



Our Solutions
for the Mining Industry





MODERN SYSTEMS AND SOLUTIONS FOR CLEAN WATER

Our Solutions

- Mining and mine processing facilities face different water treatment challenges throughout the whole life cycle of operations.
- Those also involve strict discharge limits imposed by the regulators, which bring along a need for innovative and efficient treatment solutions.
- Typical mining wastewater will have oil by-products, high turbidity and suspended solids in addition to other contaminants.
- Treatment processes may include oil & grease removal, anaerobic and aerobic processes, chemical addition and membrane filtration including Ultrafiltration (UF), Nanofiltration (NF) and Reverse Osmosis (RO).
- Oil & grease removal can be achieved by induced air floatation, API Separators, CPI separators or Dissolved Air Floatation-Flocculation units (DAF) and oil skimmers.
- Treatment of waste water through anaerobic and aerobic processes can include technologies such as Upflow Anaerobic Sludge Blanket (UASB), MBR, SBR, clarifiers and chemical addition.

Our Experience

- The company's experience combined with the cooperation with academic institutions and consulting partners gives us the capability to solve issues relating to even most complex types of mining water and wastewater.
- We offer products particularly suited for mining industry problems.
- We cooperate with vendors which supply components specific to mining industry problems.
- Our staff's experience in this industry provides us with an extensive track record of successful projects.

Services Offered

- Treatability studies
- Pilot studies
- Design and construction of systems, system installation, commissioning, follow up services and operations
- Training of operators and technical staff
- Build, Own, Operate schemes ("BOO")
- Consulting services
- Client-tailored research & development services