

## Acid rock drainage management

### Corporate standard

This document is a part of Polymetal's Environmental Management System (EMS) and developed for the purpose for acid rock drainage management.

While mining, there are processes which impact environment, such as metals leaching and acid rock drainage. While mining, the natural destruction of materials can differ significantly in line with change of environment. This leads to the release of metals and salts, which can have a negative impact on the quality of surface and ground waters

The Company focuses on acid rock drainage management and prevents the release of ARD to water bodies.

The Company continuously monitors discharge water quality as well as local water bodies.

At all stages of mine life from exploration to operation and closure the Company conducts analysis and risk assessments related to acid rock drainage.

All operations where ARD can potentially occur, should develop ADR management plan, which includes ARD collection, discharge and treatment.

Before discharged into water bodies, acidic waste water is neutralized (to the level of pH 7-8) using alkalinizing reagents, and post-treated at water treatment facilities by using the best available technologies.