

Cooney, Joanne

From: Maunder, Elysse
Sent: Tuesday, 30 July 2019 4:29 PM
To: Grosvenor Mine Record
Subject: FW: Completed Mining incident report No. 142508 (30 - High potential no lost time [nmsf: 35])

Categories: Red Category

Please add to the mine record

Elysse Maunder
 Health and Safety Coordinator



E [elysse.maunder](mailto:elysse.maunder@angloamerican.com.au)

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M +

COAL

GROSVENOR MINE

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Australia

www.angloamerican.com.au

A member of the Anglo American plc group

From: MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>
Sent: Tuesday, 30 July 2019 4:28 PM
To: MIRAdministration@dnrme.qld.gov.au; mirmackay@dnrm.qld.gov.au; Maunder, Elysse <Elysse.Maunder@angloamerican.com.au>
Subject: Completed Mining incident report No. 142508 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 142508

Recipients: [elysse.maunder](mailto:elysse.maunder@angloamerican.com.au) and MIRAdministration@dnrme.qld.gov.au

1 **Incident type:** 30 - High potential no lost time [nmsf: 35]

2 **Summary/title of incident**

LW103TG CH4 Exceedance 2:36PM - 02 July 2019

Incident Classification:

Code: 114 - Presence of gas [nmsf: 3827]

Breakdown:

Code: Other and unspecified agencies [nmsf: 2844]

Sub-Breakdown:

Code: Other and not specified agencies [nmsf: 2890]

Breakdown Class:

Code: Other agencies, not elsewhere classified [nmsf: 3188]

Detailed Classification:

Code: Other agencies, not elsewhere classified [nmsf: 3766]

Compensation ID: 999999

Mechanism: Code: Chemicals and other substances [nmsf: 2790]

Sub-Mechanism: Code: Other and unspecified contact with chemical or substance [nmsf: 2825]

3 **Previously notified:** Yes

Date: 02/07/2019

Mine details

4 **Mine/quarry name** Grosvenor Coal Mine **Code:** M02976 **Old Code:**

5 **Mine type:** coalUnderground

6 **Company contact:** Kate Bachmann
Phone: [REDACTED]

7 **Where in the mine did the incident occur?** LW103 **Code:** 503 - Coal face-2nd workings [nmsf: 27]
Surface or underground? underground

Incident details

8 **Date of incident:** 02/07/2019

9 **Time of incident:** 14 36 (24 hr clock)

10 **Time shift started:** 09 30
Shift duration: 12 00
No. of complete shifts/day worked prior to accident: 3
No. of days in shift cycle: 14
No. of days rostered off prior to starting current shift cycle: 7
Total hrs worked in 24 hr period prior to accident, inc travel time: 12
Travel Time: 00 00
Rostered Travel Time: 00 00
Roster Pattern: 7/7

11 **Date of first full working day lost:**

12 **Primary equipment/tool involved in incident:** Shearer **Code:** 111 - Longwall shearer [nmsf: 3881]

13 **Describe exactly how did the incident occur:**
The LW103 Shearer was cutting from MG to TG when the shearer was paused at shield #115 by the automated CH4 control system for a period of 2 hours and 10 minutes (12:03 – 14:13). At 14:17 the shearer recommenced mining towards the tailgate when the general body TARP control of >2.20% CH4 Shearer haulage stop activated at #139 roof support. At 2:27pm, shearer was still stopped at shield #139 when the Inbye TG CH4 sensor reached 2.36% CH4. At 2:36pm, outbye sensor peaked at 2.52% CH4.

14 **What hazards have been identified from this incident:**
Elevated methane

Code: 112 - Flammable liquids/gases

Injured person details

15-21 **Questions 15 through 22 not required for 'High potential no lost time' incidents**

23 **Description of personal damage:**

Is this a permanent incapacity?

Incident causes

24 What happened leading up to the injury/incident/disease?

Organisational

Gas make (SGE) greater than expected in excess of system capacity Less than adequate methane recovery / dilution Pressure difference across the goaf is at the lowest at the TG corner

Codes 120 - Org. factor (not specified)

Task/environment conditions

Citect control system allowed shearer to enter #115 to Tailgate when CH4 levels not conservative enough to prevent HPI

Codes 321 - Other task/environment factor

Individual/team actions

Nil

Codes 222 - No ind./team factor involved

Absent or failed defences

Nil

Codes 422 - No absent/failed defence factor involved

Preventative action

25 Give details of any control measures/actions being considered and/or implemented to prevent recurrences

Develop a plan to increase goaf drainage capacity for peak SGE areas of Grosvenor to reduce tailgate methane concentrations to meet business plan productivity targets. Review shearer stop position in Tailgate from #115 towards the Maingate to reduce the effect of the shearer flushing gas into the mine general body atmosphere when stopped during periods of low barometer. Complete ventilation change(s) to reverse TG101 perimeter road as per IMT direction.

Date: 30/07/2019

Your full name: Elysse Maunder

Position: H&S Coordinator

Email: elysse.maunder@...

Office use

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Inspector/inspection officer: _____

Signed: _____

Entered by: _____

User agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/75.0.3770.142 Safari/537.36

Email address: elysse.maunder [REDACTED]

Submitted Date/Time: 30/07/2019 16:03:25

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