

2012 Mines Accident Prevention Association of Manitoba (MAPAM)

51st Annual Report

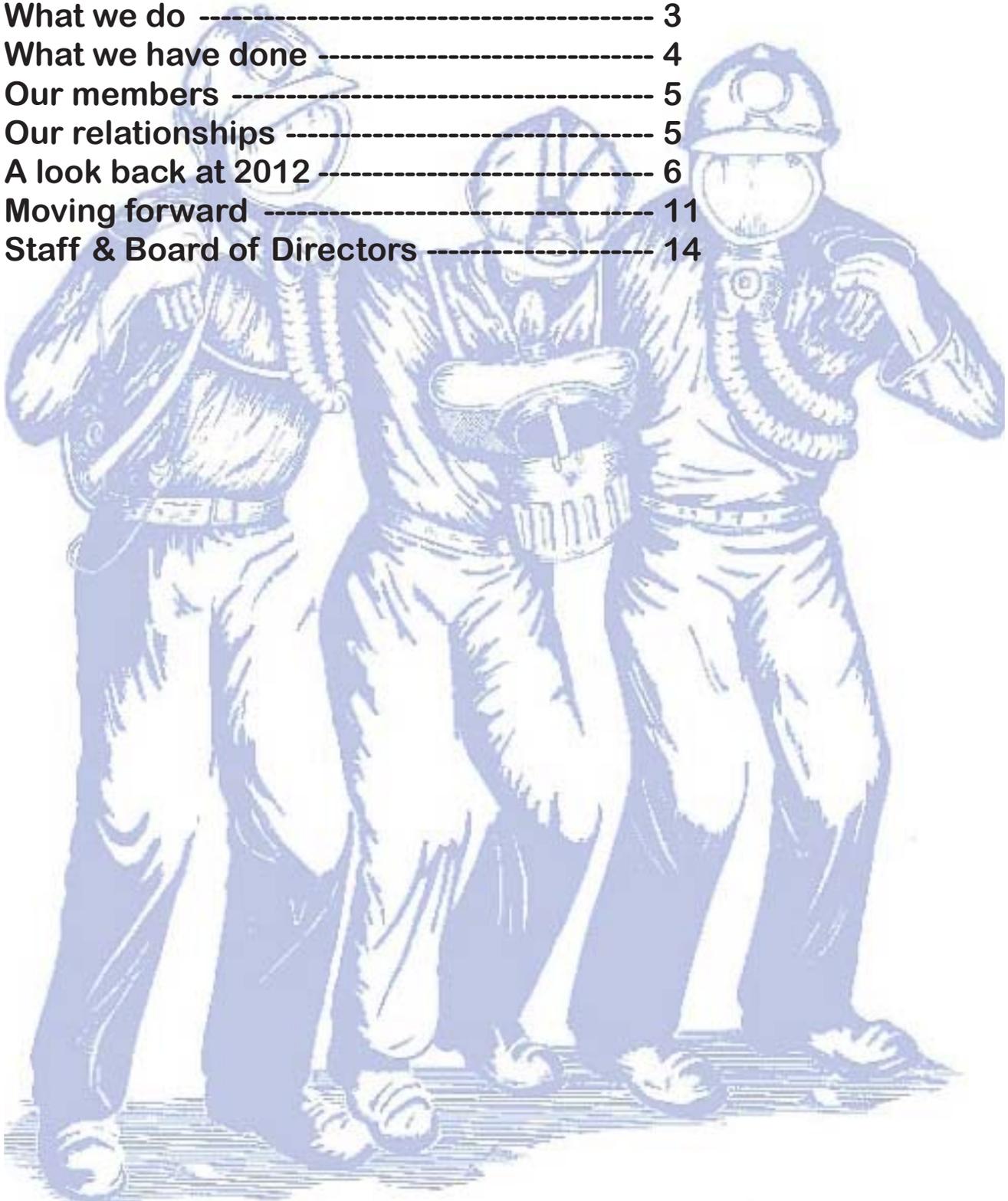


51 years of exceptional service to Manitoba's mining industry
51 years of progressive safety excellence

Safety is essential. People are priority.

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MESSAGE FROM THE PRESIDENT, IAN J. COOPER



On behalf of the Mines Accident Prevention Association of Manitoba's Board of Directors, I am happy to submit the 51st Annual Report.

It takes a positive attitude and incredible dedication to take on the responsibility of mine workers and for that I am grateful.

Our LTAs are the lowest they have been on record and there were no fatalities in 2012. We are encouraged by these statistics, but also reminded that we must continue to strive for safety excellence of zero and beyond.

As this is my final year, I am sending a special thank you to all of the individuals who made the safety of our people a priority in their workplaces.

This truly is an incredible industry - an industry who is seen as a leader in mining health and safety.

Thank you.

Ian J. Cooper
President, Mines Accident Prevention Association of Manitoba



*We are a
quality service
association
that
enhances and
safeguards
the mining
industry's
business
activities...*

ABOUT US

The Mines Accident Prevention Association of Manitoba, MAMI's companion organization, was founded in 1962 to meet the increasing need for safety and consulting services to the rapidly expanding mining industry. MAPAM promotes and implements leading-edge accident prevention actions and programs, and assists in workers compensation management for its members.

MAPAM is wholly funded by its members who are assessed annually on the average number of workers for the twelve months preceding the assessment period.

For the past 51 years, MAPAM has been representing the interests of the mining industry and continues to provide value added services for its membership.

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

WHAT WE DO

MAPAM's mandate was restated in 2000. Although the following core deliverables did not change, the level of sophistication of these deliverables did. The Association provides:

- Timely and quality service to Association members
- "State of the art" advice on accident prevention and risk mitigation
- Emergency planning, preparedness and response
- Safety and Risk Management Training
- Auditing
- Government Relations
 - Health and Safety Legislation
 - Workers Compensation
 - International Codes and Standards
- Local, national and international advice on safety and emergency response matters
- Compilation of Accident and Injury Statistics
- Presence on high profile Boards, Commissions and Committees
- Involvement in special projects
- Other activities to represent the MAPAM members and promote safety and health excellence in the mining industry.



WHAT WE HAVE DONE

The achievements of MAPAM and its Director of Risk Management are significant, however they are only a small representation of the deliverables that the MAPAM organization provides for Manitoba's mining industry and the international mining community at large.

- Provided strategic direction to assist the Manitoba Mining Industry achieve a 0.43 LTA frequency rate in 2012 which is the lowest it has been in the 51 years of recording injury statistics.
- Instrumental in reducing the number of fatalities in the mining sector to one in the last 12 years. This represents over 95 million exposure hours.
- Coordinated the establishment of emergency planning, preparedness and response protocols for the Manitoba mining industry which continues to be among the best in the world. The Manitoba model is often referenced by other companies and jurisdictions that are evaluating or establishing emergency preparedness and response plans. It is significant to note that this responsibility has quasi regulatory authority and if relinquished will revert back to government control.
- Co-operated with the Manitoba Workers Compensation Board and Workplace Safety Division to identify and implement state-of-the-art, prevention and return to work strategies. These relationships have been integral to lower compensation assessment rates and establish reasonable and practical safety and health legislation.
- Shared "lessons learned" and safety and risk management information among all MAPAM member companies. This information is often derived from discussions held by mine operators, contractors and diamond driller safety groups.
- Produced an annual report that captures the Associations activities for each year dating back to 1962 as well as maintaining a record of Board minutes dating back to MAPAM's inception.

Through their collective efforts, Board members have built a safety culture in Manitoba's mining industry that is second to none...

0.43



*Last year,
MAPAM
met its
mandate
to provide
training,
auditing
and advisory
services
to our
members...*

OUR MEMBERS

- Alex MacIntyre & Associates Ltd.
- Atomic Energy of Canada Ltd.
- Boart Longyear
- Cementation Canada Inc.
- CaNickel Mining Ltd. (formerly Crowflight Minerals Ltd.)
- Cyr Drilling International Ltd.
- Dumas Contracting Ltd.
- Graymont Western Canada Inc.
- Hudbay
- Redpath
- 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

OUR RELATIONSHIPS

We continue to be involved in national and international matters and provide assistance to resolve safety related challenges. We work closely with:

- Canadian Society of Safety Engineering (CSSE)
- Workplace Safety North (Ontario)
- 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
- Workers Compensation Board (appeal commissioner representative B. Simoneau)
- National Western Regional Mine Rescue Committee/ Competition (NWRMRC) (chair B. Simoneau)
- International Mine Rescue Body (IMRB) (organizer B. Simoneau)
- Employers Task Force on Safety and Compensation (ETF)
- Manitoba Employer's Council (MEC)
- Workplace Safety and Health Division



A LOOK BACK AT 2012

Employment

Employment numbers in 2012 decreased over 2011 from 4252 to 4218. Hours worked are down 3.6% from 8703369 in 2011 to 8405383 in 2012. This is a direct relationship to the reduction of Time Loss Injuries by 22% to just over 18%.

Workplace Safety & Health meeting

The Board of Directors held a successful meeting with new Executive Director Jo-Anna Guerra of Family Services and Labour in August of this year. Ms. Jo-Anna Guerra explained her concerns about the disconnect in communication and the challenges in the hiring and recruitment of mines inspectors. We reiterated our strong support for the mines inspector function. The Workplace Safety and Health Act is currently under review by the Advisory Council. We anticipate changes to W-210 early in 2013.

CEO & President of Workers Compensation Board (WCB)

Upon meeting with Mr. Winston Maharaj in November 2012, there was unanimous agreement to continue strengthening relationships between MAPAM and WCB. The new CEO and president was very encouraged and complimentary of the mining industry approach to safety and injury management systems.

Future Prevention Plan

In August 2012, MAPAM was one of the first to participate in a series of meetings about the public awareness of safety, existing programs and services, as well as what other efforts can be made to support the current system in place. Don Hurst, Chief Prevention Officer, Dave McCreedy and Dave Gaudreau met with various groups across Manitoba in an effort to develop a joint coordination plan for prevention in 2013 in consultation with Myers Norris Penney.

Safety Training

Barrie Simoneau ran the Northern Sector Workshop and Manitoba Hydro's Helicopter Safety Training. Mr. Simoneau was a guest speaker for CSSE in Fort McMurray and for the Manitoba Electrical League. He also facilitated training at Vale (Thompson), Hudbay (Flin Flon & Snow Lake).

*A success
for our
Board and
the mining
contractors
who help us
do the work!*



Manitoba Lung Association

MAPAM worked with, and will continue to work with, the Manitoba Lung Association to help establish a mobile digital x-ray service.

Workers Compensation Board Appeal Commissioner

Barrie Simoneau was reappointed as a part-time Workers Compensation Board appeal commissioner until March 2015.

Operation of Mines Regulation

The Operation of Mines Regulation became law on April 1, 2012. Thank you to the Steering Committee, consisting of labour, industry and government, for their dedication during the review process.

Mine Rescue Instructors meetings

Mine Rescue Instructors met twice in 2012 to discuss issues related to emergency planning, preparedness and response, and the annual competition. The Provincial Manitoba Mine Rescue Manual was also updated. Mr. Barrie Simoneau also serves as a special advisor to the Chief Inspector of Mines.

*We thank
you, Mine
Rescue
personnel,
for your
dedication to
the safety of
our miners...*

Photo credit: Chiefs Inspectors of Mines



Certificates & Awards

Congratulations to the recipients of these certificates and awards!

Basic Mine Rescue Certification

Number of personnel qualified: 43

Standard Certification

Number of mine rescue personnel awarded: 13

Advanced Certification

Number of mine rescue personnel awarded: 4

Instructor Certification

Number of mine rescue personnel awarded: 3

Kelly Edwards, Vale Manitoba Operations

Kevin Lief, Hudbay Snow Lake

John Lutz, Vale Manitoba Operations

Director of Operations Training

Number of personnel trained: 3

Mine Rescue Service Awards

15 Years – 1

25 Years – 2

30 Years – 1

John T. Ryan Regional
Trophy - metal mines
prairies, NWT & Nunavut

2012 winner:

**Vale Manitoba Operations
T-1 Mine**

*Two minor
mine rescue
callouts
occurred
in 2012,
requiring
the services
of 12 mine
rescue
personnel...*



Safety Statistics

Overall, LTAs were reduced from 22 to 18, which indicates a 20% reduction. The severity rate is down 32% with days of lost time reduced from 999 in 2011 to 682 in 2012. Within the association's sectors, mining increased LTAs slightly from 10 to 13. Contractors decreased to 0 LTAs and Diamond Drilling decreased from 11 to 5 LTAs.

For 2012, the average WCB cost to insure each exposure hour was \$0.96.

Mining - \$0.70

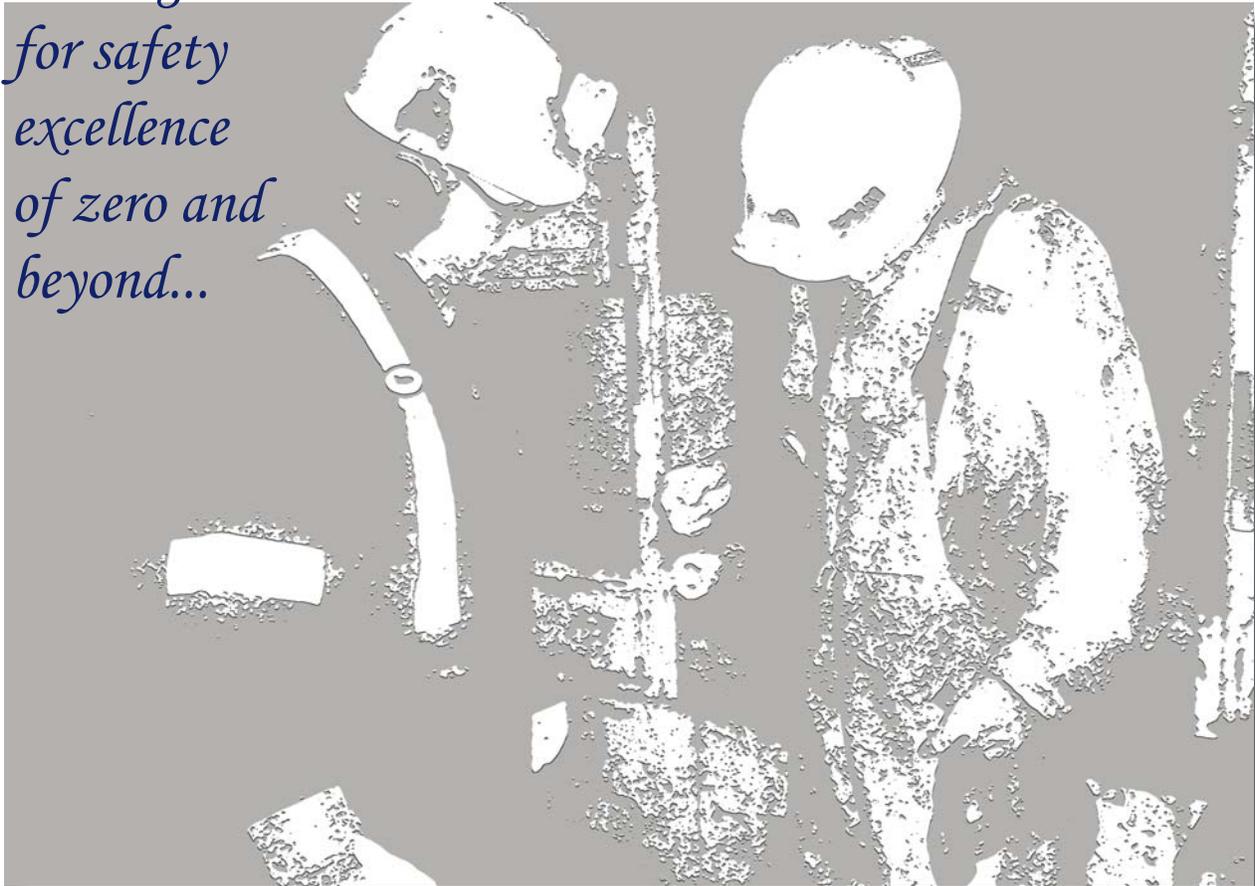
Contracting - \$1.51

Diamond Drilling - \$1.50

Random testing on alcohol and drugs

The Mining Associations of Canada have been granted intervenor status before the Supreme Court on the issue related to random testing for alcohol and drugs in safety sensitive workplaces.

*We are
continually
striving
for safety
excellence
of zero and
beyond...*



2012 Manitoba Provincial Mine Rescue Competition

Mine rescue competitions have been held for over 50 years in Manitoba. These competitions test the completeness of our emergency response plans and competencies of our response personnel; essential in continuing to provide the same high level of rescue services across the province.

Photo Credit: Hudbay - Flin Flon team Darren Lyhkun, Les Vancoughnett, Bryan Rainville, George Warman, Eric McIntosh, Joe McBurrie, Olaf Hettrick & Don Peake



2012 Manitoba Provincial Mine Rescue Technician Winner



2012 Manitoba Provincial Mine Rescue Participating Teams



*Congratulations
to all teams!*



MOVING FORWARD

2012 was a busy and productive year. As an industry, we have seen significant improvement in safety performance. The 2012 Lost Time Accident (LTA) rate was 0.43, a historical all-time low for us.

Looking forward, we will have new challenges and opportunities in 2013.

Challenges

Threshold limit values (NO2)

- NO2 requirements and the challenge to adopt reasonable limits.

Inspection services

- Encourage the value inspectors can add to the safety and well being of our work forces.
- Work co-operatively with inspectors so they become familiar with the type of work and can interpret the regulations in a consistent manner.
- Use of appropriate enforcement action for identified deficiencies.

WCB

- Support classifying claims appropriately (heart attacks for an example)
- Inform employers when there are staff changes to ensure seamless service.

Other issues of concern

- Automatic acceptance of the ACGIH numbers.
- Fit for duty requirements for new hires consistent from site to site.
- Consistent expectations for health care providers that are doing the testing.

Succession Planning

With the pending retirement of Mr. Simoneau, the Board of Director's will be charged with redefining the role and finding an appropriate candidate to fill the Director of Risk Management position.



Opportunities

New president

Kirk Regular of Vale Manitoba Operations will be the Board of Director's President starting in 2013. Many thanks to Ian J. Cooper who served as Board President since 2011.

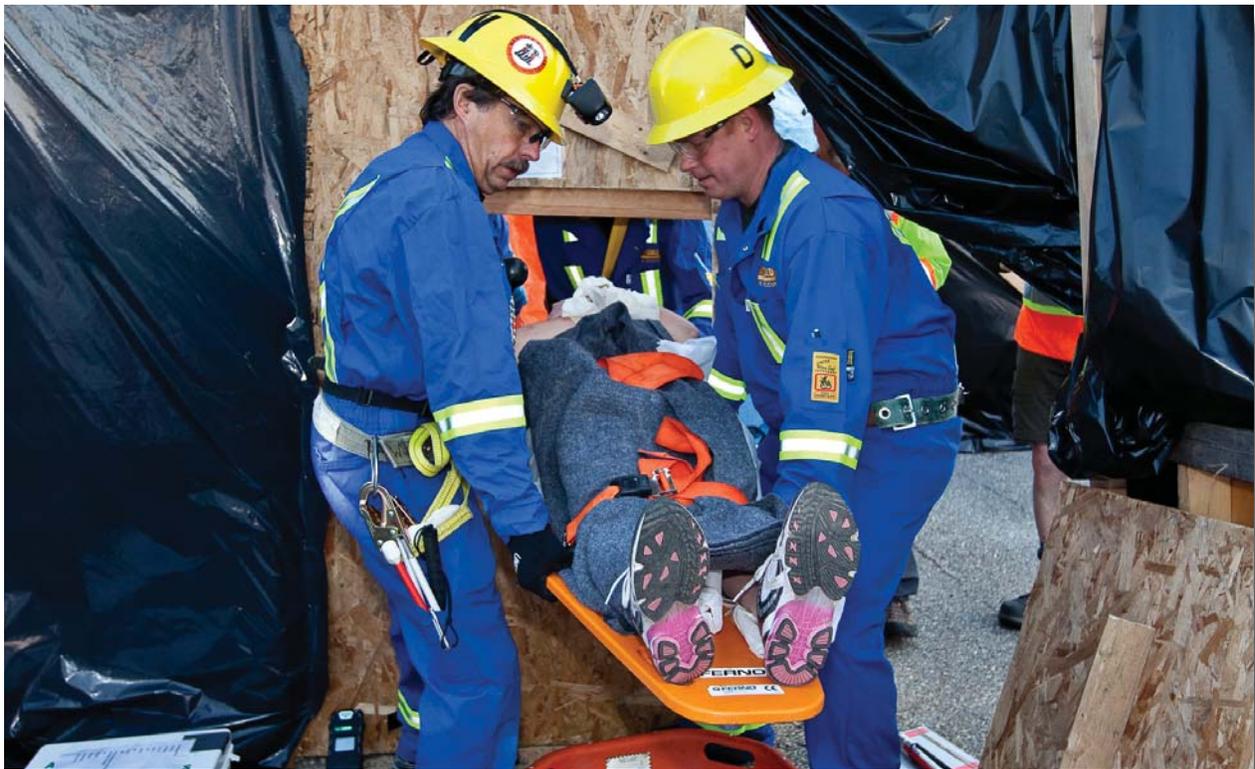
2013 Manitoba Provincial Mine Rescue Competition

Next year's host is San Gold Corporation. Participants from five mine rescue teams representing Hudbay, Vale, San Gold and Tanco will compete against each other. The event will be held in Winnipeg on May 24-25, 2013. Many individuals dedicate their time and effort to make this another MAPAM success story. Thank you volunteers and good luck teams!

National Western Region Mine Rescue Competition - 11th Biennial

The National Western Regional Mine Rescue Competition will be held in Fernie, British Columbia on September 6 & 7, 2013. Provincial and Territorial Surface and Underground Mine Rescue winners from Western Canada (Alberta, British Columbia, Manitoba, Saskatchewan, Yukon and Northwest Territories/Nunavut) as well as the winning surface and underground teams from the Northwestern United States make up the competition. A great event to support the teams and coaches who help put this together!

Photo Credit: 2011 National Western Regional Mine Rescue Competition





International Mine Rescue Body (IMRB) Conference

The International Mine Rescue Body (IMRB) Conference is a world-class mine rescue event in Niagara Falls October 5-10, 2013.

IMRB Canada 2013 is one of those rare opportunities for mining and mine rescue professionals from around the world to gather and share their knowledge and expertise.

This conference is being hosted by the Canadian mining industry and is sanctioned by the Canadian Association of Chief Inspectors of Mines. It will welcome delegates from all over the world.

The Mine Rescue Coordinators Forum will be held at Sheraton on The Falls on October 05, 2013. This is an opportunity for a discussion forum that will help formulate a plan to benefit mine rescue delivery across Canada.

For more information, please visit:

<http://www.imrb2013.ca/>



STAFF & BOARD OF DIRECTORS

MAPAM's Board of Directors is comprised of safety and risk management professionals from operating mines, mine contractors and diamond drilling sectors. Board members are passionate about achieving safety excellence and through their collective efforts have built a safety culture in Manitoba's mining industry that is second to none.

<p>STAFF</p> <p>Barrie Simoneau Director of Risk Management Mines Accident Prevention Association of Manitoba/Mining Association of Manitoba Inc.</p> <p>Ed Huebert Executive Vice President & Secretary/ Treasurer Mining Association of Manitoba Inc./ Mines Accident Prevention Association of Manitoba</p> <p>Pam Marsden (January - April 2012) Director of Communications & Aboriginal Relations Mining Association of Manitoba Inc./ Mines Accident Prevention Association of Manitoba</p> <p>Renae Campbell (August 2012 - present) Director of Communications & Administration Mining Association of Manitoba Inc./ Mines Accident Prevention Association of Manitoba</p> <p>BOARD OF DIRECTORS</p>	<p>Sharon Inkster Director Tantalum Mining Corporation of Canada Limited</p> <p>John Lockhart Director San Gold Corporation</p> <p>Glen Karklin Director Atomic Energy of Canada Ltd (URL)</p> <p>Cory Nickel Director Graymont Western Canada Incorporated</p> <p>Joe Dobbin/Greg Lockhart Director CaNickel Mining Ltd</p> <p>Denis G. Beaudoin Director Cementation Canada Incorporated</p> <p>Derek Budge Director Redpath</p>
<p>Ian J. Cooper President Hudbay Flin Flon and Snow Lake</p> <p>Kirk Regular Vice-President Vale - Manitoba Operations Thompson</p>	



STAFF & BOARD OF DIRECTORS CONTINUED...

BOARD OF DIRECTORS

Bill Krasnozon

Director
Boart Longyear

Gordon Cyr

Director
Cyr Drilling International Ltd

Jamie Mortson

Director
Dumas Contracting Ltd

Rod Cyr/Denine Rodrigues

Director
Rodren Drilling Ltd

Graham Ennis

Director
Major Drilling Group International Inc

James McDougall

Director
Alex MacIntyre & Associates

In memory

Ronald Dion passed away February 23, 2012.

Silvio Bertrand passed away November 15, 2012.

They will be remembered as friends and colleagues.

Outgoing members

The MAPAM Board would like to thank the following outgoing members for their participation and contributions:

- *Joe Dobbin November 24, 2011*
- *Roger Fontaine November 1, 2012*
- *Greg Lockhart April 26, 2012*
- *Pam Marsden February 29, 2012*
- *Jamie Mortson April 26, 2012*
- *Hari Ollila December 31, 2012*

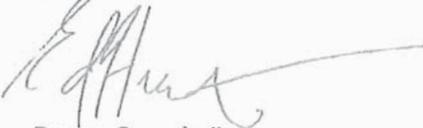


This report serves as a record of our collective success and we are pleased to share it with you.

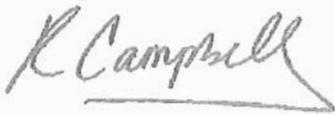
Barrie Simoneau



Ed Huebert



Renaë Campbell



Ian J. Cooper



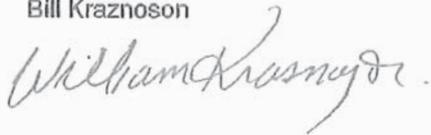
Kirk Regular



Sharon Inkster



Bill Kraznoson



Jamie Morton

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Graham Ennis



John Lockhart



Glen Karklin

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Cory Nickel



Joe Dobbin/Greg Lockhart

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Denis G. Beaudoin



Derek Budge



Gordon Cyr

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Denine Rodrigues



James McDougall

