

2009

48TH ANNUAL REPORT

Mines Accident Prevention Association of Manitoba
(MAPAM)



**SAFE
MINING**



Table of Contents

MAPAM Purpose and Mission Statement
Page 3

MAPAM Executive, Staff & Membership
Page 4

Annual Report for 2009
Page 5 -10



Manitoba Provincial Mine Rescue Competition
Winner's Trophy

Ernie Fauvelle, Artist

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".

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 48 years, MAPAM has been serving the interests of its members and continues to do so. MAPAM's focus has not changed significantly from its original mandate.



SAFE MINING

2008-2009 Membership

Vale - Manitoba Division
Hudson Bay Mining and Smelting Co., Limited
Tantalum Mining Corporation of Canada Ltd.
San Gold Corporation
Atomic Energy of Canada Ltd. - URL
J.S. Redpath Ltd.
Alex MacIntyre & Associates Ltd.
Major Drilling Group International Ltd.
Boart Longyear
Rodren Drilling Ltd.
Cyr Drilling International Ltd.
Crowflight Minerals Ltd.
Graymont Western Canada Inc.
Dumas Contracting Ltd.
Cementation Canada Inc.
Mining Association of Manitoba Inc.

ASSOCIATION EXECUTIVE AND STAFF

President

Denis G. Beaudoin

Edward J. Huebert

Secretary/Treasurer

Barrie D. Simoneau

Director of Risk Management

Pamela A. Marsden

Communications Director

BOARD OF DIRECTORS Mining Sector

Ian J. Cooper (Vice President)

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

Gregory W. Kuzyk

Atomic Energy of Canada Ltd. (URL)

Kirk Regular

VALE – Manitoba

Colleen Bugslag

Tantalum Mining Corporation of Canada Limited

John Lockhart

San Gold Corporation

Sirahuen Maldonado

Graymont Western Canada Inc.

Mike Meyhew

Crowflight Minerals Inc.

Edward J. Huebert

Mining Association of Manitoba Inc.

Mine Contractor Sector

Denis G. Beaudoin

Cementation Canada Incorporated

Derek Budge

J.S. Redpath Limited

Silvio E. Bertrand

Alex MacIntyre & Associates Limited

Rick Guillemette

Dumas Contracting Limited

Diamond Drilling Sector

Rod Cyr

Rodren Drilling Limited

Bill Krasnozou

Boart Longyear Incorporated

Graham Ennis

Major Drilling Group International Incorporated

Gordon Cyr

Cyr Drilling International Limited



2009 ANNUAL REPORT

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, Communications Director, I am pleased to submit the 48th Annual Report of the Mines Accident Prevention Association of Manitoba (MAPAM).

This past year we have had outstanding participation in sharing information and with the upside of the market both productivity and personnel numbers have shown an increase. Although, we sympathize with the unfortunate tragedies in other parts of the world, the Manitoba mining industry is proud to announce that our safety statistics are the best we have ever recorded.

The mining sector can hold their heads high in reaching this outstanding record for safety performance. This year, Manitoba achieved a .06 rate for time loss accidents (LTAs). Applaud yourselves and keep driving to zero and beyond.

Denis G. Beaudoin
President, MAPAM



*Graymont Western Canada, Faulkner, MB
June 2010.*

Manitoba achieved a .06
time loss accident rate in
2009.

Safety Numbers

In 2009, the number of people working in the Manitoba mining industry decreased marginally from 4,299 in 2009 to 4,144. The total exposure hours recorded in our industry in 2009 was 8,129,723; in 2008, they were 8,546,865, or 5% less.

The mining industry frequency rate decreased significantly from 1.54 to 0.61, severity rate has moved from 58.1 at the end of 2008 to 30.5 in 2009. 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.

In recent years, it has become apparent that in spite of careful claims management, the healthcare

system is a major impediment to workers returning to their jobs on a timely basis. There is a positive aspect to the injury statistics, the Manitoba mining industry has completed nine (9) continuous years without a workplace fatality. This is a monumental achievement that truly reflects the industry's commitment to providing safe and healthy workplaces.

Did you know....

The cost to insure each worker, for Workers Compensation coverage was \$0.71 per hour in 2008, and the average rate over the past ten years was \$0.66 per hour worked?

Affiliations

In 2009, MAPAM met its mandate to provide training, auditing and advisory services for the membership. In addition to these issues, 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)
- Mines and Aggregate Safety and Health Association of Ontario (MASHA)
- Mining Association of Canada (MAC)
- Natural Resources Canada (NRCAN – CANMET)
- Canadian Institute of Mining, Metallurgy & Petroleum (CIM)
- Canadian Association of Chief Inspectors of Mines
- John T. Ryan Safety Awards
- Western Regional Mine Rescue Organization

MAPAM along with the guidance of safety practitioners was tasked to provide workshops to examine best practices and share experiences of *Exploration Field Safety*. The projected plan is to bring exploration and safety activities together in order to better prepare geologists and field coordinators. Ongoing discussion and workshops will be scheduled in early 2010.

Participation

In early September, Mr. Barrie Simoneau, Advisory Chair to the Canadian Association of Chief Inspectors of Mines attended the 4th International Mine Rescue Body Conference in the Czech Republic and visited mine rescue stations in the United Kingdom.

The report was presented to the Chief Inspectors of Mines and to the MAPAM Board. The report indicates that the Canadian Association of Chief Inspectors has been granted membership in IMRB and clarifies voting status. The Manitoba Mine Rescue Organization has made application for membership in the IMRB. This will be discussed by the IMRB Board in Beijing, China in 2011. The host committee of the 6th, International Mine Rescue Body Conference will be in Canada in 2013.

The MAPAM Board of Directors has indicated that summits and conferences are important projects and have agreed to provide support and resources to assist with these initiatives.



National Western Region Mine Rescue Competition

The ninth National Western Region Mine Rescue Competition (NWRMRC) was held in Fernie B.C. on September 11th and 12th, 2009. The competition hosted 10 underground and 9 surface teams. The Manitoba Mine Rescue Teams representing the Province were; Atomic Energy of Canada Limited (AECL-URL) and Hudson Bay Mining and Smelting Co., Limited (HBMS) of Flin Flon, MB.



The competition's huge success has been noted. There are a number of changes the committee will review to ensure the competition continues to be a success. Many thanks to all the volunteers who assisted in the competition. **The next NWRMRC is scheduled for September 2011.**

John T. Ryan Trophy

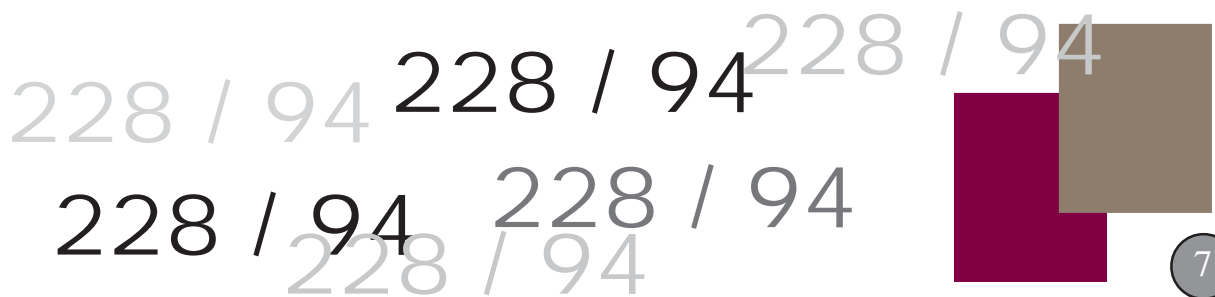
It is significant to note that over the past 5 years Vale- Thompson, Manitoba has been the recipient of one National and four Regional John T. Ryan Awards. Both Barrie Simoneau and Bill

Comaskey continue to work with the John T. Ryan Awards Committee. Again, our hats our off to **Vale's — Birchtree Mine** for capturing a Regional Award.

Congratulations

Standing Sub-Committee

The Standing Sub-Committee (of the Advisory Council) met throughout 2009 to discuss proposed changes to the **Operation of Mines Regulation – 228/94**. The committee has made great progress and MAPAM acknowledges and appreciates the dedicated work of its members, Ian Cooper, Stu Waring, Tom Lindsey, Wayne Levac, Tom Hilliard, Bill Spelliscy and Ted Hewitt.



Western Safety Group of the Canadian Diamond Drill Association

MAPAM continues to be an active supporter of the Western Safety Group of the Canadian Diamond Drill Association



Boards and Commissions

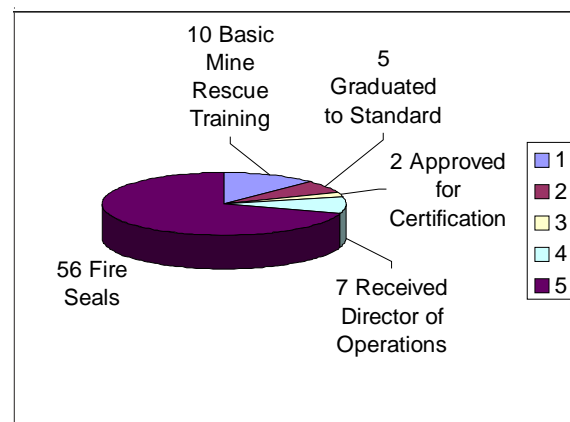
MAPAM maintains close working relationships with the Workplace Safety and Health Division and the Workers Compensation Board of Manitoba. Mr. Simoneau's work as a part-time Appeal Commissioner for the Workers Compensation Board of Manitoba is ongoing. MAPAM was also active with both the Employers Task Force on Safety and Compensation (ETF) and the Manitoba Employer's Council (MEC).



Certificates

In 2009, many certificates, and awards were distributed within the mine safety sector, e.g., ten (10) people received basic mine rescue training, five (5) graduated to standard, and two (2) were approved for advanced certification. In addition, seven (7) individuals received Director of Operations certificate and fifty-six (56) Fire Seals were handed out. For the year ending 2009, there were five (5) minor callouts for emergency response.

Twenty-one Mine rescue service awards, ranging from 5 to 20 years were presented to deserving recipients. Manitoba's mine rescue personnel are to be congratulated for the time and effort given to the safeguarding of our miners.



Provincial Mine Rescue Competition



The 2009 Provincial Mine Rescue Competition was hosted by Tantalum Mining Corporation Canada Ltd. at the Bernic Lake Mine, Lac du Bonnet, Manitoba.

On 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 they had to deal with a simulated first aid problem in the service bay and then had to contend with a fire deep in the Mine. Teams entered the simulated smoke filled mine, with their traditional rescue equipment. Teams travelled to the source of the emergency using two service vehicles (Toyota personal carriers).

The mine rescue teams' first challenge was to extinguish an equipment fire. Next they traveled the mine ramp system on foot through a series of tunnels that became progressively smaller as they proceeded. At the final tunnel, teams had to remove their breathing apparatus in order to pass through; prior to taking off their apparatus they tested the air to determine it was safe to breathe. The rescuing of miners in a refuge station proved to be demanding as they were both stretcher victims and had to be moved back through the confined passageways and ultimately to safety on surface.



Atomic Energy of Canada Ltd. (AECL-URL) 2009 Provincial Mine Rescue Champions.

Overall, the teams enjoyed the simulated emergency exercises and performed each exceptionally well. Emerging victorious from the mine competition was Atomic Energy of Canada's, Underground Research Laboratory (AECL-URL) team from Pinawa, Manitoba, for the second year in a row. The runner up team was Hudson Bay Mining and Smelting Co., Limited of Flin Flon. The winner of the Technician's competition was Kim Hayes from Vale - Thompson. Congratulations everyone!

Special thanks to the many volunteers, judges, safety supply companies, participants, and all of the family and friends of the mine rescue team members who attended and supported the competition. In May of 2010, Winnipeg will be the location of the Provincial Manitoba Mine Rescue Competition, hosted by San Gold Corporation.

Manitoba Mine Rescue Teams



Atomic Energy Canada Ltd. (AECL) / URL - Pinawa

Hudson Bay Mining and Smelting Co., Limited - Flin Flon

Hudson Bay Mining and Smelting Co., Limited - Snow Lake

San Gold Corporation - Bissett

Tantalum Mining Corporation of Canada Ltd. (TANCO) - Lac du Bonnet

Vale Inco - Thompson



Strategic Planning Summit **2010**

Two Thousand and Ten

“Vision for the Future”

3rd Biennial — Strategic Planning Summit
for Emergency Preparedness, Planning & Response
for the Canadian Mining Industry

“Perspectives, Innovations and Strategic Safety Solutions”

In 2010, MAPAM along with the Saskatchewan Mining Association (SMA) will be co-hosting the 3rd Biennial Emergency Preparedness, Planning and Response Summit for the Canadian Mining Industry. The upcoming summit will be held in Saskatoon, Saskatchewan on **September 26-30, 2010**.

This year's theme is *“Vision for the Future,”* and includes: Jurisdictional Reports, mine tours, trade show presentations, and much more. Thanks to the planning committee for all their efforts in planning the 2010 Summit.

...the year ahead

The year 2009 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 should be proud that our leadership role is making a significant contribution to improve safety and health in the mining, contracting and diamond drilling sectors.

Denis G. Beaudoin
MAPAM, President

Barrie D. Simoneau
MAPAM, Director of Risk Management

Edward J. Huebert
MAPAM, Secretary Treasurer