

FOSTERVILLE GOLD MINE - ENVIRONMENTAL REVIEW COMMITTEE

10th May 2016 MINUTES

Tour Undertaken at 9.30am
Attendance: Morgan James Tim Harrington Jeff Cummins Lynley Strachan
Areas visited: Tour included gravity circuit and noise attenuation projects.

Meeting Opened at: 11:00am	Minutes by: Tegan Parsons
Attendance: Chairman : Cr Rod Campbell (COGB) Morgan James (COGB) Lynley Strachan (GMW) Nick Tuohey - EPA Jeff Cummins – Community Representative Tim Harrington – Community Representative Barrie Winzar – Community Representative Ian Holland – Fosterville Gold Mine (FGM) Felicia Binks – FGM Tegan Parsons – FGM Erin Simpson - FGM Joseph Hughes- FGM	Apologies Bob Disken (DEDJTR) Benny Asirvatham (DEDJTR) Alan Read Ashley Elliot Observers Brenda Carpenter

Meeting Commenced: Cr Rod Campbell commenced the meeting and welcomed everyone to the ERC Meeting. Cr Campbell welcomed the Community Representatives and reminded the meeting that representatives are volunteers who give their time to attend meetings and we appreciate their efforts.

Minutes of the Previous Meeting

Business arising from the Minutes: (Action Plan)

Felicia updated the meeting with the Action Items that have come from the previous meeting:
See attachment with further detail.

Information Update:

1: DEDJTR Survey concerning ERC's in Victoria. – Jeff Cummins

Jeff said that community members across all ERC's in Victoria have recently received advice from DEDJTR concerning ERC's options for reform and we have been asked to complete a survey. Jeff said that the Minister D'Ambrosio mentioned this survey in February when she was at Fosterville. Jeff feels that the survey needs to be expanded not just based on governance and conflict in resolution.

Jeff feels there are key issues that should be looked into further such as: The function, training for representatives, refresher courses, remuneration and information updates. Jeff would like a briefing from DEDJTR on this initiative, including background and timelines for this review.

Ian Holland noted that ERC's are live issues in the state and feels it's disappointing that the companies aren't asked to comment or put forward recommendations. Newmarket Gold's own company views on ERC's are that they are proactive and are a healthy regular process.

Felicia Binks said she would raise this at the MCA Meeting that is due to be held next week and that she is actually the Victorian chairperson of this committee. She will be able to give more feedback on this process at the next ERC Meeting.

Tim Harrington said that the biggest impact on this area is local councillors (COGB) wouldn't have a clue on what happens out here or even how big these operations are in this local area. Tim feels that COGB councillors need to be in attendance to get more knowledge about this operation.

2: New Mining Lease Application – Felicia Binks & Ian Holland

- FGM is currently applying for a new mining lease.
- The lease is adjacent to current MIN5404 and entirely within the Sugarloaf Reserve, which is owned by the Crown.
- The new mining lease is required to extend underground infrastructure so that we are able to access the underground resource within MIN5404.

Ian Holland explained that this new ML would only be underground infrastructure with no surface interaction at all required. It works off the Harrier Drill Drive which would give us an extension of Phoenix, this would include a haulage decline, with an expectation of firm conditions and would see depth of 800m – 1km but it needs to be on the separate mining lease.

Jeff asked what the timeline looks like on planning application, to which Felicia said at this stage it's in the process of being put together but we are unsure of how long the process would be. Jeff also noted that this was Crown and Parks land and would hope that the department would be the facilitator and suggested that the company speak to COGB for permits. Morgan James said she would find out more information for Felicia.

Ian Holland explained in terms of timelines Drilling would commence in June at the South end which takes 5 years to get to 1.4km underground.

Tim Harrington asked if a vent shaft would have to be installed into the new lease. Ian Holland confirmed it wouldn't need to and Felicia explained that at present any plans for additional vents required in future would be within the current mining lease.

Cr Rod Campbell asked that the company keep the ERC informed.

OPERATIONS REPORT

(As per Operations Report issued to members)

Safety:

As per the report:

- Minerals Council of Victoria, Mines Rescue Competition (being held at FGM)
- A contractor slipped and fell whilst getting off his trailer, resulting in a fractured leg.

Environment:

As per report and presentation:

Activities:

Discussion around two of the Activities for the Quarter:

- Pest programs continued throughout the quarter. Erin Simpson said it was a good season for foxes with no reports of any deceased non-target creatures.
- Mulch deliveries began in preparation for winter planting. Tim Harrington asked whether the operation have their own equipment onsite to undertake mulching when trees are felled. Ian Holland explained that an Employee had the equipment and will be contracted to complete the process.

Surface Water: Presented by Erin Simpson

FWR24 continued to have Arsenic levels above the ANZECC guideline trigger level (0.5mg/L) and was greater than one standard deviation of the historical mean in January (1.79mg/L) and March (1.35mg/L). FWR24 is located behind the main office area and receives runoff from the processing plant area. Its water level is currently very low. Jeff Cummins and Tim Harrington both questioned where the water overflows to and if it takes water from other places.

Erin Simpson said the water flows onto the dams along side McCormick's Waste Dump and then on to the Stand pipe dam which is managed well. The water also comes from the road and processing area. Tim Harrington said that dam had been here forever and would think it was the original farm dam.

Jeff Cummins suggested that as this dam is utilised as secondary containment for the processing plant area, it would be expected to have poorer water quality. Considering the water is contained onsite it would be appropriate to distinguish the difference between this dam and other runoff dams onsite, and not be too concerned when exceedances do occur.

Ground Water:

Tim Harrington asked if any other consultants had reviewed Coffey's reports in regards to the In pit tailings facilities. Felicia said that AGT consultants have recently been engaged to look into the results and will be running a new model. In the meantime Hunts pit will likely be terraced to allow more tailings to be deposited.

Dust Dispersion Study – Presentation by Erin Simpson

- ⦿ AECOM consultants were engaged by FGM in 2015 to undertake a Dust Dispersion Study to review the effectiveness of the existing monitoring locations.
- ⦿ Air dispersion modelling was undertaken using data from:
 - FGM's depositional dust monitoring and High Volume Air Sampler (HVAS)
 - Meteorological data from BoM
 - Mapped dust sources from site (e.g. Haul roads, vent shafts, exposed surface areas)
 - Ore and tailings composition
 - Emission factors used where onsite data unavailable
 - Dust suppression activities (e.g. water cart use, sprinklers etc.)

- Modelling program produced concentration contours, which shows the possible extent and concentration of dust plumes coming from the site.

Recommendations from Report:

- Install additional Depositional Dust Gauges to the north and east of site
- Decommission two of the southern gauges (FA6 and FA9)
- Decommission FA5 as it is too close to an unpaved road, but install a new site 500m to the north of this.
- Decommission FA4 and install a new gauge slightly more north of this to capture predicted higher deposition rates east of the mine
- Consider installation of a 'background' HVAS and meteorological station to the south of the mine site
- Consider installation of real time monitoring at current HVAS location

Questions:

Cr Rod Campbell asked how much say the regulator will have. Felicia said that the company would go straight to the regulator as per what the work plan states.

Tim Harrington questioned the location of the High Volume Air Sampler, as it is in a heavy treed area and thinks it would filter dust and wondered if it would be a true reading as the trees could be a shield.

Jeff Cummins said in relation to the closest receptor it's a health issue and thought it would be interesting to compare this at the [REDACTED] property and if it could monitor the finer particulates.

Jeff Cummins explained that he had reviewed the report and provided comments back to FGM. In his opinion, the report was not satisfactory due to the lack of baseline data, the use of predicted modelling vs monitoring data and felt the company should be more concerned with the predicted 3 x PM2.5 exceedances.

Jeff believed there needed to be real time monitoring data and in terms of health impacts, the company could have a problem. He felt that the report is just so different to what is actually going on and thinks the company should think about a way forward.

Erin Simpson said the modelling only interpreted what was potentially coming from the mine site, and did not include potential background data. Actual monitoring data does include background data, which goes some way in explaining the difference.

Nick Tuohey said he could not comment as he has yet to see the report but in terms of real time monitoring it's very common in operations across the region. It comes back to operations and their impacts to the broader community.

Ian Holland said the company will review the recommendations and feedback before undertaking any changes to future monitoring and reporting.

Noise Monitoring:

Joseph Hughes showed the meeting a piece of the material used for the noise containment curtain at the SAG gearbox, to which was noted and shown on the tour.

Exploration:

Ian Holland spoke on the three drilling programs and how Phoenix is continuing with no further surface drilling to the South as it now can be completed from underground. The other two programs see new mining between 9g/t – 12g/t with higher grades.

Rehabilitation Report

As per report:

Felicia Binks explained that they had been waiting for rain and had decided on the following areas to be worked on:

- BIFFN area – in June rehab work to commence, which would see the area be thinned out and turned into mulch material. Planting will be undertaken following these works.
- The vegetated areas next to the new road will have more infill planting undertaken.
- Two decommissioned surface drill sites on McCormick's road will be rehabilitated and;
- The top of McCormick's waste dump will have infill planting undertaken once the mulch that was delivered in January is spread out.

General Business/ Questions from the Gallery

Tim Harrington asked about in pit monitoring and if Johns Pit needs to be kept at a certain level. Joseph explained that it is a staging pit, always kept above or below and needs water to be added especially in summer.

Tim Harrington asked for North Road – Historical Tailings to be added as an agenda item.

- Can we do something with them?
- Could we cap and rehab the site?
- Improve the aesthetics of the area?

Ian Holland asked if he could catch up with Tim at a later time and that we need to be mindful of what we can do on Crown Land and also need to consider the risks of handling and potentially remobilising the sands that are likely to have high levels of arsenic.

Ian Holland noted that Tegan Parsons will be starting Maternity Leave in June and wished her well. He said Tegan's replacement Trudi Jackson will be starting in May and will be at the next meeting. Members of the meeting thanked Tegan for all her efforts.

Action Plan

No	Action	Responsibility	When
1	Catch up with Tim Harrington – North Road Historical Tailings	IH/FB	Before next meeting

Meeting Closed: 13:05pm

Next Meeting: Tuesday 2nd August 2016

Site Tour at 9.30am followed by the meeting at 11am