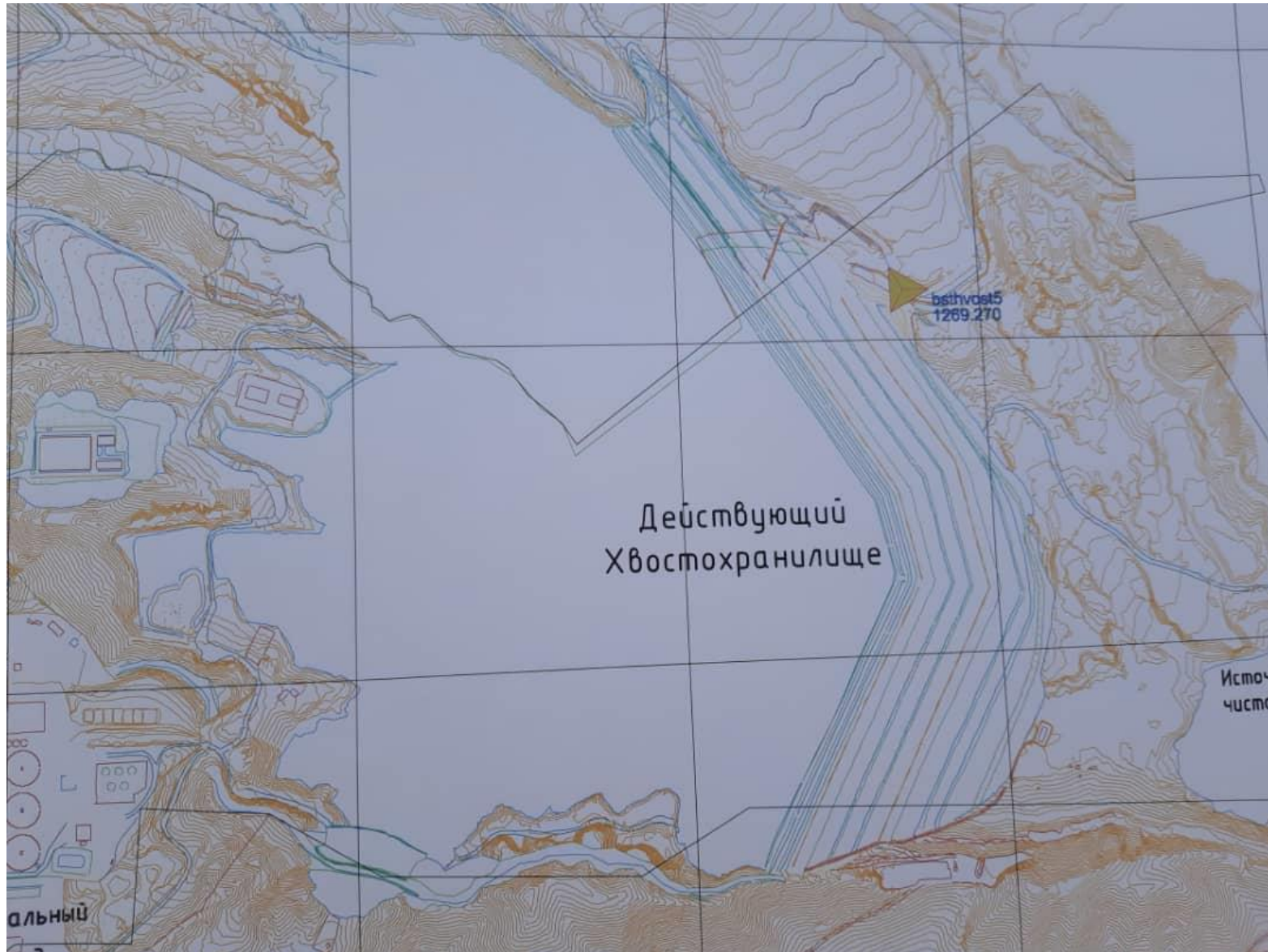
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Kosumbekov**

**Consultant Dmitry Rudakov**



Schweizerische Eidgenossenschaft  
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Confederaziun svizra

## Route to visit the tailings storage facility



# Visual inspection of the tailings storage elements







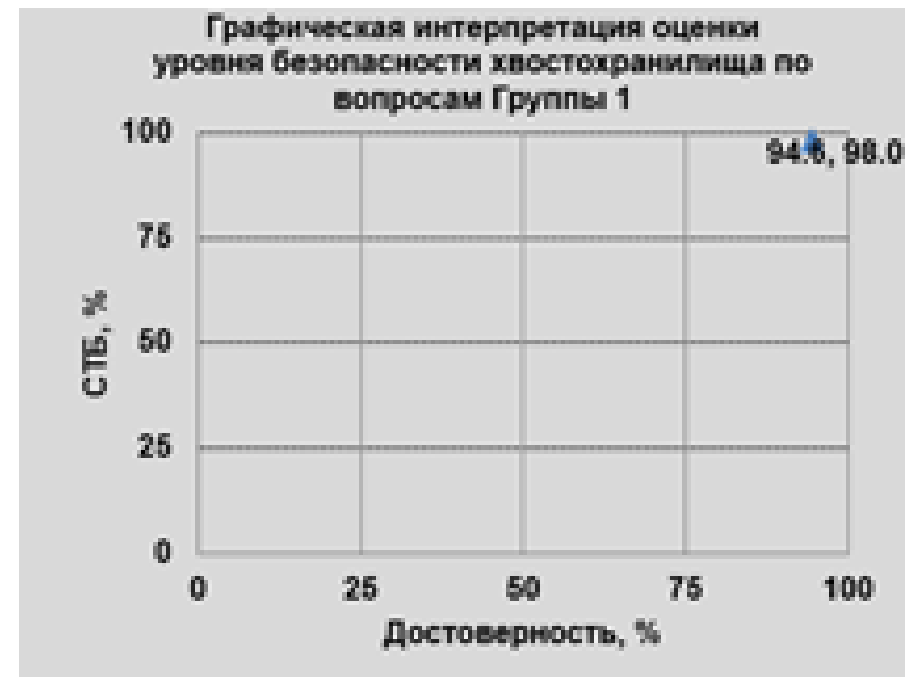
# Overall rating



## CONCLUSION ON THE OVERALL ASSESSMENT

The safety level of the tailing dump is

**acceptable**



# Checklist questions with positive answers

Does the location of the pipeline system and the tail material release points comply with the permitted operating procedures?

Most likely yes

Are meteorological indicators recorded daily for the tailings storage area?

More likely not

# Categorical assessment



## Categorical assessment

Categories	Сокращение	СТБ, %
Environmental impact assessment and land-use planning	ОВОС-ПЗ	100.0
Emergency/emergency response planning	ПЛАС	100.0
Project documentation and issuance of permits	ПДР	93.8
Construction of dams and control of the tailings storage facility	ВДХ	100.0
Water flow management	УВП	100.0
Transport and infrastructure	ТРИ	100.0
Monitoring of infrastructure elements and changes	МЭИ	75.0
Monitoring of environmental elements	МОС	100.0

# Recommended security measures from the Event Catalog

<b>11A. Update or prepare documentation on the location and laying of pipelines</b>	<b>Short-term</b>
<b>19G. Check that the pressure pipes are not laid on the surface of the embankment.</b>	<b>Short-term</b>
<b>19I. Check that all vulnerable pipelines are equipped with devices to detect unwanted leaks and discharges.</b>	<b>Short-term</b>
<b>23D. Analyze the technical condition of the monitoring network</b>	<b>Short-term</b>
<b>23C. Check the compliance of the control points with the project documentation</b>	<b>Short-term</b>



Спасибо за внимание! Thank you for your attention!