36th Annual British Columbia Mine Reclamation Symposium

Tentative Technical Program

Wednesday, September 19, 2012

7:55 am Opening Remarks

8:00 am Mines act permitting: update on government structure, roles, responsibilities and requirements, D. Howe, T. Demchuk, A. Rollo

8:30 am TSM in Action: The Mining Association of Canada’s “Towards Sustainable Mining” Initiative, B. Chalmers, E. Gardiner, J. Gelfand and T. Shea

9:00 am Teck’s Coal business unit applied research and development program – a watershed approach, J. Pumphrey and C. Qualizza

9:30 – 10:00 am Health Break

10:00 am A new paradigm for the restoration of drastically disturbed sites, D. Polster

10:30 am Developing a mine erosion and sedimentation control plan guidance document for exploration, construction, operation and closure, J. Clark, A. Gibson, J. Rex, A. Moody and J. Orban

11:00 am Invasive plants – impacts, pathways and vectors, and best practices, C. Hougen, S. Woods, J. McCaffrey and J. Romyn

12:00 am – 1:00 pm Sponsored Lunch

1:00 pm Samatosum – A review of two early acid drainage prevention approaches, A. Holmes, B. Hamblin, J. Hogarth, C. Ford, T. Anderson

1:30 pm The flooded tailings impoundment at the Equity Silver Mine, W. Price and M. Aziz

2:00 pm Protection of groundwater and surface water at a bulk explosives facility using calculated risk-based soil guidelines, D. Bright, L. Flemming and M. Choi

2:30 – 3:00 pm Health Break

3:00 pm Closure of the Lumby Quinto mine site, S. Ames

3:30 pm Site specific testing for sediment pond design at mine sites to lower the risk of exceeding discharge total suspended solids and turbidity, J. Clark

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Thursday, September 20, 2102

8:30 am  Enriching mine reclamation: highlights of the Brenda Mine biodiversity enhancement program, A. Peatt, A. Peatt, D. Poster, and D. Lister

9:00 am  Ecological effects of mine reclamation on grizzly bears, B. Cristescu, G. Stenhouse, M. Symbaluk and S. Boyce

9:30 – 10:00 am  Health Break

10:00 am  Carbon sink potential of biosolid reclaimed tailings, P. Antonelli, W. Gardner and J. Karakatsoulis

10:30 am  Effectiveness of soil amendments and revegetation treatments at Huckleberry Mine, Houston, British Columbia, A. Carson, M. Rutherford and P. Burton

11:00 am  Henretta Creek and Lake – a decade of reclamation monitoring, M. Polzin

11:30 am – 1:00 pm  No Host Lunch

1:00 pm  Biofuel crop production on biosolid-amended mine tailings at Highland Valley Copper, S. Crawford, W. Gardner and J. Karakatsoulis

1:30 pm  Multispectral mapping of vegetation changes in reclaimed area at Highland Valley between 2001 and 2011, M. Martinez, L. Brown, G. Borstad, J. Dickson and P. Martell

2:00 pm  Field protocol for assessing characteristic species thresholds in polygons on reclamation areas, V. Futoransky, R. Fuller and G. Donald

2:30 pm  Establishment of a trial to test direct seeding of lodgepole pine for reclamation on Gibraltar mine properties, British Columbia, B. Bravi and B. Chapman

3:30 pm  Closing Remarks

Please check the TRCR website for the registration form, periodic updates and contact information.

www.trcr.bc.ca

An ad hoc committee of representatives from British Columbia’s mining industry, government and universities, resolving environmental concerns since 1975.