



Queensland Government

Incident Notification

(Mines Inspectorate)

Mine Name	Grosvenor Coal Mine
Operator Name	Anglo Coal (Grosvenor Management) Pty Ltd
Mine Type	Coal Mine - Underground
Mine Region	Central Region
Mine Office	Mackay Office
Mine File No	1

NOTIFICATION DETAILS

Notifier's Name	Wouter Niehaus
Notifier's Position/Title	UMM
Notifier's Contact Number	██████████
Notification Received on	23/07/2019 at 05:07 PM
Notification Received By	Paul Brown
Entered By	Paul Brown on 24/07/2019

INCIDENT DETAILS

Incident Date & Time	23/07/2019 03:44 PM
Location (Section/area)	LW 103TG & return
Equipment Involved	Longwall
Concise Description	Methane Exceedance - While Cutting TG to MG in Uni-Di, a cavity formed on the LW face from roof support #44 to #27. The resulting rock rilling in over face restricting ventilation on face pushing ventilation into goaf and causing a methane spike in the TG roadway. At 3.44pm inbye sensor reached a peak of 2.54 % CH ₄ and the outbye sensor at 3.52pm reached a peak of 2.71% Ch ₄ .
Other details	<p>Citect screen shot on Form 1A.</p> <p>The ventilation across the LW face at the time of the event was 64m³/s. The LW was on planned maintenance for 6 hours prior and on the second shear for the shift when the incident occurred.</p> <p>LW Producing in Uni-Di to reduce impact of gas production when shearer was cutting towards the TG</p> <p>Gas Drainage system has been operating at peak capacity with all goaf drainage holes producing gas as planned.</p> <p>Additional exploration and gas reservoir modeling to be completed to better understand the current gas make.</p>
Incident Classification	Other
Other Inspectorates to be notified	

INJURIES

Injuries - Person(s) Involved 0

FATALITIES

Fatalities - Person(s) Involved 0

RESPONSE

Actions Taken By Mine / Operator

Longwall stood at time of call waiting to reduce ch₄ below 2.00%. Will deal with cavity spall when power back

on.

Instructions or advice given to Mine / Operation

Discussed goaf gas drainage at time of incident, was in excess of 5000lt/sec. Barometer on the low. Asked Wouter about gas resivour in lower seams. Wouter is investigating the potential influence of lower seams on the goaf, there is a seam approx 40-50m lower that does have methane in it and could be some conectivity which is why the goaf is exceeding the drainage. Long term more plant drainage. Asked Wouter if Uni-Di has made improvement? Answered yes and has reduced the frequency of exceedances.

INCIDENT CATEGORY

Event Type	High Potential Incident
Incident Category	A ventilation failure causing a dangerous accumulation of methane or other gas if it endangers the safety or health of a person

<input checked="" type="checkbox"/> Oral Report confirmed by notice within 48 hours	25/07/2019
<input checked="" type="checkbox"/> Notify an Inspector as soon as possible	23/07/2019
<input checked="" type="checkbox"/> Report to be submitted within 1 month	22/08/2019

INCIDENT FOLLOW-UP

Officer allocated to investigate and/or follow-up reports Paul Brown

Oral confirmatory report received

Written report received

External DB Accident ID (LTAD)

142622

IR Summary Title

Methane in Excess of 2.5% - 23/07/2019

Incident Date

23/07/2019

Processed Date

14/08/2019 08:03:14 AM

(MIR Web Site submission processed)

Mine Name

Grosvenor Coal Mine

Incident Type

High potential no lost time

Injured Person(s)

Organisational

Gas make (SGE) greater than expected in excess of system capacity Less than adequate methane r lowest at the TG corner

Task / Environmental Conditions

Mining Domain susceptible to delamination with induced stresses

Individual / Team Actions

Nil

Absent / Failed Defences

Nil

Preventative Action

Develop a plan to increase goaf drainage capacity for peak SGE areas of Grosvenor to reduce tailgat targets.

DETAILS OF PERSONS ADVISED

EMAILED

<u>Emailed To</u>	<u>Comment</u>	<u>Emailed Date</u>	<u>Emailed Time</u>
andrew.smith Anthony.Logan Claire.Buchanan Creswick.Bulger fritz.djukic		24/07/2019	10:58 AM

Graham.Callinan
keith.brennan
kevin.poynter
Matthew.Kennedy
Michael.Scully
neil.randolph
neville.atkinson
Paul.Brown2
paul.sullivan
Patrick.Hurley
peter.herbert
Laurie.Crisp
Shaun.Dobson
Stephen.Smith2
theo.kahl
Geoff.Nugent
Luca.Rocchi
John.Tolhurst

ORALLY (if any)

Notified

Comment

Date

Time