GLOBAL ALLIANCE MEETING Summary Notes Tuesday November 30, 2010 Vancouver, BC Simultaneous Web-Cast Gilles Tremblay - Chair

Participants: Andrew Copeland (Anglo), Juan Carlos Salas (Antofagasta), Gustavo Possel (Antofagasta), Bill Upton (Barrick), Mei Lin Shelp (Barrick), Dan Ramey (FMI), Dean Williams (Kinross), Suzanne Davis-Hall (Newcastle), Bruce Kelley (Rio Tinto), Rich Borden (Rio Tinto), Lisa Lanteigne (Vale), Terry Chatwin (INAP), Andrea Chatwin (INAP), Charles Bucknam (ADTI), Elizabeth Gardiner (MEND), Charlene Hogan (MEND), Gilles Tremblay (MEND), Bill Price (MEND), Janice Zinck (MEND), Tom Claridge (ADTI), Christian Wolkersdorfer (IMWA, PADRE), David Blowes (Diavik Team, U of Waterloo), Leslie Smith (Diavik Team, U of British Columbia), Rich Amos (Diavik Team, U of Waterloo), Lianna Smith (Diavik), David Sego (Diavik Team, U of Alberta)

Participants via Web-cast: Linda Figueroa (ADTI, CSU), David Williams (ADTI, BLM), Kathy Smith (ADTI, USGS), Lena Alakangas (PADRE), Lars-Ake Lindahl (PADRE), Devin Castedyke (ADTI, SUNY-Oneonda), Emmon Johnson (SUNY-Oneonda), Paul Egar (ADTI, Minn. DEQ), Eric Perry (ADTI, OSM – Coal)

Presentation 1 – Pit Lakes Data Base – Devin Castedyke and Emmon Johnson (webcast)

- An overview of the Pit Lakes Data Base Project being developed in conjunction with the State University of New York Oneonda was presented
- Check out their web-site and give them feedback. pitlakedatabase.oneonta.edu

Presentation 2 – ITRC – Linda Figueroa and Paul Egar (web-cast)

• Check out the ITRC web-site for further information www.itrcweb.org/miningwaste-guidance

Item 3 Update on the OpCom Meeting – Terry Chatwin

- INAP will focus on updating and improving the GARD Guide during 2011.
- INAP will continue to fund ongoing research
- INAP funding for 2011 is directed to address gaps in the GARD Guide
- INAP Regional Workshop in spring of 2011 at Sudbury, Ontario mailings to be sent in January. Chair is Lisa Lanteigne, Vale.
- INAP spring OpCom will be in conjunction with the Sudbury workshop
- INAP is revisiting the strategic plan developed in 2008.
- INAP continues to seek like-minded companies for new membership.

• INAP contracted with EduMine to develop an online GARD Guide course which is now available. This enables practitioners in remote locations to utilize the GARD Guide.

Item 4 ICARD – Gilles Tremblay

- Plans are progressing for the 9th ICARD.
- Dates are May 21-26, 2012.
- The venue is the Westin Hotel in Ottawa, Canada.
- Elizabeth Gardiner is the conference Chair.
- Craig Ford and Gilles Tremblay are the technical co-chairs.
- The plan is to have a profit-making conference while keeping the registration fees reasonable.
- OpCom member Lisa Lanteigne of Vale is part of the planning committee.

Item 5 Diavik Update – David Blowes

• David Blowes, University of Waterloo, presented an update on the ongoing multi-year Diavik project. Involved in this project are the University of Waterloo, University of British Columbia, the University of Alberta, MEND and NSERC.

Item 6 GA Support for the GARD Guide Roll Out

- INAP expresses thanks and appreciation to the GA for their ongoing support of the GARD Guide.
- Over 20 GARD Guide presentations and Short Courses were presented world wide during 2010 involving Global Alliance members.
- 20 more GARD Guide activities involving GA members are anticipated during 2011.

Item 7 GA Reports

- MEND Gilles Tremblay Attached as an appendices
- ADTI Charles Bucknam and Eric Perry Attached as an appendices
- ACMER Attached as an appendices
- PADRE Christian Wolkersdorfer, Lars Ake-Lindahl
 - Interim Board set up in June 2010 in Germany
 - Study on Extractive Waste will soon be published focusing on characterization and includes European Standards
- WRC Andrew Copeland
 - Trying to educate regulators
 - 2 GARD Guide presentations during 2010 one specifically for regulators
 - Africa has a huge issue with waste water from old gold mines
- SANAP Gilles Tremblay
 - o Gilles met with several SANAP members during his recent trip to Chile
 - They are interested in translating the GARD Guide for a fee
 - \circ They are interested in hosting the 10th ICARD in 2015

- CNAMD -
 - $\circ~$ Organizing seminar for Dec. 2010 on AMD research, prevention and bioremediation
 - $\circ~$ Contact with Earth Systems Consulting which is partnering with INAP for an AMD workshop sometime in 2012
 - Proposed GARD Guide Short Course in conjunction with the 19th
 International Biohydrometallurgy Symposium Sept. 18-22, 2011
- INAD no report received

Item 8 Other Items

- Janice Zinck gave a brief overview of her presentation for the MEND the conference on treatment (chapter 7 of the GARD Guide).
- A BIG thank you to Charles Bucknam for the web-cast.
- We need to have more speakers for the phone next time to ensure that the sound is clear.