**MINES INSPECTORS AND GROSVENOR SENIOR MANAGEMENT**

**09th February 2016 Grosvenor Methane HPI MRE MG 101 C heading HPI**

DNRME

Richard Gouldstone 09/02/16, 10/02/16, 11/02/16, 01/04/16, 06/06/16, 07/06/16, 05/07/16

Shaun Dobson 09/02/16, 10/02/16, 11/02/16, 01/04/16, 13/06/16, 15/12/16

Paul Brown 01/04/16, 05/07/16

Keith Brennan 07/04/16, 15/12/16

Fritz Djukic, 11/02/16, 13/06/16

Noel Towers 06/06/16

Paul Sullivan (Elec) 08/03/16

GROSVENOR

Mr Glen Britton (Executive Head of Underground Operations). 22/08/16

Mr Adam Garde, 15/12/16

Mr Adam Foulstone (SSE) 09/02/16, 10/02/16, 11/02/16, 07/04/16, 06/06/16, 13/06/16

Mr Wayne Bull UMM 09/02/16, 10/02/16, 11/02/16, 01/04/16, 07/04/16, 06/06/16, 07/06/16, 15/12/16

Mr Brad Watson (Operations Manager) 09/02/16, 10/02/16, 11/02/16

Mr Tim Reeves (Production Manager) 05/07/16, 15/12/16

Mr Michael Webber (Ventilation Officer) 15/12/16

Mr Mark Bobeldyk (Ventilation Superintendent/Officer) 09/02/16, 10/02/16, 11/02/16

Mr David Thomasson (TSM) 09/02/16, 10/02/16, 01/04/16, 05/07/16

Mr Malcolm Smyth (Technical Services Superintendent) 06/06/16, 07/06/16

Mr Scott Barker Operations Support Superintendent 11/02/16, 01/0416

Mr Wayne Pate Longwall Superintendent 01/04/16, 05/07/16

Mr Paul Buddery (AAMC Principal Underground Geotechnical Engineer) 06/06/16, 07/06/16

Mr Joe Wills (Acting Development Superintendent), 06/06/16

Mr Justin Joubert (SHE Manager) 06/06/16, 05/07/16

Mr David Lawrence (SHE Manager) 15/12/16

Mr Neal Bryan (Shift Undermanager) 05/07/16

Mr Stuart Sulter (Compliance Superintendent) 05/07/16

Mr Stephen Livingstone-Blevins (Outbye Superintendent) 08/09/16

Mr Lyle Bridgeman Electrical Engineering Manager (EEM) 08/03/16

**TRAINING**

**15th DECEMBER 2016 METHANE and HPI’s Dobson and Brennan**

*1.6.2 Mains*

*Development had recently recommenced in the Mains section of the mine after a recent Jiffy conveyor extension in 'C' heading. The travelling surfaces from 19 c/t in 'B' heading needed improving, and this was to be actioned. Mining was being undertaken in 'E' heading with an ED 25 Continuous miner driving from 21 c/t to 23 c/t. One car had been cut when we went to the miner however no further mining took place as the ventilation ducting required to be extended. I spoke to the coal mine workers involved in these activities, and was aware that one of these was a clean skin labour hire employee. The cleanskin explained what his requirements were for him being managed through this process.*

*The ERZ Controller was conducting his inspection and we then discussed the cable management standards in this panel as the protection on the wheeling corners was not to the same standard as in the MG102 district. It was evident that the mine did not have a documented standard for this. An SCP was to be issued to ensure these standards are documented and applied consistently.*

**Mains**

**Travel road needs grading from 19c/t.**

**Another Bull Commitment “to fix it.**

**Cleanskin labour hire employee at face.**

**1 car cut then had to advance vent ducting.**

**Cable protection wheeling roads and corners not adequate, not as high as MG102.**

**MANAGEMENT COMMITMENTS**

**10th February 2016**

**2.4 Close out meeting**

*We discussed the findings of the inspection and investigation with the following matters requiring further action:*

*A recommendation was made to implement a change to the strata defect reporting books to include serial numbers to the report book pages. This would then require the ERZ Controllers to reference this serial number in their statutory report when report defects. Mr Bull concurred with this.*

**WAYNE BULL UMM CONCURRED WITH IMPLEMENTING CHANGE TO STRATA DEFECT REPORTING. NO TIME FRAMES MENTIONED.**

**WAS THIS ACTION FOLLOWED UP BY WAYNE BULL OR THE DNRME?**

**7th April 2016 Meyco MP 367 (Foam) and Meyco 364 (Injectable) Brennan**

*Close Out Meeting:-*

*A close out meeting was held with UMM Wayne Bull we discussed the following:-*

 *Sign off of Statutory reports recognising the information requested by Statutory Report Rules - T.A.R.P*

*ERZC Statutory Reports not properly recording TARPS for roof support (again)*

 *Development support plans. UMM Wayne Bull had identified the use of T.A.R.P.s being used for the managers support requirements. The Managers Support Plans provide direction for roof support, T.A.R.P.s are the reactive additional requirements for strata conditions.*

**Wayne Bull has identified an Issue with use of TARPS and Managers support rules.**

**What if anything did he ever do about it?**

**15th DECEMBER 2016 METHANE and HPI’s Dobson and Brennan**

*The 12CM12 Continuous miner was between 27c/t and 26 c/t in TG102. No activities were being undertaken here. Rib conditions were poor on the right hand rib but were being controlled adequately. The Methanometer on the CM displayed 0.37%. Cable management was acceptable. I noted that no tail sprays were installed on the tail of the miner to suppress any dust from the delivery from the centre chain to the car. This had been identified as a key dust suppression control in the development of the recent Recognised Standard for dust control. Mr Bull committed to investigate this.*

**No tail water dust suppression sprays on 12CM Miner.**

 **Another BULL Commitment**

*The bootend of the Jiffy conveyor extension in 'C' heading was examined where good housekeeping was evident and gas monitoring was compliant. The next cut through outbye of this being 20 c/t had a loose bag and pogo separation stopping. These were also evident outbye to 17 c/t. We discussed the standard of temporary segregation stoppings as these were very poor. Mr Bull committed to immediately have a standard documented and replace these to that standard.*

*All segregation stoppings 17 to 20c/t all temporary bag stoppings very poor standard, brattice pogo* **sticks.**

**Bull promised to implement a standard immediately**

**Complete failure of segregation.**

**No alternative intake uncontaminated by Outbye fire etc**

**Should reflect Reg 350 no more than 2 even though Segregation not ventilation intake return**

**ELECTRICAL**

**8th MARCH 2016 Electrical Inspection**

**DNRME**

**Inspector Paul Sullivan**

**GROSVENOR**

**Electrical Engineering Manager (EEM) Mr Lyle Bridgeman**

**Electrical Reporting Structure**

**“Not robust”.**

**No shift sign off?**

**Against the Act and Regulations?**

**Also, another Contractor Management Failure.**

**CRO**

**Not as familiar as stated about methane detector in bypass. 30-minute alarm for detector in bypass**

**Review and improve the process of equipment being signed in and out of the mine by both the person taking it underground and by the CRO.**

 **Uncertified Portable Electrical Equipment system and paperwork not filled out or signed off correctly**

**Recommendation (Little or No Legal Standing).**

**Pit Bottom substation (1st Installed).**

**Problem since Commissioning about possible not isolating of 110 v control in panel. Temporary laminated information sign. Again something planned for Grosvenor (1 month).**

**Carbon copy high voltage documentation suggested only**

**AS/NZS 2290.3 Electrical equipment for coal mines- Maintenance and overhaul/Part 3 Maintenance of gas detecting and monitoring equipment**

 **Opportunity for Improvement or Non-compliance?**

**Electrician work orders.**

 **Inspector only asks does not check system or documents by entry. Is this acceptable post Grasstree Paul McGuire fatality.**

**Trailing Cables**

**Using 25mm trailing cables instead of industry standard 35mm. EEM unable to say whether electrical protection system for fault load have been set correctly**

**Variable Voltage Variable Frequency (VVVF) shuttle cars and the controls that mines are installing to reduce the electrical hazard for their use.**

**VVVF electrical checks and power training for Electricians needed.**

***ADMINISTRATION***

***Electrical Incidents on Grosvenor.***

**There is no Incident Investigation reports for 3 of the 7 incidents**

 **Series of HPI’s for Paquin electrical plugs. Safety Alert by Department**

*1 Cable Management in Development Panels NIA*

*That the mine considers the management practice of ERZ Controllers signing-off on the panels cable management.*

*2 UPEE Management NIA*

*The mine is to review and improve the process of equipment being signed in and out of the underground by both the person taking it and by the CRO.*

**Two recommendations (No or Little Legal Standing).**

**Cable Management in Development Panels**

**Uncertified Portable Electrical Equipment review failed process.**

**No action dates because no legal standing.**

**Was it ever followed up?**

**15th DECEMBER 2016 METHANE and HPI’s Dobson and Brennan**

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