



The Institute of Quarrying New Zealand Inc

IoQ QUARTERLY NEWSLETTER

Issue No. 10

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Committee 2006/07:

President:

Mr Steve Ellis

Immediate Past President:

Mr Brian Bouzaid

Vice President:

Mr George Kelcher

Mr Murray Discombe

Mr Warwick Leach

Mr Andrew Dronjak

Mr Tony Adams

Mr Les Ward

National Secretary:

Mrs Christine Dodds

President's Notes:



By the time this newsletter arrives on your desk many of you will have attended the Jim Macdonald memorial lecture tour, the guest speaker being the Honorable Jennifer Joy Wilson, President and CEO of the USA National Stone, Sand & Gravel Association (NSSGA).

I would like to take this opportunity to thank Ian Rodger of Metso Minerals who sponsored the Jim McDonald Memorial Tour and inviting such a high calibre speaker to NZ. I would also like to thank all Branches in arranging the venues at short notice and the sponsors who helped in sponsoring the evenings – thank you.

It is interesting to listen to these people. Once again the issues we struggle with in NZ are the same the world over, open engagement with our community, health & safety best practice models, future trends including continuing need for aggregates and a broader range, automation in plants and a move to underground quarrying, labour market - uncool to work in quarries, sustainability of resources versus sustainability for future needs of society and legislative issues with local and central governments.

I believe through the International Presidents' Forum meeting we should try to expand this meeting to other associations connected to quarrying around the world to help us deal with the above issues so we can be ahead of the game. These issues are not going to go away and we can learn off each other. I am sure this will be the main topic this year at the International Presidents meeting in Hobart – Australia.

The Board has now agreed to put a package together re sponsorship for the IOQ. It is not to be confused with sponsorship between the IOQ & AQA joint conference sponsorship.

The IOQ needs to find ways of providing funding to our Association other than fees to ensure that our organisation continues to be sustainable into the future.

I would ask that IOQ Members make a special effort to support the Sponsors / Suppliers that have, and are, putting time and money into supporting the IOQ.

George Kelcher, IOQ Board member, has done a great job in putting this package together – thank you George.

I can report that the Wellington Conference is all in hand and starting to really come together. Roger Parton, the newly appointed Conference Convener and Conference Chairman, Brian Bouzaid need to be congratulated for their efforts in ensuring we have a good conference.

Stay safe and take five before you act.

Steve Ellis,
President
Institute of Quarrying NZ Incorporated

The recent 2007 Jim Macdonald Memorial Lecture Tour sponsored by Metso Minerals was well attended at each venue by members of the Institute of Quarrying, quarry industry workers, suppliers and supporters. Ian Rodger of Metso Minerals took advantage of a small window of opportunity to have the President and CEO of the USA National Stone, Sand & Gravel Association (NSSGA), as the guest speaker; the Honourable Jennifer Joy Wilson who was elected NSA President in February 1997.



NSSGA represents the crushing of sand, gravel and aggregates industries in USA with their membership companies producing more than 92% of the crushed stone and 75% of the sand and gravel consumed annually in the United States. As a result is possibly the largest mining association in the world based on the volume of product represented.

The lectures were held in –

AUCKLAND - Monday 12th March at the Quality Inn, Manukau with refreshments/catering sponsored by Fulton Hogan, Stevensons, Winstone Aggregates, Holcim and John Ashby Consultants.

MATAMATA - Tuesday 13th March at the Matamata Racecourse Epsom Lounge with refreshments/catering sponsored by Prime Explosives.

WELLINGTON - Wednesday 14th March at the Angus Inn, with refreshments /catering sponsored by Winstone Aggregates.

CHRISTCHURCH - Thursday 15th March at the Copthorne Commodore Hotel with refreshments/catering sponsored by Ravensdown Fertiliser.

Dunedin - Friday 16th March at Mercure Leisure Lodge, Dunedin with refreshments/catering sponsored by Russetts.

In Christchurch, the evening began with David Laing, Chairman of the Canterbury Branch introducing Ian Rodger. Ian gave an overview of Jim Macdonald's contribution to the quarrying industry and in particular his inventions, which are still in use today. The guest speaker was then introduced - Mrs Jennifer Joy Wilson - who has a passion and a wealth of knowledge relating to the aggregate industry and its environmental issues. Joy had a PowerPoint presentation to supplement her lecture which will shortly be available on the IoQ website.

Information covered challenges for New Zealand, comparative statistical facts and figures relating to aggregate production in the USA as well as parallel factors critical to the quality of life; similar for people in the US as they are here in NZ.

Quarries in the US require aggregates close to where the consumers live and the NSSGA has the ongoing task of educating the public and to this end supply some very useful educational materials for use in schools. Community relations reach out through local television (short items of interest being used as filler slots), the History Channel, the website, and by distribution of improved written materials and videos available for teachers. The

Smithsonian Institute [which houses the Hope Diamond] has a Rock Galley with an interactive display showing how Rocks Build Cities as well as brochures on How Roads are Built and so on, topics that are not often taught at schools. Open engagement with the community is also through publicising quarry activities through school visits and running various awards.



Health and Safety requirements are stringent with a Best Practice model has been applied to all industry people and included in Trade Publications. The MSHA Safety Pledge has core safety principles, which are behaviour-based and underpinned with a strategy to achieve results.

Future trends include the continued need for aggregate, consolidation of companies [mergers]; the move to underground quarrying and broader range of aggregates and automation in plants.



With the decline of people working in the aggregates industry in the US, the trend will be towards better use of technology - automation will include liquid flow-meters, remote controlled operations such as Auto Cone Crushers, utilising GPS / wireless operations etc.

Sustainability of non-renewable resources versus sustainability for future needs of society is also a priority; legislative issues in general, and water resource issues in the growth area - southwest USA - where water consumption is greater than its rate of replenishment.

The range of topics covered in this most informative and interesting lecture summed up dilemmas that the industry as a whole faces and the message for everyone was to work at getting Governments to acknowledge the issues and to plan for the future; keeping a focus on Health and Safety [a top priority] and a plea for quarrying folk to get involved!

We publicly thank all sponsors who helped make the tour a success, and give a special vote of thanks to Lady Diana Isaac and Andrew Mahon for taking Ian and Joy on a tour through Isaac's Rainbow Quarry on Friday at such short notice.

By C. Dodds



AGM & ELECTION OF OFFICERS

Any member who intends to bring a motion or business before the AGM needs to give notice in writing of his/her intention to the NZ Council not less than twenty-eight days before the date of the meeting [11th July 2007].

Under the Rules of the Institute of Quarrying NZ Inc July 1999, **item 26 Appointment of Council**; The NZ Council shall comprise of the President, Vice President and immediate Past President who shall hold office for a two year term and in each and every year, one representative residing in or north of Taihape, one representative residing south of Taihape, two representatives residing in the South Island, and two members who are personally present at the meeting and who shall be appointed from the floor at the AGM.

Any member who is considering election to the board needs to be well prepared and have movers, proposers and seconders organised for the AGM. For more information please contact Christine Dodds, National Secretary Institute of Quarrying. chrisr@inet.net.nz.



IOQ AWARDS 2007:

Nominations are now invited for this year's awards to be announced at our annual conference to be held in Wellington in July.

Komatsu Award

The Komatsu award offers an annual award of \$5,000 to assist the recipient to further his or her knowledge within the quarry industry.

Niemac Award

The Niemac award considers Efficiency, Maintenance, Safety & Innovation for work method or innovative plant operation within the quarry industry. The recipient receives a working model jaw crusher.

CAT Award

The CAT award offers an annual award of \$3,500 to assist the recipient to further his or her knowledge within the quarry industry.

R.D. Hassed Memorial Award

This trophy is awarded to the most outstanding contributor to the IOQ during the current year. The recipient receives a mounted lime stone trophy.

Lynn Jordan Memorial Award

This trophy is awarded to an IOQ member for the presentation of a technical paper either at conference or during the year. The recipient receives a vintage exploder trophy.

Winstone Aggregates Ltd Safety Award

Your local Branch can make nominations for this award. The recipient receives a mounted crystal trophy.

AJ & RJ Loader Display Award

This award is presented annually for the best sponsor's display at conference.

B. R. Webster Educational Trust

The key criteria for this scholarship is to assist an individual to gain a qualification where he/she requires financial support to further their education within the Quarry Industry. Each year up to five scholarships will be provided in conjunction with our training provider EXITO.

If you require more information on any of the above awards or an application form - please contact Christine Dodds, National Secretary - chrisr@inet.net.nz or visit the IOQ website: www.ioqnz.co.nz.

If you do not have internet access please telephone.

Aggregate & Quarry Association Award

Mimico Environmental Excellence Award – Travel Grant

The Mimico award offers an annual award of \$5000 (travel grant) to assist the recipient to further his or her knowledge within the quarry industry. For more information on this award contact Roger Parton - Email: partonious@xtra.co.nz or visit the AQA website: www.aggregate.org.nz.



Australian 'QUARRY MAGAZINE'

The IoQ are looking at getting the Quarry Magazine to members at a discounted price. In order to obtain the discount an idea of numbers of those who would like to take up this offer is required to proceed.

For those who would be interested in receiving this magazine can you please contact Christine Dodds [email chrisr@inet.net.nz or by phone]. Thank you.

NOTICE:

Exito's Annual General Meeting will be held on the 11th April 2007 at the Grand Chancellor Hotel, 161 Cashel Street, Christchurch starting at 10.30 am. The Exito Board line up is as follows: Chairman, Bill Edie [Methanex], Steve Dohnt [AQA]; Ron Berry & Dixon Mclvor [Waste Management], Chris Jobson [Gas Sector], Brian Bouzaid [IoQ & Quarrying], Bruce Taylor [Fulton Hogan & AQA], and Ray Urquhart [Engineering Union].

NB: If anyone has proxy votes please send these either to the National Secretary or to Brian Bouzaid asap.

KEY LINKS

- IOQ:www.ioqnz.co.nz
- AQA:www.aqa.org.nz
- EXITO:www.exito.org.nz
- NZMIA:www.minerals.co.nz
- Fulton Hogan:www.fh.co.nz
- Road Metals:www.roadmetals.co.nz
- Australian Institute of Quarrying: ...www.quarry.com.au
- UK Institute of Quarrying:www.quarrying.org



NEW MEMBERS:

At the IoQ Executive Board meeting in February the following new members were approved:

Brian Docherty	Christchurch	Associate	Canterbury Branch
David Manuel	Christchurch	Associate	Canterbury Branch
Gregory J Larkin	Hastings	Associate	Waikato / Bay of Plenty Branch
Garth Dixon	Auckland	Associate	Auckland Branch
Bryce Tunnicliffe	Christchurch	Associate	Canterbury Branch
Hans Hollis	Hastings	Associate	Waikato / Bay of Plenty Branch
James P Boyce	Rotorua	Associate	Auckland Branch
Thomas A Clark	Christchurch	Associate	Canterbury Branch
Simon Hird	Napier	UK Transfer Member	Waikato / Bay of Plenty Branch
Michael Harris	Balclutha	Member	Otago / Southland Branch
Robin A Scott	Wellington	UK Transfer Member	Wellington Branch
Dean Sinton	Auckland	Associate	Auckland Branch
John W Dragovich	Auckland	Associate	Auckland Branch

CAMPAIGN BEGINS FOR CONCRETE ROADS

[THE DENVER BUSINESS JOURNAL - MARCH 22, 2007]

Supporters of concrete roads on Thursday launched a campaign asking for more of the same. They want drivers to contact elected officials and ask that the Denver area's winter-battered, potholed, asphalt roads be replaced with concrete.

The \$20,000 "No More Potholes" campaign includes a Web site (www.nomorepotholes.com), a billboard at 8500 E. Colfax Ave., and ads on 50 Regional Transportation District buses. People can use the Web site to send e-mail or letters to their elected officials, asking cities to look at fixing the roads for the long term with concrete versus short-term patches with asphalt.

"High oil prices have changed the economics of street paving," said Joe Rottman, an engineer with [Colorado Ready Mixed Concrete Association](http://www.coloradomixed.com), in a statement.

"Concrete is now price-competitive with other paving materials. Concrete streets are tough – concrete isn't affected by the freeze-thaw

cycle that tends to generate potholes in other paving materials. Concrete's extreme durability also saves taxpayers money and aggravation by eliminating cone zones for frequent street maintenance and by eliminating the need to spend taxpayer money to regularly repair and resurface the roads."

Rottman said concrete costs about \$31.50 per square yard for roads built 10 inches thick, the measurement that's used for heavily travelled commuter roads such as University Boulevard. Concrete roads also last three or four times longer than asphalt roads before needing to be resurfaced.

The Colorado Ready Mixed Concrete Association and the [Rocky Mountain Cement Council](http://www.rockymountaincement.com) back the campaign.

Sourced on internet from:
www.milwaukee.bizjournals.com/denver



Institute of Quarrying New Zealand Inc

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An opportunity is now available for Companies and Private Individuals to be able to provide financial support directly to IOQ NZ outside of any current sponsorship of the combined IOQ/AQA Annual Conference.

Based on “Friends of the IOQ NZ” format:

Financial Support Levels		
Platinum supporter	\$ 3000.00	per annum
Gold supporter	\$ 1500.00	per annum
Silver supporter	\$ 500.00	per annum
Bronze supporter	\$ 200.00	per annum

The New Zealand Quarrying and Aggregate Supply Industry as a whole produced around 50 million tonnes of sand & aggregate, building stone and limestone in the 2005-year with a total value of over \$560 million.

Our Industry employs around 4000 people and the Industry ITO, Exito, has approx 2,300 current trainees covering the wider extractive sector.

The Institute of Quarrying NZ Inc is made up of approx 400 members who are all part of, or have ties to the Quarrying Industry in New Zealand. Many of these members hold senior roles in most of the NZ Companies involved in the Quarrying and Sand and Aggregate Supply Industry. These members, who hold senior positions, have a very large input into where their Company money is spent, and which supplier is purchased from, and will be encouraged to take into account sponsorship given, and support shown, towards the IOQ NZ.

There is an opportunity for Companies and Private Individuals who currently supply our Industry to be able to lift their profile and ability to sell their products and to enhance the many long-term relationships that already exist between Industry Personnel and Suppliers.

Benefits for Platinum Supporters

- Access to the IOQ NZ Membership List.
- Supporter recognition on the IOQ Website.
- Supporter recognition in IOQ NZ Newsletters and at all IOQ Branch Meetings.
- Free advertising in the quarterly IOQ newsletter.
- Supporters Board on show at the Annual IOQ/AQA Conference held in July each year.
- Active encouragement from the IOQ Executive for Members to purchase from Platinum Level Supporters.

Benefits for Gold Supporters

- Supporter recognition on the IOQ Website.
- Supporter recognition in IOQ NZ Newsletters and at all IOQ Branch Meetings.
- Discounted advertising (50%) in the quarterly IOQ newsletter.
- Supporters Board on show at the Annual IOQ/AQA Conference held in July each year.
- Active encouragement from the IOQ Executive for Members to purchase from Gold Level Supporters.

Benefits for Silver Supporters

- Supporter recognition on the IOQ Website.
- Supporter recognition in IOQ NZ Newsletters and at local IOQ Branch Meetings.
- Discounted advertising (25%) in the quarterly IOQ newsletter.
- Supporters Board on show at the Annual IOQ/AQA Conference held in July each year.
- Active encouragement from the IOQ Executive for Members to purchase from Silver Level Supporters.

Benefits for Bronze Supporters

- Supporters Board on show at the Annual IOQ/AQA Conference held in July each year.
- Active encouragement from the IOQ Executive for Members to purchase from Bronze Level Supporters.

There are two options for payment of supporter funds:

Option One: As a direct donation to IOQ NZ that will not attract GST with the values listed above being the total donation value.

Option Two: As a sponsorship contribution to IOQ NZ which will attract GST thus the values listed above will then be plus GST.

Thank you for your support.