

Second meeting of the Working Group on Tailings Safety and Prevention of Accidental Water Pollution in Kazakhstan

15 March 2023

ParkInn by Radisson hotel, Saryarka Avenue 8, Astana

Draft Agenda

Moderator: Mr Musa Tanabaev, Deputy Chairman of the Industrial Safety Committee of the Ministry of Emergency Situations of the Republic of Kazakhstan

Opening session

9:30 – 9:50

Welcome speeches

Mr Mereke Pshembaev, Vice Minister for Emergency Situations of the Republic of Kazakhstan

Mr Dosbol Bekmaganbetov, Vice Minister of Ecology and Natural Resources of the Republic of Kazakhstan

Ms Sarangoo Radnaaragchaa, Regional Adviser on Environment, UNECE

Mr Yerlen Badykhan, National Economy and Environment Officer, OSCE

Adoption of the agenda

Session 1. Review of progress in the implementation of the work plan of the Working Group on Tailings Safety and Prevention of Accidental Water Pollution in Kazakhstan

9:50 – 10:05

Progress achieved and further steps towards the implementation of the work plan of the Working Group on Tailings Safety and Prevention of Accidental Water Pollution in Kazakhstan

Mr Yerkin Duisenbaev, Chief Expert of the Department of State Supervision in the Mining and Metallurgical Industry of the Industrial Safety Committee of the Ministry of Emergency Situations of the Republic of Kazakhstan

10:05 – 10:20

Analysis of national legislation of the Republic of Kazakhstan for harmonization with the requirements of the UNECE Industrial Accidents Convention

Ms Ksenia Nechunaeva, Environmental Affairs Consultant, Industrial Accidents Convention, UNECE`

10:20 – 10:40

Q&A, discussion

10:40 – 11:00

Coffee break

Session 2. On current issues and necessary measures taken in the field of tailings safety and prevention of accidental water pollution

11:00-11:15

On current problems in the field of tailings management and prevention of water pollution in Kazakhstan and the necessary measures (recent accidents, lessons learned and challenges, what issues Kazakhstan faces, what are initiatives, what is going, has any significant changes happened, what is planned)

Head of the Department of State Supervision in the Mining and Metallurgical Industry of the Committee for Industrial Safety of the Ministry of Emergency Situations of the Republic of Kazakhstan (to be confirmed)

Mr Yermek Umarov, Deputy Chairman of the Committee for Environmental Regulation and Control of the Ministry Ecology and Natural Resources of the Republic of Kazakhstan

11:15-11:30 **Recent accidents, lessons learned and challenges**
Mr Oleg Vilchik, Geotechnical Engineer, KAZ Minerals or Mr Trent Collins Head of Dams and Tailings Storage Facilities, KAZ Minerals (5 mins)
Mr David Guid, Director of Tailings, "ArcelorMittal Temirtau" JSC (5 mins)

Representative from operators

11:30-11:45 **Risk assessment and Strategy for Development of Cooperation of Countries of Central Asia in Disaster Risk Reduction for 2022 -2030, with a focus on Kazakhstan**
Mr Meimanbek Tekerbayev, Deputy Director of the Center for Emergency Situations and Disaster Risk Reduction (CESDRR)

11:45-12:00 **Q&A, discussion**

12:00-14:00 **Lunch break**

Session 3. Regional projects on tailings safety and prevention of accidental water pollution

14:00-14:15 **UNECE's Projects and instruments on strengthening tailings safety and the prevention of accidental water pollution**
Ms Claudia Kamke, Environmental Affairs Officer, Industrial Accidents Convention, UNECE
Ms Ksenia Nechunaeva, Environmental Affairs Consultant, Industrial Accidents Convention, UNECE

14:15-14:20 **Q&A**

14:20-14:35 **Updates to the inventory and mapping of TMFs in Kazakhstan**
Ms Olexandra Riedl, UNECE Consultant

14:35-14:50 **Development of Joint Measures to Prevent and Respond to Pollution of the Syr Darya River in Emergency Situations (Phase I): Recommendations, TMFs inventory and mapping**
Mr Yerbol Yelekeyev, Head of the Occupational Health and Safety Sector of Samruk-Kazyna JSC
Mr Dmitriy Rudakov, UNECE Consultant

Background information:

- *Advanced final draft of the study on pollution sources and identification of accident risks in Syr Darya River Basin*

14:50 –15:10 **Statements and questions from national authorities, operators and other participants**
Participants will be invited to share their views on how to implement the recommendations of the regional projects, as well as to talk about the needs/gaps in the field of tailings safety and prevention of accidental water pollution.

15:10-15:25	<p>Discussion of follow-up activities of the Working Group on recommendations and project results</p> <p><i>Mr Yerkin Duisenbaev, Chief Expert of the Department of State Supervision in the Mining and Metallurgical Industry of the Committee for Industrial Safety of the Ministry of Emergency Situations of the Republic of Kazakhstan</i></p> <p><i>Mr Akzan Shiranov, Director of the Department of Environmental Policy and Sustainable Development of the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan</i></p>
15:25-15:45	Coffee break
Session 4. Innovative approaches and initiatives in the safe management of mine tailings	
15:45-16:00	<p>Lessons learned from the implementation of nature-based solutions to TMF pollution in Kazakhstan</p> <p><i>Mr Brendan Duprey, Director of the Sustainable Kazakhstan Research Institute, Associate Professor on Sustainable Development at the Narxoz University</i></p>
16:00-16:15	<p>Space-based risk assessments and monitoring</p> <p><i>Mr Reijo Pold, Founder of the Value Space</i></p>
16:15– 16:30	<p>Updated Bulletin on Tailings Design Principles</p> <p><i>Mr Andy Small, Senior Staff Consultant, Klohn, Crippen Berger, International Commission on Large Dams)</i></p> <p><i>Ms Annika Bjelkevik, TCS - Tailings Consultants Scandinavia AB, International Commission on Large Dams</i></p>
16:30-16:45	Q&A, discussion
Session 5: Wrap up and discussion of next steps	
16:45-17:00	<p>Adoption of the draft work plan of the Working Group for 2023</p> <p>Wrap-up and discussion of next steps</p> <p><i>Mr Musa Tanabaev, Deputy Chairman of the Industrial Safety Committee of the Ministry of Emergency Situations of the Republic of Kazakhstan</i></p> <p><i>Mr Akzan Shiranov, Director of the Department of Environmental Policy and Sustainable Development of the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan</i></p> <p><i>Ms Sarangoo Radnaaragchaa, Regional Adviser on Environment, UNECE</i></p>