



The MEND Monitor

New! MEND Publications

MEND Report 1.61.4 – Covers for Reactive Tailings Located in Permafrost Regions Review

The report provides an introduction to permafrost issues and focuses on applications of covers constructed over reactive tailings in Canadian permafrost regions. Case histories for Nanisivik, Raglan, Lupin and Rankin Inlet are examined. These represent sites with different tailings operations, cover design approaches and physical and climate conditions. The report is now available in hard copy.

MEND Report 2.21.4 – Design, Construction and Performance Monitoring of Cover Systems for Waste Rock and Tailings



The manual incorporates and integrates the best available technology for the design and construction of cover systems over mine wastes. Control concepts behind the design and

construction of cover systems are explained and illustrated, and the types of activities that are required in the design process are described. The manual includes a Summary volume and four supporting technical documents: Theory and Background; Site Characterization and Numerical Analyses of Cover Performance; Field Performance Monitoring, Sustainable Performance of Cover Systems; and Case Studies. The report is now available in both CD-ROM and hard copy.

European Partner Joins Global Alliance

In 2003, the International Network for Acid Prevention (INAP) established an international partnership amongst regional organizations involved in acidic drainage. Groups from Australia, Canada and the United States are members of the Global Alliance. This alliance was recently expanded at the "Mine Water 2004" conference in Newcastle Upon Tyne (UK) with the addition of a European partner PADRE (Partnership for Acidic Drainage Remediation in Europe). The Global Alliance will continue its efforts to achieve significant improvements in the way acidic drainage issues are understood and managed.



Upcoming Events

Symposium 2005 on Mines and the Environment

The symposium will be held May 15 to 18, 2005 in Rouyn-Noranda, and will include two days of technical presentations, workshops and field trips. Technical papers will focus on: tailings, backfill, waste rock, contaminated water, toxicity/bioavailability, restoration and regulations. The event is organized by UQAT (Université du Québec en Abitibi-Témiscamingue) in collaboration with The Canadian Institute of Mining, Metallurgy and Petroleum (CIM), le Ministère des Ressources naturelles du Québec and MEND. Technical sessions will have simultaneous translation. Information is available from the CIM web site at www.cim.org

7th ICARD (International Conference on Acid Rock Drainage)

ICARD is a major event on acidic drainage that is held every three years and brings together the mining industry, consultants, researchers and regulators from all continents. The Seventh ICARD is being held in St. Louis, Missouri in conjunction with the SME Annual Meeting on March 27-30, 2006. Information on the conference can be found at: www.smenet.org/meetings/AnnualMeeting2006/Author/icard.cfm

Other Information

Aquatic Effects Technology Evaluation (AETE) Program

AETE (1994-1999), with the support of The Mining Association of Canada and CANMET-MMSL, undertook a review of appropriate technologies for assessing the impacts of mine effluents on the aquatic environment. Program areas were: acute and chronic toxicity testing, biological monitoring in receiving waters, and water and sediment monitoring. The list of reports is posted on the AETE web site at www.nrcan.gc.ca/mms/canmet-mtb/mms-lmsm/enviro/metals/aete.htm. Electronic copies of most of the reports can be downloaded from the website. Hard copies of the reports are still available, free of charge, by contacting Jennifer Beyak at jbeyak@nrcan.gc.ca, or the MEND Secretariat.



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