

PLEASE DO NOT REFORMAT THIS FORM

MINES INSPECTORATE VERSION 11 November 2017	NOTICE OF CONFIRMATION TO THE MINES INSPECTORATE OF A COAL MINE <u>HIGH POTENTIAL INCIDENT, SERIOUS ACCIDENT OR DISEASE</u>
MINE: Grosvenor	DATE: 20/03/2020
<i>This notice* is made by or on behalf of the SSE primarily** pursuant to section 198(4) or (5) of the CMSHA to confirm the initial oral report to an inspector and an ISHR. It is also used to report prescribed diseases pursuant to section 198(6) of the CMSHA.</i>	
NOTE: * Notice required within 48 hours or 24 hours in the case of a fatality: ** Also serves to report "Non-Reportable Incidents"	

SECTION 1: INITIAL ORAL REPORT		
Made By: Wouter Niehaus	Company Position: UMM	Phone: [REDACTED]
Made To: Stephen Smith	Time: 4:51pm	Date: 20/03/2020
Made To: Stephen Woods	Time: 4:56pm	Date: 20/03/2020
Made To:	Time:	Date Click here to enter a date.

SECTION 2: SERIOUS ACCIDENT	
Is this a SERIOUS ACCIDENT:	NO
NOTE 1:	Act s16: A SERIOUS ACCIDENT is one that causes (a) death or (b) a person to be admitted to hospital as an in-patient for treatment of the injury. Also by definition it is a HPI
NOTE 2:	While not included in the definition of SERIOUS ACCIDENT, Act s198(2)(iii) requires immediate notification of an accident "that causes a person to suffer an injury, causing or likely to cause, a permanent injury to a person's safety or health". (This is also a HPI as defined by Act s.17)
NOTE 3:	Schedule 9 of the Regulation defines SERIOUS BODILY INJURY as an "injury endangering, or likely to endanger, life or causing, or likely to cause, a permanent injury to health" of a person.

SECTION 3: PRESCRIBED HPI TYPE BEING REPORTED	
SCHEDULE 1C Act 198(2b)	10b A ventilation failure causing a dangerous accumulation of methane or other gas that endangers the safety and health of a person.
SCHEDULE 2 Part 1 Act 200(1)	Choose an item. Must not interfere with site without inspectorate permission
SCHEDULE 2 Part 2 Act 201(1c)	Choose an item. Investigation Report to an inspector within 1 month.
NOTE 1:	Some HPI types in Schedule 1C also qualify as types in Schedule 2, Part 1 and/or Part 2. See details on reverse of this form

SECTION 4: NON PRESCRIBED HPI OR NON REPORTABLE INCIDENT NRI	
NON PRESCRIBED HPI <input type="checkbox"/>	Where a "match" cannot be made to the Schedule 1C but the event is a HPI as defined by CMSHA section 17
NON REPORTABLE INCIDENT (NRI) <input type="checkbox"/>	Where the incident is significant and has a safety "message" to share with industry
NOTE	Act s17 HPI "an event, or a series of events, that causes or has the potential to cause a significant adverse effect on the safety or health of a person"

SECTION 5: REPORTABLE DISEASE SCHEDULE 1				
Chronic obstructive pulmonary disease <input type="checkbox"/>	coal workers' pneumoconiosis <input type="checkbox"/>	legionellosis <input type="checkbox"/>	silicosis <input type="checkbox"/>	Other
NOTE 1: To be reportable, the disease must have been contracted by a current or former coal mine worker who was exposed to dust/agent and has had the diagnosis confirmed by a nominated medical adviser or another doctor				
NOTE 2: Tick relevant box above (no further disease information is required on this form)				

SECTION 6: DETAILS OF THE EVENT	
NOTE Information provided in this section includes the "Primary Information" required by s.198(3) of the Act	
CONCISE DESCRIPTION OF THE NATURE OF THE EVENT (put all other information in the "Other information/details" field below)	
At 2:17pm the Shearer was cutting from TG towards MG and stopped due to CH4 reaching 2.1% on the TG Inbye sensor (300m sensor). The gas levels continued to rise and at 2:36pm reached 2.5% on the Inbye sensor and increase to a peak of 3.55% CH4 at 3:03pm. On investigation it was found that GR04V002A goaf drainage hole shut down unexpectedly due to a CO2 cylinder losing pressure and closing the emergency shut off valve.	
DATE: 20/03/2020	TIME 2:36pm
LOCATION: LW104 TG return roadway	
EQUIPMENT INVOLVED: LW104	DAMAGE: nil
ENVIRONMENTAL CONDITIONS: (x) Light: <input type="checkbox"/> Dark: <input type="checkbox"/> Sunny: <input type="checkbox"/> Wet: <input type="checkbox"/> Dry: <input type="checkbox"/> Windy: <input type="checkbox"/>	
PERSONS INVOLVED: (x) Number: 0 Employee <input type="checkbox"/> Contractor <input type="checkbox"/> Labour Hire <input type="checkbox"/> Visitor <input type="checkbox"/>	
NAME(S) OF DECEASED:	TYPE DEATH NATURAL <input type="checkbox"/> ACCIDENT <input type="checkbox"/>
NAME(S) OF PERSONS INJURED NIL	INJURIES EMPLOYER (contractor where applicable)
NAMES OF ANYONE WHO SAW THE INCIDENT OR WERE PRESENT AT THE TIME AND IF NO WITNESSES, NAME OF PERSON FINDING THE INCIDENT	NAME Brad Meldrum EMPLOYER (contractor where applicable) Anglo American Grosvenor (ERZ Controller)

OTHER INFORMATION/DETAIL:		

Shearer Activity:

Shearer at Shield # 105 Cutting toward TG and stopped 19min prior to exceedance above 2.5%.
 LW Chainage: 4322

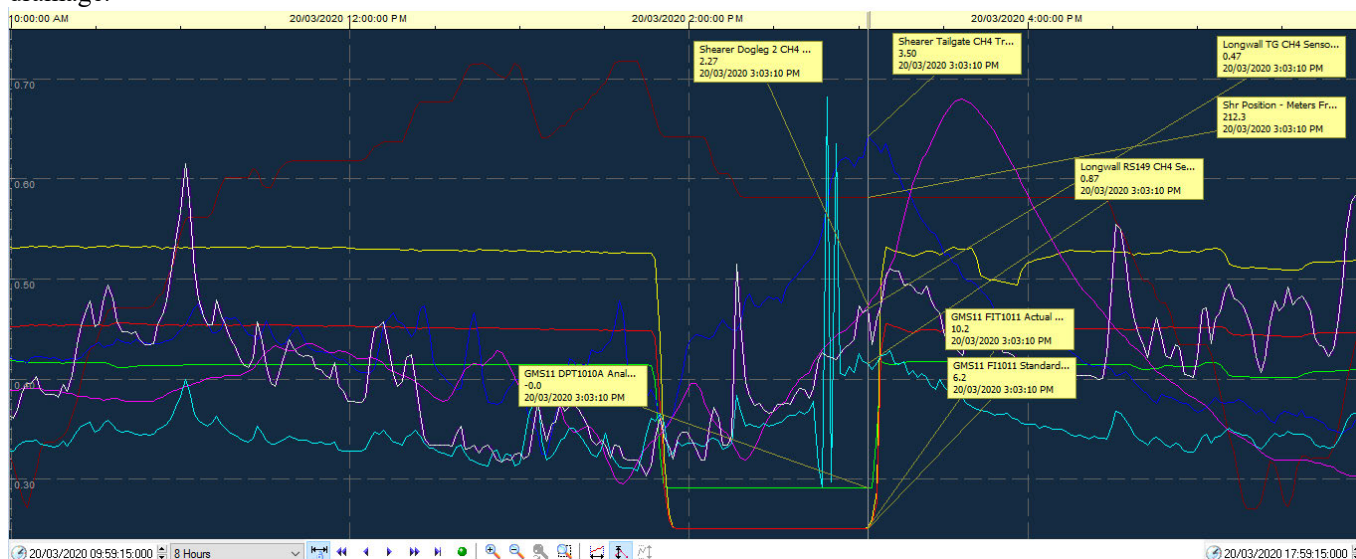
TG CH4 Sensor Reading:

- TG 0.1m Shield #149 Sensor - Peak Value: 0.99% CH4, Time of Peak Value: 3:00pm, Duration over 2.5%: 0sec
- TG Inbye Sensor - Peak Value: 3.55% CH4, Time of Peak Value: 3:03pm, Duration over 2.5%: 58min
- TG Outbye Sensor - Peak Value: 3.1% CH4, Time of Peak Value: 3:53pm, Duration over 2.5%: 57min

Goaf Drainage Comments:

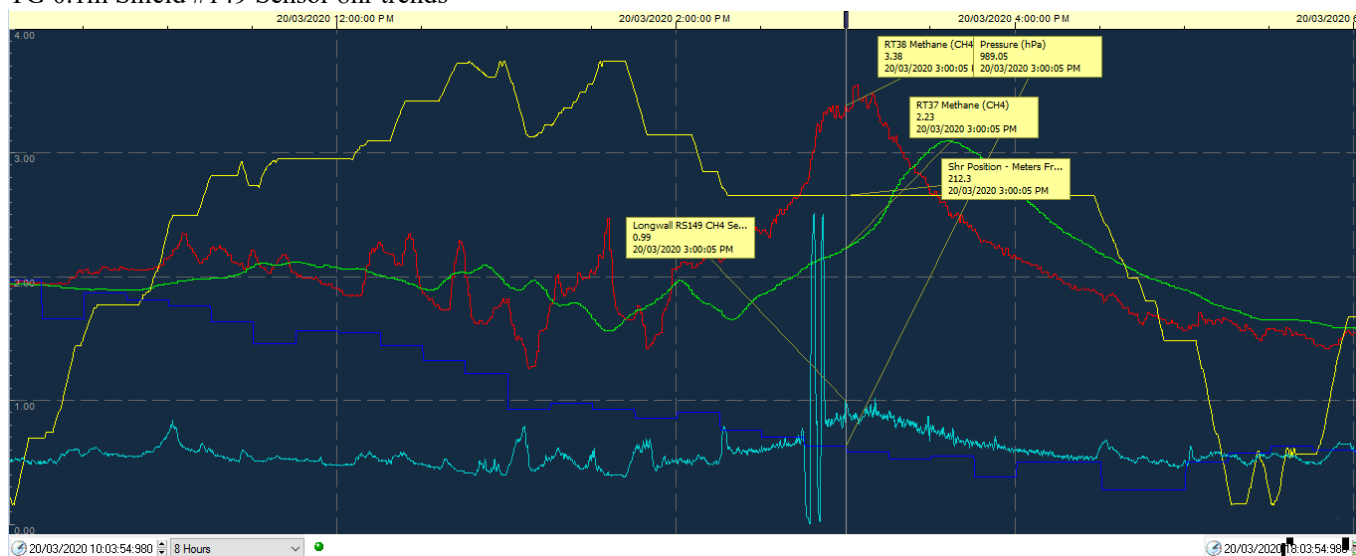
Goaf Skid GMS11 on Goaf Drainage Hole GR04V002A was unexpectedly shut down by the emergency shut off valve when the CO2 cylinder holding the valve open lost pressure. The graph below shows the correlation between the hole flows and gas levels in the LW TG. The valve shut off at 1:46pm and the problem was resolved at 3:03pm when the goaf skid was returned to service.

Going forward a dual skid will be set up on hole GR04V002A to allow cleaning of the filters without compromising goaf drainage.

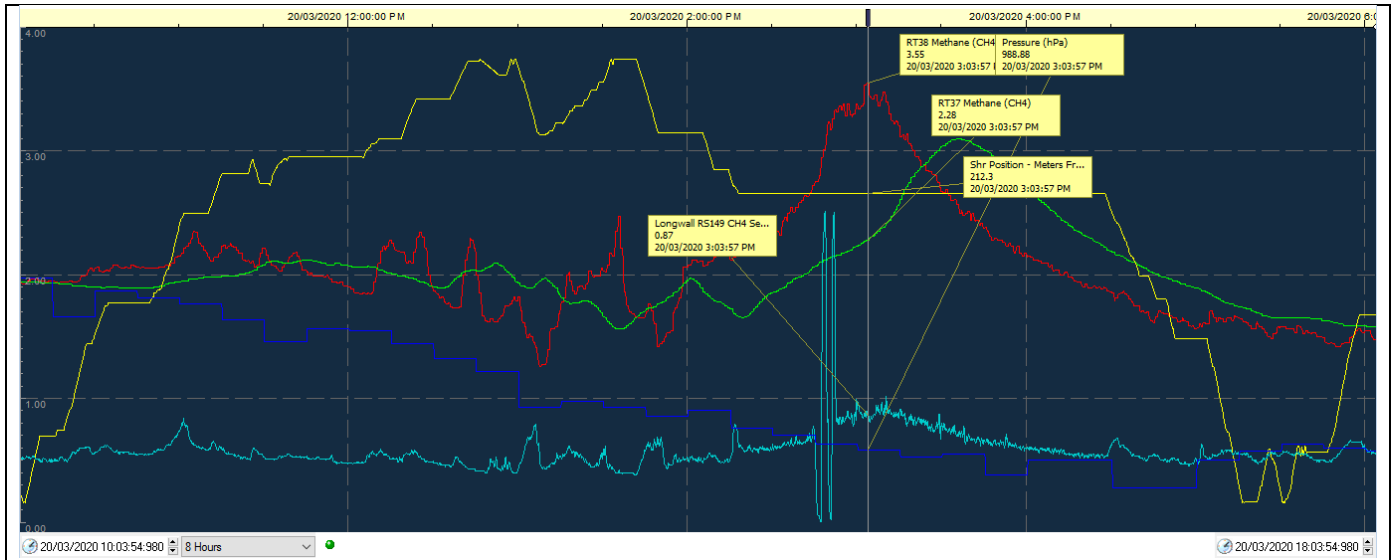


Gas Trend Graphs

TG 0.1m Shield #149 Sensor 8hr trends



TG Inbye Sensor 8hr trends



TG Outbye Sensor 8hr trends

