

# Hillside Mine Community Voice

## Public Information Meeting

Phil Tyler

HMCV Chair

October 4<sup>th</sup> 2016

# Meeting Agenda

- Welcome and acknowledgements
- Update on HMCV - Phil Tyler
- Update from Rex Minerals - Richard Laufmann
- Break for Supper
- Question and Answer session

# HMCV history

- Formed in 2015 as a representative group in response to the approval of Rex Minerals' mining lease at Hillside, 12 km south of Ardrossan;
- Made up of a broad cross-section of interested stakeholders who are keen to ensure open, accurate and transparent information is readily available to the wider community.

# HMCV's role

- To ensure there is an open and clear reciprocated communication channel between the community, the company and the regulators in order to maximise the benefits and minimise risks to the local community, the environment and agricultural land in the development and operation of the Hillside Mining Project.

# Chairman's role

- My role is to be an independent chair and facilitator;
- I have no vested interest in Rex Minerals or Yorke Peninsula as I don't own shares in Rex or own land on Yorke Peninsula;
- My role is to be completely impartial and ensure objectivity by HMCV on all issues, including the challenges and opportunities.

# How HMCV has organised itself

- Generally we have monthly meetings in Ardrossan to receive reports from HMCV's working groups, Rex and other guests as required;
- Active working groups are: Air Quality, Noise, Light and Blasting; Transport; Rehabilitation and End of Mine Life; Water Quality and Marine Environment; Agriculture and Farm Environment; Accommodation and Tourism; Communication.

# Background

- The Department of State Development (DSD) issued Rex Minerals Ltd with a mining lease for the Hillside Copper Mine in September 2014;
- The mining lease specifies conditions that Rex must adhere to during mining operations at Hillside;
- Prior to the commencement of operations at Hillside, the lease conditions are all required to be addressed in what is known as a Program for Environmental Protection and Rehabilitation (PEPR);

# Background (continued)

- Last year Rex Minerals announced a change in the project scope of the mine and as a result DSD has asked a number of questions about the consistency of the new approach with the project's original mining lease;
- The information provided by Rex is currently under consideration by DSD;
- Rex Minerals recently publicly released most of the documents containing the answers to DSD and they can be found on Rex's website.

# The Program for Environmental Protection and Rehabilitation (PEPR)

- The PEPR requires Rex Minerals to clearly demonstrate how they will meet the conditions of the mining lease;
- It must be developed in consultation with the local community, and once approved by State Government will be a publicly released operational plan for Rex Minerals;
- The PEPR must be reported on regularly and be a public document;
- Rex Minerals have until end of September 2017 to submit to DSD for approval.

# Working Groups' role

- HMCV has decided to use working groups to seek feedback on key areas of the PEPR which require community input;
- HMCV members have nominated for a working group based on their area of expertise or interest. Each group has an assigned HMCV leader;
- HMCV is seeking people from the local community to self-nominate to a working group;

# Working Groups' role (continued)

- The work of these groups will be used to influence key sections of the PEPR and supporting management plans; for example: environmental monitoring plans, closure plans local employment plan etc;
- The PEPR when approved will be a 'live' document that will evolve during the phases of the Hillside Copper Mine: construction, operations and closure;
- Some of these groups may continue to operate throughout the life of the mine to provide community feedback and input in environmental monitoring and performance (dust, noise, water), progressive rehabilitation (agricultural trials, native revegetation) and closure planning.

# Air Quality, Noise, Light and Blasting

## Leader Lauren Kakoschke

### **What we have done so far:**

- Met with DSD to go through some of the conditions relating to the group;
- Met with the Water, Agriculture and Rehabilitation working groups to discuss the conditions that relate to all of these groups.

### **Key Issues:**

- Location of dust deposition, emissions and noise monitors. Who provides these? Do we need our own?
- Differentiation between mine generated noise and non-mine generated noise;
- Contingency plans for local residents regarding noise and dust;
- Risk management regarding potential contamination – residents' health, water tanks, Gulf St Vincent, soils, crops, pastures, livestock, wool and hay.

# Air Quality, Noise, Light and Blasting (continued)

- Baseline management – independence and confidentiality;
- Recognition of independent testing results;
- Ongoing monitoring and reporting on dust and noise after commencement of operations;
- Compensation;
- Communication – eg How is some of this going to be communicated during operations? How are residents going to be notified of the blasting times? How will shut downs be communicated?

# Air Quality, Noise, Light and Blasting (continued)

## **Community Input – What can you do?**

- Would you like to join our group (or any of the groups) and have a say in the what, how and why?
- Do you have any ideas or suggestions where you would like dust deposition and emissions monitors to go?
- How would you like to see these being reported?

# Transport

## Leader Joanne Buchanan

- Discussions with transport industry and DPTI on the proposed infrastructure upgrade between Ardrossan and Port Wakefield, including the design of the proposed roundabouts; key things to be considered are truck manoeuvrability, bridge changes, merging lanes etc;
- Requested more information from Rex about the proposed Pine Point intersection (Minlaton/Curramulka) to ensure that visibility issues are addressed;
- Requested more information on plans where Davey Rd joins existing Curramulka Rd;
- Considering communication matters on road closures and opening.

# Rehabilitation and End of Mine

Leader Joy Wundersitz

## **Hillside Rehabilitation:**

How does the community want the Hillside mine site to be rehabilitated? For example:

- The open pit;
- The waste rock dumps;
- Visual amenity;
- Progressive rehabilitation;
- Restoration of cropping land;
- Monitoring/reporting systems to measure achievement of agreed goals;
- Community sign-off.

# Rehabilitation and End of Mine (continued)

## **Avoidance of contamination problems post-closure:**

- Operational strategies during mining phase;
- Monitoring/reporting systems during mine operation and post-closure – who is responsible, for how long etc;
- Contingency plans if contamination is detected – who is responsible for implementing/funding;
- Public liability post-closure – who is responsible, how much.

# Rehabilitation and End of Mine (continued)

## **Rehabilitation Bond:**

How to ensure the rehabilitation bond required by Government covers FULL costs in event of:

- incomplete/inadequate site rehabilitation;
- contamination issues during mine operation and post-closure.

# Water Quality

## Leader Stephen Lodge

- How to ensure no impact on groundwater;
- How to ensure no contamination from surface water runoff on surrounding farmland and local communities;
- Further base-line testing of marine environment to identify seasonal/annual variations;
- Requirements for monitoring/reporting of water impacts prior and during mining operations;
- Water tank testing: base-line monitoring requirements.

# Water Quality – Gulf St Vincent

## Leader Stephen Lodge

- How to ensure no negative impact on Gulf St Vincent from dust, groundwater seepage and surface water runoff;
- environment to identify seasonal and annual variations; The working group will be seeking expert advice and community input on these and other key water related issues.

# Agriculture and Farm Management

## Leader Stewart Lodge

Many of the matters overlap with other groups, but key issues are:

- What is the potential for crop contamination;
- The previous move to rezone land adjacent to the mining lease;
- What constraints (if any) on landholders in the mining lease;
- Nearby farmland values during and after mining operations;

# Agriculture and Farm Management (continued)

- Concerns over the effect of the pit and its water inflows between Mac's beach and Pt Vincent: no monitoring of any underground water outside of Hillside was conducted while the exploration bores were being pumped;
- What is the potential for ore from Rex's other prospective sites being processed at Hillside as well as toll treatment of ore from neighbouring companies. This includes ore transport routes, which is a concern of farmers;
- The group has raised questions over the construction of the Tailings Storage Dam (TSD) without poly lines in our delicate environment.

# Accommodation and Tourism

## Leader Peter Koulizos

- A key aim of this working group is to minimise the impact of an oversupply of housing post-mine closure;
- This leads to ensuring that no more land is rezoned Residential in Ardrossan as this could encourage an oversupply of new dwellings;
- Minimise the negative impact of an oversupply of housing that could remain in Ardrossan, once the mine operations cease;
- Make use of existing under-utilised accommodation such as vacant homes and explore the option of strategies such as boarding in homes with spare bedrooms and house/room sharing so as to minimise the demand for new housing;

# Accommodation and Tourism (continued)

- Minimise the negative impacts on tourism and tourism accommodation during the construction of the mine;
- Enhance the attraction of the mine to tourists during the operational phase through such initiatives as a viewing platform or interpretive centre.

# Communication

## Leader Tania Stock

- To ensure broad community involvement in the PEPR through the working groups, and through other communication avenues such as YPCT, resident and business associations;
- All minutes and documents are posted on Yorke Peninsula Council website: [yorke@sa.gov.au](mailto:yorke@sa.gov.au) and go to community services/Hillside Mine Community Voice;
- HMCV is currently undertaking a survey monkey until the end of October at <https://www.surveymonkey.com/r/ZM9LG79>

# Community Engagement Plan

- Rex Minerals is required to publish a Community Engagement Plan (CEP);
- The plan is a Rex Minerals document and is approved by the State Government;
- The document will continue to evolve as Rex Minerals moves through the various stages of the Hillside mine from approval, feasibility, construction, operation and mine closure;
- HMCV will continue to provide Rex Minerals advice on the CEP from time to time, however members of the Yorke Peninsula community are invited to provide feedback direct to the company on [community@rexminerals.com.au](mailto:community@rexminerals.com.au) or PO Box 3435 Rundle Mall, South Australia 5000;
- The document is on both Rex Minerals and HMCV websites.

# Other issues to be considered

- Rex Minerals will also be preparing a Social Management Plan (SMP);
- Key issues to be considered are:
  - Local employment;
  - Local procurement;
  - Community services, both government and non-government, including education and health services.

Thank you