



The MEND Monitor

New! Publications

MEND Report 10.1.1 - A Review of Environmental Management Criteria for Selenium and Molybdenum. This review addresses the gaps for *aquatic* and *terrestrial* toxicity issues related to molybdenum (Mo) and selenium (Se). General characteristics of Se and Mo, including typical source characteristics, environmental fate and transport, key toxicity effects, select strategies for remediation of soil with plants, and reported thresholds for animals of interest were examined. The information was integrated with mine-related release scenarios for locations with differing geology in Canada. The report recommends site-specific processes for identifying and managing environmental risks associated with releases of Se and Mo to the aquatic environment. The report is available from MEND for \$35 CDN, plus taxes. *Contractor: EcoMetrix*

MEND Report 2.21.5 - Macro-scale Cover Design and Performance Monitoring Manual.

The manual introduces design and monitoring guidelines for mine waste soil cover systems on a macro-scale, and discusses challenges that arise due to increased size and complexity as compared to evaluating cover systems on a micro-scale. Background, general guidelines and evolution for landform design are presented, which also largely apply for cover systems on a macro-scale. Challenges and lessons learned in tracking cover system evolution and long-term field performance are illustrated. A number of methods and associated instrumentation for macro-scale monitoring are detailed in the manual and appendix. The report is available from MEND for \$35 CDN, plus taxes. *Contractor: O'Kane Consultants.*

14th BC MEND ML/ARD Workshop Proceedings

The workshop was held November 28-29, 2007 in Vancouver. The focus of the presentations was on the *challenges in collection and treatment of mine drainage*. CD-ROM of the Proceedings can be ordered at: www.bitech.ca or books@bitech.ca

News

International Roundtable on the Restoration on Mining Legacy Sites. The World Conservation Union (IUCN), the International Council on Mining and Metals (ICMM) and the Post-Mining Alliance (Eden Project) hosted the Roundtable in Toronto on March 2-3, 2008. This roundtable is a component of the IUCN-ICMM Dialogue on Biodiversity and Mining. Prior to the roundtable, the Post-Mining Alliance, completed an international survey on the challenges surrounding mining legacies and prepared a discussion paper based on over 100 responses. Both of these documents will be available soon from www.postmining.org. The objective of the roundtable was to identify the next steps and recommendations to address issues and challenges related to legacy mines, specifically concerning funding and finance, legislation, partnership, and knowledge sharing. Forty-eight people from 13 countries attended the roundtable, with MEND represented by Elizabeth Gardiner, Maxine Wiber and Gilles Tremblay. Delegates were impressed by the amount of work completed in Canada on orphaned and abandoned mines. The main recommendation was that the initiative needs an international champion to compile the information and move the issues forward.

Upcoming Events

MEND – Manitoba Workshop. June 4-5, 2008. Winnipeg, MB. Theme: *Challenges in Acidic Drainage for Operating, Closed or Abandoned Mines.*

32nd BC-TRCR Reclamation Symposium. September 15-18, 2008. Kamloops, BC. Visit www.trcr.bc.ca for additional information.

Symposium 2008 on Mines and the Environment. November 2-5, 2008, Rouyn-Noranda, QC. Information: www.cim.org

15th BC MEND ARD/ML Workshop. December 3-4, 2008. Vancouver, BC. The theme for this year's workshop is *Tailings Management*.

8th ICARD/Securing the Future. June 22-26, 2009. Skellefteå, Sweden.

To obtain information on MEND or its publications, please visit the web site at: <http://mend.nrcan.gc.ca> or send an e-mail to: mend_nedem@nrcan.gc.ca

