

Giant Mine Project Working Group
Meeting Minutes

June 28, 2013

10:00 AM – 1:00 PM

Waldron Building, 1st Floor Boardroom

Chair:

Jane Amphlett, AANDC

In Attendance:

Morag McPherson – DFO

Amy Sparks – EC

Dave Fox - EC

Kevin O'Reilly – Alternatives North

Eric Binion - NSMA

Todd Slack – YKDFN

Karin Kronstal - City of Yellowknife

Erika Nyssonen - GNWT

Aileen Stevens – GNWT

Belinda Campbell – PWGSC

Ajeev Ramnauth – AECOM

Aileen Raphael – AECOM

Brian McGee – Arcadis

Actions:

1. Team chart provided. It was noted that the engagement manager position was not reflected in the chart as it is currently vacant. There were questions on the various PWGSC positions regarding names and work packages and this information is to be provided. Jane noted that the Regional Director (currently acting by Adrian Paradis) is pending reclassification and once complete the staffing process will proceed.
2. Emergency planning. The Parsons website was shown which will host the webcam images, along with site photos and the emergency response plans. AANDC noted that the webcams are not streaming properly but once resolved the link will be widely distributed. It was noted by Alternatives North (AN) that that it needs to be stated clearly what the public communications will be with respect to emergencies.
3. Copy of Parsons presentation on roaster was provided to Kevin O'Reilly May 27, 2013.

4. Additional information on water treatment and adsorptive technologies used in the Yukon was still outstanding. This was provided by AANDC after the meeting in an email July 2, 2013.
5. Additional information on the experience of the roaster contractor to do the work was provided in an email from AANDC sent May 27, 2013 and in the AANDC response to the MVLWB on air monitoring provided May 21, 2013.

Minutes:

- 1.0 Ongoing discussion held on the format of the working group. The Project Team suggested having one Working Group rather than separating the Environmental Management System. It was noted that the closure planning activities (objectives, criteria etc.) would still occur as separate focused meetings as well as review of management plans and other areas of interest for the Parties. It was agreed that monthly meetings would occur the second Thursday of the month. Revised Terms of Reference (TOR) to be distributed by AANDC.
- 2.0 Brief update on site activities provided. Decontamination of roaster complex has started at flues and three other structures. Air monitoring programs fully operational.
- 3.0 Air Monitoring – presentations were made by Aileen Raphael (AECOM) and Brian Magee (Arcadis), copies are attached to the minutes.
 - 3.1 The roles and responsibilities of consultants and personnel carrying out the air monitoring programs was discussed. The Parties asked why there is not one company overseeing all of the air monitoring and reporting. The project responded that this is due the contracting relationships however this structure will be re-evaluated as necessary.
 - 3.2 AN expressed concern over not having publically available data from the fenceline program in real-time and that weekly availability wasn't sufficient to understand what was happening at site. AN was also concerned about the 'Giant mine stations' not being operational yet on the GNWT air quality website.
 - 3.2.1 GNWT stated that the website should be operational next week for live data from the community stations and that weekly pdf reports would be posted starting next week.
 - 3.2.2 Jane confirmed that AANDC is proceeding based on the reporting commitments made under the Water License however the air monitoring program will be continually evaluated, including the reporting, to ensure it is effective and meeting project goals.
 - 3.3 Parties noted they would like to see maps, photos and trigger levels reflected on the maps/figures and some sort of 'flowchart' noting the response actions/adaptive management.
 - 3.4 Environment Canada and AN expressed interest in having daily hi-vol data rather than the current every 3 days. It was noted by AECOM that the RBAL is the

primary management tool for the site, not the filter data, so 100% coverage of filter data isn't required (the RBAL is so conservative that daily monitoring isn't necessary). Also, more data won't necessarily provide a better correlation so it isn't required from that standpoint either.

- 3.5 EC noted that there are concerns around the delta upwind-downwind approach as presented for the fence line data management, and that it would be better to simply use the downwind data and compare that to the RBAL. This will be revisited by the project team and reflected in the final Air Quality Monitoring Program (AQMP) document.
- 3.6 AN inquired about higher concentration sources on-site than the surface dust used to calculate the RBAL, the presence of the houseboats at the marina that weren't accounted for in the RBAL, and long-term Yellowknifers' exposure to arsenic outside the timeframe of the remediation that wasn't accounted for in the RBAL. These concerns were responded to through the presentation by Arcadis on the Adaptive Management Approach, including the toxicological/exposure explanation of the RBAL.
- 3.7 AN inquired if speciation of As could help to determine the source of the As in the communities. Arcadis responded it could, however although it would be an interesting research topic, it would be expensive and wouldn't make the approach more conservative.
 - 3.7.1 A hard copy of the Lewis article on As speciation was provided by Arcadis to AN.
- 3.8 YKDFN asked if the GNWT was going to be inspecting and enforcing on the air quality component of the Giant project. GNWT advised that they do not issue any kind of permits and that the regulatory authority and inspection/enforcement is conducted through the MVLWB. In terms of Air Quality the GNWT is providing expertise, review and input throughout the development of the program, would be reviewing the monitoring data, posting the data on our website, and participating in the evolution of the AQMP. YKDFN noted the dual role of GNWT as regulator and project advisor on air and further noted that an oversight agreement for the project would help the parties on issues like this.
- 3.9 The AQMP for Giant will be re-evaluated and modified periodically and it was agreed that the Working Group should participate in this process.

4.0 Adjournment: 1:30 PM

Action items list: Responsible: Completed:

Provide organization structure to parties.	Jane	June 28, 2013
Emergency response plans – provide additional clarification on public communication	Jane	

Send copy of Parsons presentation on roaster to Kevin	Jane	May 27, 2013
Provide requested info on ion exchange by May 17	Jane	July 2, 2013
Provide additional information on experience of roaster air monitoring contractor.	Jane	May 27, 2013
Provide additional info on PWGSC and project managers responsible for work packages.	Jane / PWGSC	
Distribute Parsons link to webcam once IT issues resolved	Jane	
Distribute revised tour for combined Working Group	Jane	