

2010

Mines Accident Prevention
Association of Manitoba
(MAPAM)



49TH ANNUAL REPORT



**SAFE
MINING**

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MISSION STATEMENT

“As leaders in the field of mining health and safety, we will work to continuously improve and implement leading edge accident prevention actions/programs while interfacing to positively impact legislation/regulations”.

MAPAM ASSOCIATION EXECUTIVE STAFF

Barrie D. Simoneau
Director of Risk Management

Edward J. Huebert
MAPAM Secretary/Treasurer
MAMI Executive Vice President

Pamela A. Marsden
Director of Communications /
Aboriginal Relations

Purpose

In 1962 the **Mines Accident Prevention Association of Manitoba** (MAPAM) was founded to meet the rising need to provide safety and consulting services to a rapidly expanding mining industry. The Association was incorporated as a not for profit organization with a mandate to promote and carry on the work of accident prevention and workers compensation management for its members.

MAPAM is wholly funded by its members who are assessed semi-annually on the basis of the average number of workers for the six months immediately preceding the assessment period.

Over the past 49 years, MAPAM has been serving the interests of the members of the mining industry and continues to serve. MAPAM's focus has not changed significantly from its original mandate.

2009 - 2010 Membership

Alex MacIntyre & Associates Ltd.

Atomic Energy of Canada Ltd. - URL

Boart Longyear

Cementation Canada Inc.

Crowflight Minerals Ltd.

Cyr Drilling International Ltd.

Dumas Contracting Ltd.

Graymont Western Canada Inc.

Hudson Bay Mining & Smelting Co. Limited

J.S. Redpath Ltd.

Major Drilling Group International Ltd.

Mining Association of Manitoba Inc.

Rodren Drilling Ltd.

San Gold Corporation

Tantalum Mining Corporation of Canada Ltd.

Vale - Manitoba Operations

BOARD OF DIRECTORS & MEMBERS

Mining Sector

Ian J. Cooper (Vice President)

Hudson Bay Mining & Smelting Co. Limited
Flin Flon and Snow Lake

Gregory W. Kuzyk / Dwayne Onagi

Atomic Energy of Canada Ltd. (URL)

Kirk Regular

Vale – Manitoba Operations

Colleen Bugslag

Tantalum Mining Corporation of Canada Limited

John Lockhart

San Gold Corporation

Sirahuen Maldonado / Cory Nickel

Graymont Western Canada Incorporated

Steve Davies / Joe Dobbin

Crowflight Minerals Incorporated

Mine Contractor Sector

Denis G. Beaudoin

Cementation Canada Incorporated

Derek Budge

J.S. Redpath Limited

Silvio E. Bertrand

Alex MacIntyre & Associates Limited

Jamie Mortson

Dumas Contracting Limited

Diamond Drilling Sector

Rod Cyr

Rodren Drilling Limited

Graham Ennis

Major Drilling Group
International Incorporated

Bill Krasnozou

Boart Longyear Incorporated

Gordon Cyr

Cyr Drilling International Limited

President's Report

On behalf of the Directors, and in cooperation with Barrie Simoneau, Director of Risk Management, Edward Huebert, Secretary Treasurer and Pam Marsden, Director of Communications/ Aboriginal Relations, I am pleased to submit the 49th Annual Report of the Mines Accident Prevention Association of Manitoba (MAPAM).

As each year concludes, new beginnings emerge, I would like to extend my sincere gratitude to all individuals who work in this incredible industry and take into their hands the safety of their overall workers.

This year, we lost key individuals who made significant contributions in mining. Crowflight Minerals, lost suddenly Mr. Steve Davies, he held the position of a MAPAM Director and provided great input the short time he was with us.

The passing of Mr. Jack Mandryk was a loss to the industry. Our thoughts were with the families during those difficult times. In conclusion, please bear in mind —Safety is essential, people are priority.—

Denis G. Beaudoin
President, MAPAM

Safety Numbers

In 2010, the number of people working in the Manitoba mining industry decreased marginally from 4,144 in 2009 to 4,107. The total exposure hours recorded in our industry in 2010 was 8,339,266; in 2009; 2.6% more than the 2009 exposure hours of 8129723.

The mining industry:
FREQUENCY Rate increased from 0.61 to 1.05,
SEVERITY Rate has moved from 30.5 at the end of 2009 to 32.0 in 2010.

Severity is the cost driver of worker's compensation rates and is influenced by the seriousness of a workplace injury and how it is managed.

There is a positive aspect to the injury statistics, the Manitoba mining industry has completed TEN (10) continuous years without a workplace fatality. This is a monumental achievement that truly reflects the industry's commitment to providing safe and healthy workplaces.

Job Well Done!

Standing Sub-Committee

228 / 94

The Standing Sub-Committee (of the Advisory Council) met throughout 2010 to discuss proposed changes to the **Operation of Mines Regulation - 228/94**. The committee has made great progress and continues to strive forth.

MAPAM acknowledges and appreciates the dedicated work of its members, Ian Cooper, Stu Waring, Tom Lindsey, Wayne Levac, Bill Spelliscy and Bill Comaskey.

International Mine Rescue Body (IMRB)

2010 MAPAM set the tone to lend its assistance to organize the worldstage for IMRB 2013. The groundwork is in place to bring Mine Rescue Instructors, teams and Safety personnel together to learn and share Mine Rescue best practices.

The setting is Niagara Falls, Ontario— October 2013. Stay tuned for more exciting and interesting topics to be released to the mining community.

Niagara Falls, ON

October 2013



2010 *“Vision for the Future”*

Two Thousand and Ten

Emergency Preparedness, Planning and Response
for the Canadian Mining Industry

MAPAM achieved another success in the planning and delivery of the 3rd Biennial “Emergency Preparedness, Planning and Response for the Canadian Mining Industry.” This years’ summit was held in the breathtaking scenery of Saskatoon, Saskatchewan. Coming from all parts of Canada and the United States the total participants for the summit reached 105.

Discussions and presentations were delivered with sincerity and passion by Safety & Health presenters. Topics included; mine fire prevention, critical stress incident management, innovations to best practices to name a few.

The summit included down time which brought the “Cowboy” out of some people, participants were treated to a home cooked experience at the Champetre Ranch. Overall, the experience and information was well received and future planning ideas are in the works to coincide with the IMRB 2013.



Affiliations

2010 MAPAM met its mandate to provide training, auditing and advisory services for the membership. MAPAM continues to be involved in national/international matters and provides assistance to resolve safety related challenges. MAPAM maintains close working relationships with the following associations and agencies;

- Canadian Society of Safety Engineering (CSSE) ("Train the Trainer" - B. Simoneau)
- Workplace Safety North
- Mining Association of Canada (MAC)
- Natural Resources Canada (NRCAN - CANMET)
- Canadian Institute of Mining, Metallurgy & Petroleum (CIM)
- Canadian Association of Chief Inspectors of Mines (Special Advisor, B. Simoneau)
- John T. Ryan Safety Awards
- National Western Regional Mine Rescue Committee/Competition (NWRMRC) (Chair, B. Simoneau)
- 2013 International Mine Rescue Body (IMRB) (Organizer, B. Simoneau)

International Front



MAPAM (B. Simoneau) and RANA Air (Earl Gardiner) were invited to China to provide advice on developing protocols to install portable mine rescue shelters in Chinese mines.



B. Simoneau also visited Draeger's production plant in Lubeck, Germany and was a guest at the Celebration of 100 years of Mine Rescue services in Germany.



Moving southwards, the media frenzied underground mine emergency in Copiapo, Chile could have been a major disaster, but due to the efforts of a number of Canadian entities, the 33 miners who were trapped for 69 days were brought safely to surface. Many thanks to MAPAM, Cementation, Major Drilling (maybe more) for their assistance during this crisis.

John T. Ryan



Congratulations to Vale - Manitoba Operations, Birchtree Mine and T1 Mine for capturing the National Mine Safety – John T. Ryan Trophy.

This year marks the 6th consecutive year that Vale has received this prestigious award. "Our Hats are off" to all the individuals who worked hard for this achievement.

Barrie Simoneau and Bill Comaskey are Committee members to set criteria and select Award Recipients.

National Western Region Mine Rescue Committee/Competition

In 2010, we have one Manitoba teams on deck to participate in the 2011 National Western Region Mine Rescue Competition, that team is Hudson Bay Mining and Smelting Inc. Limited - Flin Flon.



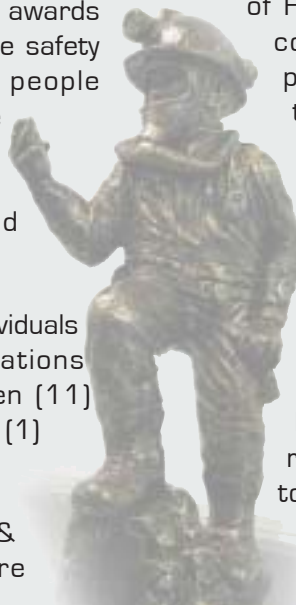
In 2011, the Provincial Manitoba Mine Rescue Competition will be held in Thompson, MB, its is there that a second Mine Rescue team will be preparing to head to Fernie, BC. Good luck to all the teams, coaches and supporting individuals that make this another MAPAM success story.

Certificates

In 2009, many certificates and awards were distributed within the mine safety sector, e.g., forty-nine (49) people received basic mine rescue training, nine (9) graduated to standard, and four (4) were approved for advanced certification.

In addition, twenty-one (21) individuals received Director of Operations Training certificates and eleven (11) Technician certificates and one (1) Instructor was certified.

Years of service for 5, 10, 15, & 20 years of services were



distributed —one milestone, Dave Kendall, of HBMS Snow Lake with 35 years and counting. Manitoba's mine rescue personnel are to be congratulated for the time and effort given to the safeguarding of our miners.

Mine Rescue teams were deployed to 2 underground emergencies, both were handled in a competent manner and resulted in minor damage and no injuries to mine personnel.

Mine Rescue instructors meet on a regular basis to discuss issues related to emergency planning, preparedness and response issues and also to ensure the mine rescue manual is current.

Boards and Commissions

The Workers Compensation Board of Manitoba continues with Barrie Simoneau as a Employee part-time Appeal Commissioner, and in June 2010, Pam Marsden was appointed a part-time Appeal Commissioner.

MAPAM was also active with both the Employers Task Force on Safety and Compensation (ETF) and the Manitoba Employer's Council (MEC).

MAPAM has continued to work closely with the Workplace Safety and Health Division in bringing issues and concern to the forefront with Government and Provincial Mine Inspectors.

2010 Provincial Manitoba Mine Rescue Competition TEAMS



Atomic Energy of Canada Ltd. — URL



Tantalum Mining Corporation of Canada Ltd.



San Gold Corporation



Vale - Manitoba Division



Hudson Bay Mining & Smelting Co. Limited —
Snow Lake



Hudson Bay Mining & Smelting Co. Limited —
Flin Flon



Hosted by SanGold Corporation, the 2010 Provincial Manitoba Mine Rescue Competition was held in the Union Centre parkade in Winnipeg, MB., on May 27, 2010.



HBMS Flin Flon - Winners of the 2010 Manitoba Provincials



The competition was significant from the traditional underground setting but the tasks were challenging as well as fun. Many thanks to the Union Centre for providing the facility, to the Winnipeg Fire Department, the Mine Rescue teams and the many dedicated volunteers. It will be a long time before everyone forgets the huge balls of the fire fighting foam that filled the sky near Broadway and Smith St.

The first day of the competition, mine rescue teams were challenged to a fire fighting exercise, technician competition and competency based examination.

The following day the teams were challenged with nature's element of howling rain and lightening. The mock mine was constructed within a city parkade. It included a smoke and fog challenge and also a practical skill problem. The smoke problem consisted of the teams having to work their way out of zero visibility environment and eventually find their way out of there looking like large marshmallows.

Emerging victorious from the mine competition was team **Hudson Bay Mining and Smelting Co., Limited of Flin Flon**. The competition runner up was AECL(URL) which was unfortunately their last competition before the closure of the research facility. The winner of the Technician's competition was Kevin Clarke, AECL-URL. Congratulations everyone!

In May of 2010, Vale - Manitoba Operations will be the host of the Provincial Manitoba Mine Rescue Competition, the location will be the Birtchtree Mine, Thompson, MB.

...the year ahead

The year 2010 has proved to be a busy and challenging year. The Association's straightforward and practical approach to dealing with issues related to health, safety, risk management workers compensation, emergency preparedness and response are viewed positively, by our peers, government and the business community.

We are proud that our leadership role is making a significant contribution to improve safety and health in the mining, contracting and diamond drilling sectors.

As we move forward let us keep in mind that "Safety is key" in all our endeavors.

Denis G. Beaudoin, President

Barrie D. Simoneau