

F.1. MEND 2000

by
Gilles Tremblay
MEND 2000, CANMET

MEND 2000

MEND 2000 Summary

- 1999 is year 2 of a 3-year program
- Emphasis on technology transfer
 - Four workshops held
 - Internet site redesigned and continually updated
 - Major effort on preparing Canadian case studies for the Internet site
 - Good progress on MEND Manual
 - Conversion of MEND reports and 4th ICARD proceedings to CD-ROM format started

MEND 2000 - Objectives

- Technology transfer of acidic drainage projects
- Monitoring and reporting of large-scale field tests
 - Louvicourt, LTA, Quirke Lake
- Maintaining linkages for information exchange and consensus building with:
 - Canadian industry and government agencies
 - National programs (INAP/ADTI)

Major Activities for 1999 -1

- Completion of MEND initiated projects and reports
 - 68 reports outstanding in January 1998, 16 identified as MEND 2000 projects
 - 28 remain, 14 in final editing stages
- Over 160 reports and workshop notes available in paper copy
 - 30 reports prepared for CD-ROM, 70 need final check, 50 or more to scan
 - 4th ICARD proceedings being converted to CD-ROM format

Major Activities for 1999 -2

- Case studies, in both official languages, ready to be posted on the Internet site
 - Equity Silver, Solbec, Falconbridge, LTA etc...
- Validation of low-cost technology through long-term monitoring has continued
 - Louvicourt - man-made lake (fresh tailings)
 - Solbec - water cover (oxidized tailings)
 - Les Terrains Aurifères - dry cover
- Presentation of MEND 2000 at a major international conference in Peru by Director, MMSL/CANMET

Major Activities for 1999 -3

- Technology transfer
 - MEND 2000 Internet site
 - MEND Manual - good progress made
 - 4 Workshops in 1999
 - Case Studies - Rouyn-Noranda, April
 - Risk Management - Sudbury '99, September
 - Case Studies - Sudbury '99, September
 - Case Studies - Vancouver, December 1 and 2
 - MEND Video distribution continued

MEND 2000 Results

- Results from flooded sites confirming success of close-out option (e.g. Quirke, Panel, Denison, Solbec)
- Importance of diffusion layer shown in laboratory studies (e.g. Louvicourt, Noranda)
- Tailings as an alternative material for covers is being confirmed as a viable option (e.g. LTA)
- Toolbox expanding with the verification of long-term monitoring of large-scale field tests
- Case studies used to transfer the knowledge gained from technology application

MENDING the WEB

- WWW: <http://mend2000.nrcan.gc.ca>
- Internet site redesigned and updated
- List of available reports/executive summaries/presentations
- List of technologies developed by MEND
- Case Studies ready to be added
- Steering Committee special site redesigned and updated on a regular basis

Proposed Work Plan for 2000 -1

- Continue to develop case studies by technology area on the Internet
 - Background site information, technology used, results and photographs
- Expand the list of technologies to include industry projects on acidic drainage
- Complete the MEND Manual in both official languages
 - MEND Manual - February/March 2000
 - Manuel NEDEM - May/June 2000

Proposed Work Plan for 2000 -2

- Tracking existing key MEND 2000 and other industrial projects
- Conversion of MEND/MEND 2000 reports to CD-ROM to continue
 - CD-ROM to be produced in Fall 2000
- 4th ICARD proceedings to be available on CD-ROM
- Workshops
- MEND 2000 presentations planned for:
 - Fort Collins, Tailings and Mine Waste '00 in January
 - Denver, 5th ICARD in May

Proposed Work Plan for 2000 -3

- Completion of MEND 2000 reports
 - Protocols for soil covers
 - Long-term monitoring projects
 - Louvicourt, Solbec, LTA
- Linkages with a number of foreign national programs maintained (INAP, ADTI)
- Information dissemination via the Internet