

Cooney, Joanne

From: Penrose, Alisha
Sent: Wednesday, 15 April 2020 11:55 AM
To: Grosvenor Mine Record
Subject: FW: Completed Mining incident report No. 144514 (30 - High potential no lost time [nmsf: 35])
Categories: Red Category

For saving to mine record.

Thanks Jo!

Regards

Alisha Penrose, alisha.penrose@dnrm.qld.gov.au M + [REDACTED]

From: MIRAdministration@dnrme.qld.gov.au <MIRAdministration@dnrme.qld.gov.au>
Sent: Wednesday, April 15, 2020 11:40 AM
To: MIRAdministration@dnrme.qld.gov.au; mirmackay@dnrm.qld.gov.au; Penrose, Alisha <Alisha.Penrose@dnrm.qld.gov.au>
Subject: Completed Mining incident report No. 144514 (30 - High potential no lost time [nmsf: 35])

This message originated outside Anglo American

Type of incident

Incident report number: 144514

Recipients: alisha.penrose@dnrm.qld.gov.au and MIRAdministration@dnrme.qld.gov.au

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

2 **Summary/title of incident**

CH4 exceedance LW104

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: Heat, electricity and other environmental factors [nmsf: 2789]

Sub-Mechanism:

Code: Exposure to other and unspecified environmental factors [nmsf: 2821]

3 **Previously notified:** Yes

Date: 20/03/2020

Mine details

- 4 Mine/quarry name Grosvenor Coal Mine Code: M02976 Old Code:
- 5 Mine type: coalUnderground
- 6 Company contact: Wouter Niehaus
Phone: [REDACTED]
- 7 Where in the mine did the incident occur? LW104 TG Code: 503 - Coal face-2nd workings [nmsf: 27]
Surface or underground? underground

Incident details

- 8 Date of incident: 22/03/2020
- 9 Time of incident: 10 22 (24 hr clock)
- 10 Time shift started: 06 00
Shift duration: 12 00
No. of complete shifts/day worked prior to accident: 6
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 15
Roster Pattern: 7/7
- 11 Date of first full working day lost:
- 12 Primary equipment/tool involved in incident: Gas plant Code: 369 - Other fixed plant [nmsf: 3935]
- 13 Describe exactly how did the incident occur:
22/03/2020 10:22 Whilst the shearer was parked up at shield #115 due to tailgate gas above 1.25%, (calculated reduced number due to tailgate variation calculation). Shearer stopped from 09:41am LW104 TG IB #38 sensor peaked at 2.54%. Undermanager informed that maintenance at the gas plant was occurring with an O2 calibration at time of incident causing the gas plant to trip. The gas plant trip resulted in decreased flow from GR04V002A and subsequently an increase in methane @ LW104 TG IB #38 sensor. The seamgas crew had recognised the O2 sensor calibration had potential to trip the GDP and had engaged PCS to bridge the O2 sensor trip whilst calibrating. The bridge failed causing the plant to trip, on restart of the plant it tripped again on low inlet pressure. The GDP was offline for approx. 30 minutes Note: VIS skid also running as dual skid set up but has no real time monitoring equipment. GMS11 GR04V002A @ 09:51 Differential pressure @ 7.4Kpa with flow @ 1530l/s just prior to the Gas Drainage Plant trip resulting in +1500l/s reporting to LW104 TG IB #38 sensor.
- 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?

<p>Organisational</p> <p>P seam gas drainage not completed to proposed strategy to allow LW104 unconstrained production from gas delays. Lateral hole drilling experiencing numerous delays when drilling through fault planes.</p>	<p>Codes 121 - Other org. factor</p>
<p>Task/environment conditions</p> <p>P seam gas drainage not completed to proposed strategy to allow LW104 unconstrained production from gas delays. Lateral hole drilling experiencing numerous delays when drilling through fault planes.</p>	<p>Codes 321 - Other task/environment factor</p>
<p>Individual/team actions</p> <p>Nil</p>	<p>Codes 222 - No ind./team factor involved</p>
<p>Absent or failed defences</p> <p>Nil</p>	<p>Codes 422 - No absent/failed defence factor involved</p>

Preventative action

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

P seam drainage strategy for each LW block to design & complete prior to LW production phase. Investigate Citect alarm & messaging system failure and implement controls to prevent a re-occurrence. Document the IMT process currently used onsite for acknowledgement of action allocation & understanding. Investigate modifications to the goaf skid flame arrestor to allow the current fleet to be maintained whilst remaining in service. Ventilation network for LW tailgates to assess for risk of failure when using dual return roadways. Amend the gas drainage TARP to add guidance for high flow goaf hole maintenance practices.

Date: 15/04/2020

Your full name: Alisha Penrose

Position: Health & Safety Officer

Email: alisha.penrose@...

Office use

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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/80.0.3987.163 Safari/537.36

Email address: alisha.penrose@ [REDACTED]

Submitted Date/Time: 15/04/2020 11:13:29

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