

Mackay District Office

Queensland Government

Phone: (07) 4999 8512, Fax: (07) 4999 8519

Mine Name	Mine ID	Operator	Activity Type	Region	Activity Date
Grosvenor Coal Mine	M102976	Anglo Coal (Grosvenor Management) Pty Ltd	Investigation Continued	Central	31/08/2016



P.O. Box 1801, MACKAY QLD 4740

Vision: Our Industries Free of Safety and Health Incidents

Mine Record Entry

This report forms part of the Mine Record under s68 of the Coal Mining Safety and Health Act 1999. It must be placed in the Mine Record and displayed on Safety Notice Boards.

Note that inspection or audit activities conducted by the Mines Inspectorate are based upon sample techniques. It remains the primary responsibility of Mine Personnel to identify hazards, and risks associated with Operations and ensure those risks are at an acceptable level.

Today, at 8:30am, Wednesday 31 August 2016, I arrived at Grosvenor Mine to -

1.0) Continue a series of interviews that began yesterday, in connection with a roof fall incident.

The incident, MG102 C Heading Fall of Ground 18 -19c/t occurred 5 June 2016 and the details are contained in MRE dated 6 June 2016.

The Mine has subsequently provided a copy of their investigation as requested in the MRE which has prompted the need to conduct the interviews.

Nearly 3 months has elapsed since the Fall

What was in the Mine Investigation report that prompted the Inspectorate to conduct interviews?

The Investigation is supposed to be provided to Inspectorate within one month.

Why has it taken a further 2 months?

The following section 1.0 summarises the work in progress into the roof-fall MG102 C heading and lists further documentation received in relation to that matter. I am also giving further consideration regarding the wider implications from two later roof-falls

- MG LW 101 (9:30pm on 4/7/16) and,

- MG LWIOI Travel Road (7am on 20/8/16)

The latter two falls were reported on in separate MREs dated, Tuesday 5 July 2016 and Monday 22 August 2016 respectively.

2.0) Identify the work in progress to remove asbestos from the Mine site.

05/09/2016

Mine Record Entry

Page of 4

3.0) Clarify the health monitoring conducted associated with cavity fill/consolidation materials.

1 Investigation into Strata Control Failures

I was met again by Mr Matthew Norris (Human Resources Superintendent) and provided with facilities to conduct the interviews with staff members one of which was a joint interview involving three persons.

Assume that means a member of Mine Management who wanted a joint interview with three persons.

Does this 3 include Inspector Gouldstone, or has the Management Person have 2 other people present?

Does that mean they wanted Legal Representation?

I have still to discuss the matter with ERZ Controllers and crew members involved in the shifts previous to the roof-fall and will make arrangements with the Mine to do so.

Until I have done so I cannot complete my investigation and findings.

No indication when Inspector will conduct the Interviews with ERZC from previous shifts.

Did the Inspector ever Interview them and conclude his Investigation and findings?

1.2 Next moves regarding Strata Control failures at Grosvenor

- Conduct interviews with ERZ Controllers and crew members involved in the original roof-fall incident.
- Consult with DNRM experts on the findings so far, with particular input from geotechnical expertise.

Who is the Geotechnical Expert at the DNRME?

Do they have Coal Mining Competencies and demonstrable experience?

What is Inspector Goldstone's competencies regarding coal geotechnical and strata support?

- Read through the reports provided by Mr Foulstone on the matter, generated by impartial personnel with appropriate expertise. (ie Terry Medhurst - Principal Geotechnical Engineer PDR Engineers & Lesley Munsamy Lead Geotechnical Engineer - AAC)

Was Investigation report provided within 30 days as required?

How many Reports are there?

What is the content of Reports?

Why is Inspector so confident that Terry Medhurst and Lesley Munsamy are "Impartial Expert"?

Is he sure there are no previous or current contract arrangements with Anglo? ●

Provide feedback to the Mine regarding future strata control strategy at the Mine. I have suggested that the Mine should review and create a document/presentation which gives the experience so far gleaned regarding strata control and clear reasoning regarding strategy for the future in all aspects, life of mine, development in gates and mains, secondary support and support for longwall activity.

"Provide Feedback" means little to nothing under the CMA 1999.

Suggested "document/presentation which gives the experience so far gleaned regarding strata control"

Surely that it what a proper Investigation into 3 major roof falls now would do?

Workers were trapped at the face and were fortunate to be able to escape in the first one on the 6th of June.

What more does it take to force action on the Grosvenor SSE via Directives?

Other non-strata control items dealt with during the attendance at Mine.

2.0) Asbestos

I was informed by Mr Justin Joubert (HSE Manager), in attendance with Mr Wayne Bull (UMM) that mining at Grosvenor was causing subsidence damage to a water pipeline which was a conduit from Eungella Dam on a surface easement under BHP control. The work involved specialist contractors who were cutting up the old concrete conduit and disposing of it. The concrete contains asbestos material and the contractor is a specialist in the field.

I asked Mr Joubert to provide

- details of the work in progress
 - which of the parties were responsible for the correct management of the asbestos hazard
 - evidence of appropriate controls, licences, procedures

3) Health Monitoring Strata control materials

Wilson Mining Services provide cavity fill and reinforcement services for Grosvenor Mine. I had asked on a previous inspection for evidence of health monitoring for personnel who may be involved or affected by such products. It took nearly 2 months to provide evidence which was excessive. To resolve the situation a meeting was arranged to discuss the matter.

In attendance were Richard

Gouldstone

Wayne Bull

Justin Joubert

Mark Levey - CEO Wilson Mining Services

Matthew Williams - Operations Manager Wilson Mining Services

Mine site procedures must include for monitoring for health effects associated with Phenol and Creatinine. It was reported that only Wilson Mining Services(WMS) personnel deal with the materials in question as no Grosvenor personnel enter the Zone of Operation(ZOO). Should they do so then they too would need health surveillance. Mine records identify what products are used, where and in what quantities. That information with deployment records should establish who needs testing for Phenol and Creatinine and at what frequency.

The four reports of analysis provided do not give a quick and simple representation of the status of each person sampled and any trends that may be relevant.

WMS organise the sampling and analysis for the Mine and it is strongly suggested that the information is presented in a more user friendly form to allow speedier assimilation of information.

There was general agreement on the matter and it is left with the Mine and WMS to address the details in relation to -

- Establishing/reviewing a procedure explaining the use of such materials with attendant sampling regimes
- Consideration of the timing of sampling and provision of results
- Maintenance of records in association with location and usage of cavity fill/reinforcement
- Simplification of result data to show trending and exceedences
- Demonstration that persons who may be affected receive appropriate monitoring for occasional exposure

2 months is totally excessive. Should have been available to Inspector on site 2 months earlier or provided when samples were available. Also, results are obviously above mandated acceptable levels.

Breaking multiple parts of Act and Regulations

<https://www.wilsonmining.com.au/strata-consolidation/>

MONITORING AND TESTING

WM operates to an OHS Monitoring Plan that is reviewed annually to ensure workplace and health monitoring is effective and consistent with the latest technology, standards and methods available

Wilson's boast about their State of the Art Monitoring program.

If so, is getting results as hard at other Mines or is it just a Grosvenor problem?

Do other Mines also have problems with exposure of Workers?

Who Inspects the work area for Statutory Inspections?

What are the Exclusion Zones?

What makes Inspector so confident no workers are on the return side given they allow the Mine to have workers deployed in the returns every shift to do secondary support of the roadways?

4.0 Close-out Meeting

I had consulted on several occasions during the day principally with Mr Foulstone and Mr Bull.

I had received full cooperation throughout and ask that the Mine respond promptly with the request for information contained in this MRE .

Inspector congratulates them, when for once the Mine and Officials actually cooperated as they are required to do under the Act. Why?

FALL INVESTIGATION from 6/6/2016 CONTINUES with no end in sight.

2 major falls since will be considered when the DNRME concludes Investigation from 5th June.

The investigation into the roof-fall in MG 102 C Heading will continue, and the latter two falls will be given further consideration in the light of the conclusions from that investigation.

1) Nearly 3 months has elapsed since the Fall

What was in the Mine Investigation report that prompted the Inspectorate to conduct interviews?

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Why has it taken a further 2 months?

2) Assume that means a member of Mine Management who wanted a joint interview with three persons.

Does this 3 include Inspector Gouldstone, or has the Management Person have 2 other people present?

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3) No indication when Inspector will conduct the Interviews with ERZC from previous shifts.

Did the Inspector ever Interview them and conclude his Investigation and findings?

4) Who is the Geotechnical Expert at the DNRME?

Do they have Coal Mining Competencies and demonstrable experience?

What is Inspector Goldstone's competencies regarding coal geotechnical and strata support?

5) Was Investigation report provided within 30 days as required?

How many Reports are there?

What is the content of Reports?

Why is Inspector so confident that Terry Medhurst is an "Impartial Expert". Is he sure there are no previous or current contract arrangements with Anglo?

6) "Provide Feedback" means little to nothing under the CMA 1999.

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Richard Gouldstone
Inspector of Mines
Central Region