

Agenda



Prepared for: Community Consultation Group Meeting
Location: Galaxy Exploration Office - Ravensthorpe
Date: 30th January 2020
Time: 08:00 AWST

Attendees		Apologies	
Ken Normal (KN)		Fiona Philson (FP)	
Graham Steel (GS) (Alternate for GP)		Gavin Pollock (GP)	
Pamela Makar (PM)		Kim Bennett (KB)	
Keith Muller (KM)		Geoff Fairhead (GF)	
Sue Leighton (SL)		Ian Dickinson (ID)	

Agenda Items		Responsible
1.	Welcome	Ken Norman (KN)
2.	Apologies	
3.	Declaration of conflict of Interest	
4.	Confirmation of the previous meeting minutes.	
5.	Action Items and Outcomes	
6.	Administrative Items	
7.	Community Engagement Activities	
8.	Other Business	
9.	Next Meeting	
10.	Close	

Minutes of Meeting



1. WELCOME

- Ken Norman (KN) opened the meeting.

2. APOLOGIES

- Fiona Philson (FP)
- Gavin Pollock (GP)
- Kim Bennett (KB)
- Geoff Fairhead (GF)
- Ian Dickinson (ID)

3. DECLARATION OF CONFLICT OF INTEREST

- No conflicts of interest were identified by CCG members.

4. CONFIRMATION OF THE PREVIOUS MEETING MINUTES

- Nov 2019 CCG meeting – All members confirmed previous meeting minutes.

Minutes of Meeting



5. ACTIONS ITEMS AND OUTCOMES

- Previous meeting actions that have been closed will remain on the below list for succeeding meeting before being removed.
- Actions below summarize commitments made during the meeting.

Date Raised	No.	Action required	Who	Date due	Action Outcomes
12/09/2019	41	Provide transitional material for RHS to fix up damage done to Hawkes Nest site and block tracks and as a base material for the new road access.	Galaxy	Closed 31/01/20	RHS will confirm when the material is required and contact Galaxy directly. Galaxy's assistance is only required for one day as all material will be tipped on this day for the road development work into Hawks Nest.
12/09/2019	43	Organise a meeting with key stakeholders (RAIN, SoR) regarding a discussion on Post Mining Land Use and rehabilitation of the waste dump and in pit TSF.	Galaxy	OPEN 12/03/20	Organise a community meeting for end of February/ Start of March.
14/011/2019	46	Provide a slope rehabilitation plan for the south face of the waste dump, this will include a timeframe of what is expected to occur and when.	Galaxy	Closed 31/01/20	Slope rehabilitation plan provided at the CCG meeting in January. Time frame will need to be completed once Lucas, new mining contractor, commences mining in March.
14/011/2019	47	Ecotoxicology Studies on Dust and Water (Prof Barry Noller)	Galaxy	Closed 31/01/20	Galaxy has contacted people to identify contractors able to complete study. Information will be provided upon finalization of report.
14/011/2019	48	Quarterly Environmental and Community Report	Galaxy	Closed 31/01/20	First copy completed- final review and then dispatch to community members will occur
14/011/2019	49	Notify property owners on the outcome of the housing inspections	Galaxy	Closed 18/12/19	Emails, containing reports were sent out on the 18 th of December to all participants. This matter has been closed out by Galaxy and no further statements will be made.
14/11/2019	50	Slashing of weeds along the road verges of the diversion.	SoR	Closed 31/01/20	Work request will be raised to ensure task is completed prior to the flower show
14/11/19	51	Organize school visit for Ravensthorpe school	Galaxy/ RDHS		Contact has been made to confirm if school visit is still required and timeframe this would be likely to occur.

Minutes of Meeting



Date Raised	No.	Action required	Who	Date due	Action Outcomes
30/01/20	52	Organise display cabinets to be made permanently available for flower show. (call ravi nickel and ACH to see if this can become a combined donation). Ideally 3 cabinets would be needed.	GXY	Sept 2020	
30/01/20	53	Distribute Blast Management Plan for community to view	GXY		
30/01/20	54	Organise mine site tour to coincide with flower show	GXY		
30/01/20	55	CCG members read through first edition of the 1/4ly report to give feed back	CCG Members		
30/01/20	56	RHS and SOR to confirm if they want Galaxy to carry out Phosphite injections to assist in combating likely effects of Ppseudocryptogea infection. These injections will not combat other ills such as age of the tree.	RHS/SOR		

6. ADMINISTRATIVE ITEMS

- CCG members can invest in GXY shares with no conflict of interest.

6.1 Galaxy Progress Report Dust monitoring results:

Dust monitoring:

New results for dust monitoring have been received for both the Dust Deposition Gauges (DDG's) and Hi Vol sampler.

DDG's- (measures deposited dust):

The dust deposition gauges allow Galaxy to assess potential dust nuisance and amenity impacts upon the local community. As there are no relevant regulatory criteria in Western Australia for acceptable dust deposition levels, the dust deposition criteria adopted by the NSW EPA (2017) have been applied as Galaxy's performance target. All results for the Community Dust Deposition Gauges, bar June and August 2019, have been below the standard 4 grams/m²/month (ash Content) and the overall monthly average remains below the performance target of 4 g/m²/month, see Figure 2. The control DDG (DDG20) has been included as a reference site, located 20km NE of the Mt Cattlin Mine Site in a farmer's paddock. DDG8 and DDG9 have been labeled to inform the community of what they are.

Community Monitors - Insoluble Matter g/m²/Month
by DDG No.

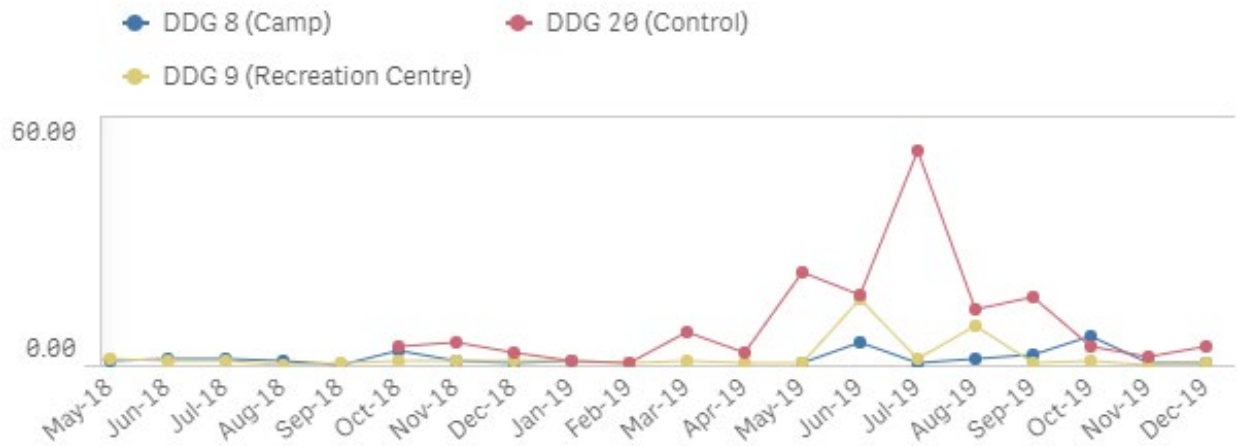


Figure 1: Insoluble matter is everything collected in the gauge (<1mm) that is retained on the filter as per AS3580.10.1 which is the Australian Standard the sampling and analysis is conducted to.

Insoluble matter deposited at the community monitors DDG8 and DDG9 and the control site DDG20.

Community Monitors - Ash Content g/m²/Month

by DDG No.

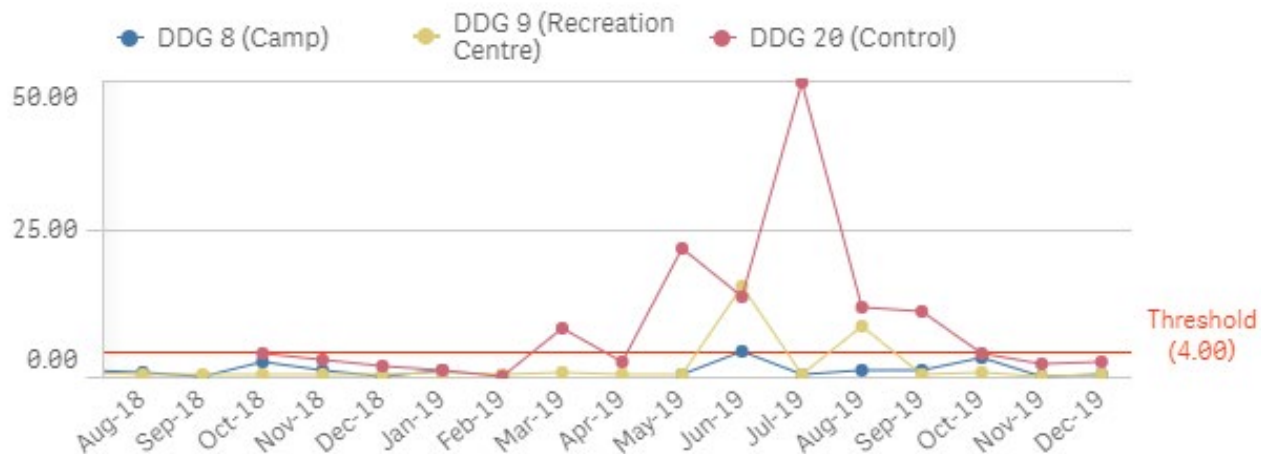


Figure 2 After the Insoluble result are obtained the filter is then ashed at 850 degrees and this produces the ash result. The ash result is essentially only the heavy mineral matter with any organic matter or volatiles reported as combustible.

The overall monthly average for both DDG8 and DDG9 is below the performance target of 4 g/m²/month.

The dates recorded on the horizontal axis indicate the month the sample was collected; results are calculated over the recorded sampling periods to give results in gm/m²/month. The control DDG (DDG20) has been included as a reference, however this DDG is located 20km NE of the Mt Cattlin Mine Site in a farmer's paddock. DDG20 has exceeded the performance target consistently throughout the reporting year, with no influence from Mt Cattlin mine.

Dust gauges are designed, positioned and monitored to ensure compliance with AS/NZ Standard, AS3580.

Hi Vol Sampler- (measures respirable dust)

The below graphs show assay results for the Hi Vol sampler for PM10 and selected metals. The Hi-Vol is set up at a residential house on Kingsmill St within Ravensthorpe townsite.

- PM10:

The Hi Vol sampling for PM10 allows Galaxy to assess the potential for adverse effects on human health in the local community from exposure to fine particulate matter. Galaxy uses nationally recognized ambient air quality standards for various common air pollutants, including PM10 as a trigger level. PM10 has remained below the threshold for the 24hr standard, see Figure 3.

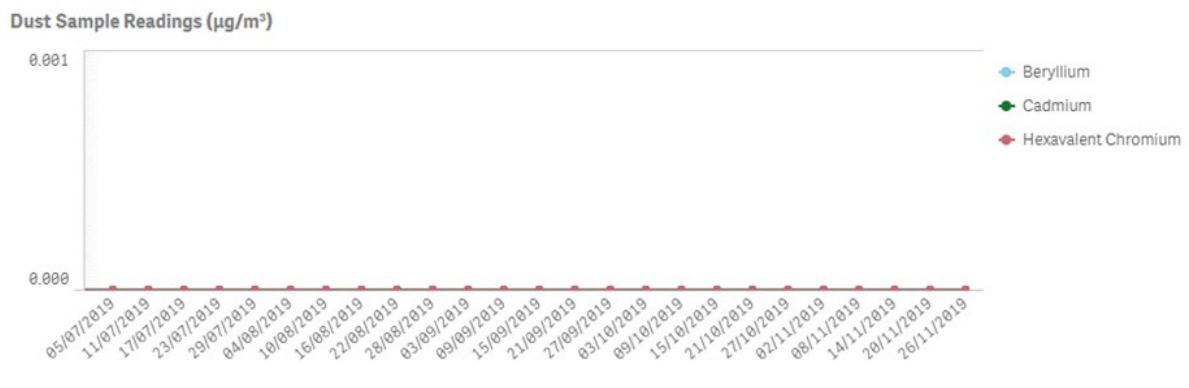


Figure 4 Hi-Vol sampling results for Beryllium, Cadmium and Hexavalent chromium (respirable dust). Where 0 is shown results are below the labs Limit of Reporting.

All recent monitoring results show that both Beryllium, Cadmium and Hexavalent Chromium remained below their trigger threshold of $0.000400 \mu\text{g}/\text{m}^2$, $0.0006 \mu\text{g}/\text{m}^2$ and $0.004 \mu\text{g}/\text{m}^2$ respectively.

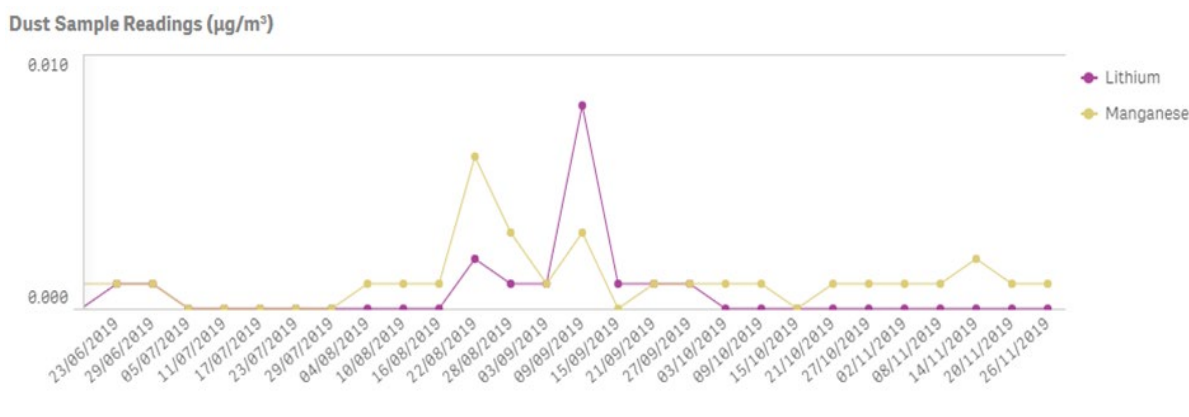


Figure 5 Hi-Vol sampling results for Lithium and Manganese (respirable dust). Where 0 is shown results are below the labs Limit of Reporting.

All monitoring results show that both Lithium and Manganese remain below the trigger threshold of $0.20 \mu\text{g}/\text{m}^2$ and $0.05 \mu\text{g}/\text{m}^2$, respectively.

7. COMMUNITY ENGAGEMENT ACTIVITIES

- Pitch your Project which was opened in December 2019 saw the submission of 12 proposals with a few more anticipated to arrive shortly. Received proposals are being reviewed and funding will commence shortly. Approximately \$140,000 will be rewarded between the proposals that improve the 'sustainability' of the local community.
- Galaxy assisted in the Gym upgrade by allocating both funding and labour. The gym was opened on the 24th January.
- Galaxy opened their doors to Denmark Agriculture School for a mine site visit in December. The visit was a success and they children found it very informative.
- Galaxy assisted in the Mt Short air stripe upgrade, making it usable. This will assist both those that are regular users and also allow an airstrip close to Ravensthorpe that can be used for emergencies.

- SL- Does the Flower show meet the Galaxy sustainability criteria.
 - o KM confirmed that the flower show is sustainable as it brings people from afar into the local community for the period it is held, increasing local revenue for the community. Galaxy will continue to support the show by allowing access to flights and the geology displays. We can also look into organizing the next Community Open Day to coincide with the flower show.
- KM- Galaxy's charter flights to be open for public service people on shire business, spare seats will be available for use.

7.1 Community issues Raised

- KM- With reduced mining and production Galaxy will be looking at all the leases held in town and a number of the house leases will not be renewed and may be transferred to Galaxy Contractors
- KM- The North west expansion is postponed for the short term with mining being concentrated in the North East and South East pit, whilst appeals are sought.

Christmas Shut Down and Recommencement into the New Year

- KM- The Christmas shut down was a welcome break by employees. On the 6th January the maintenance crew commenced work on infrastructure of the Optical Sorter. The Optical Sorter will improve the grade of the final product by being able to remove the darker waste product from the ore.
- KM- Galaxy are also reviewing contracts for load and haul to reduce our cost base. Lucas, an Adelaide based company, has won the contract over Piacentini. Decommissioning and commissioning activities are under way with mining to commence on the 1st of March. Drill and blast will remain the same with Dynamic drill and blast commencing on the 22nd February, reporting directly to Galaxy. The explosive contractor, a Perth base company, will also report directly to Galaxy. Renegotiation over the Rapid Crushing contract has occurred, as the optical sorter, expected to be completed on the 15th February, will make up part of the processing plant overseen by Rapid Crushing. Processing will commence on the 17th of February. **24-hour Operations**
- KM- The 24-hour operations is still going through the government approval process. When the 24-hour Operations is approved night shift will not occur until production ramps up. At this stage Galaxy have no plans to go into care and maintenance and look forward to a successful ramp up later in the year.

Dust

- KM- Galaxy have made changes to the blast management plan to ensure blasting in certain conditions. If blasting occurs in certain weather conditions false positive readings can occur. Wind speeds greater than 40 Km/hr can record results on the noise monitor greater than the limit of 115 dBL, creating a false positive as determination of what caused the exceedance cannot be determined.

If wind conditions are 20-40km/hr towards town blasting will not occur, unless approved by the Quarry Manager or /General Manager.

- Galaxy are still looking at ways to improve the dust from the ROM, traffic creates bull dust and this kicks up as visible dust when traffic enters the area. The amount of dust generated would be acceptable in other locations, but with Galaxy's close proximity to neighbours dust control needs to have better standards in place to prevent dust forming.

Rehabilitation of the Waste Rock Landform

A scope of work has been issued for rehabilitation of the waste rock landform and progressive rehabilitation of the southern face will continue once mining recommences. A community meeting is being organised for the start of March to discuss aspects of the rehabilitation, including species to use in the rehabilitation, trials being undertaken as well as allowing the community to provide knowledge of the preferred species to be used in the rehabilitation site.

House Inspections

House inspection reports have been distributed to all who had house inspections carried out.

Floater Road Diversion

- KN- Floater road was discussed in the last council meeting; no outcome was achieved for the preference of what would be the final Floater Road design.
 - o GS- There are differing opinions from the Ravensthorpe community relating to road vehicle standard required for the reinstatement of the original alignment of the of old Floater Road. Prior to any decisions being made, further Shire consultation with the North Ravensthorpe community will be required. No final decision and no work will be able to occur until this consultation occurs. Preferred outcomes will be discussed for both routes. Contractors will not be contacted until the preferred Floater Road RAV 7 route alignment can be resolved.
 - KN- Will the new alignment (Old Floater Rd) allow for road train access
 - KM The WRL has a lower section for the new road alignment to cut through, the 260 RL will decrease for the road intersection down to the 240 RL. This allows for a 1/20 slope which makes it accessible for road trains. The realignment and class of road will be determined from the shire community consultation.

8. OTHER BUSINESS

- None identified

Minutes of Meeting



9. NEXT MEETING

Meetings are scheduled to occur on the second Thursday of the month at 8am.

- The next scheduled meeting will be held on the 12th March 2020.

10. CLOSE

- Meeting closed @ 09:30 AM, 30/01/2020

Attachments:

- Memorandum: WRL rehabilitation,
- Blast management Plan.