

PLEASE DO NOT REFORMAT THIS FORM

MINES INSPECTORATE VERSION 11 November 2017	NOTICE OF CONFIRMATION TO THE MINES INSPECTORATE OF A COAL MINE HIGH POTENTIAL INCIDENT, SERIOUS ACCIDENT OR DISEASE
MINE: Grosvenor	DATE: 22/03/2020
<i>This notice* is made by or on behalf of the SSE primarily** pursuant to section 198(4) or (5) of the CSMHA 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 CSMHA.</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: 6:15 pm	Date: 22/03/2020	
Made To: Stephen Woods	Time: 6:21pm	Date: 22/03/2020	
Made To:	Time:	Date: Click here to enter a date.	

SECTION 2: SERIOUS ACCIDENT		
Is this a SERIOUS ACCIDENT:	NO	
NOTE 1:	<i>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</i>	
NOTE 2:	<i>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)</i>	
NOTE 3:	<i>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.</i>	

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:	<i>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</i>	

SECTION 4: NON PRESCRIBED HPI OR NON REPORTABLE INCIDENT NRI		
NON PRESCRIBED HPI <input type="checkbox"/>	<i>Where a "match" cannot be made to the Schedule 1C but the event is a HPI as defined by CSMHA section 17</i>	
NON REPORTABLE INCIDENT (NRI) <input type="checkbox"/>	<i>Where the incident is significant and has a safety "message" to share with industry</i>	
NOTE	<i>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"</i>	

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 <i>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</i>						
NOTE 2: <i>Tick relevant box above (no further disease information is required on this form)</i>						

SECTION 6: DETAILS OF THE EVENT						
NOTE <i>Information provided in this section includes the "Primary Information" required by s.198(3) of the Act</i>						
CONCISE DESCRIPTION OF THE NATURE OF THE EVENT <i>(put all other information in the "Other information/details" field below)</i>						
Shearer was cutting toward the TG at 9.15 am when the Shearer stopped at Shield # 115 due to 6 hr max CH4 rise of 1.25 %.						
67 minutes later an exceedance of 2.54% occurred on the inbye ch4 sensor located 345m outbye of the face in the Tg 104 roadway						
The goaf drainage plant had tripped for 12 minutes due to Electrician carrying out a manual O2 Gas Calibration on the gas plant Stream # 3.and was reset immediately with all pumps starting and ran up to full suction pressure.						
But the Gas plants suction was lost again within 4min due to pumps 2, 3 and 4 tripping out on Hi outlet pressure & Low outlet pressure.						
They were reset immediately but took a Total of 14 mins until full suction from the pumps was restored.						
DATE: 22/03/2020	TIME 10.22pm	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	INJURIES	EMPLOYER <i>(contractor where applicable)</i>
NIL		
NAME(S) OF ANYONE WHO SAW THE INCIDENT OR WERE PRESENT AT THE TIME AND IF NO WITNESSES, NAME OF PERSON FINDING THE INCIDENT	NAME	EMPLOYER <i>(contractor where applicable)</i>
	Tim Lawrence	Anglo American Grosvenor (ERZ Controller)

OTHER INFORMATION/DETAIL:**Shearer Activity:**

Shearer was stopped at Shield 115 and had been cutting toward TG and stopped 67min prior to exceedance above 2.5%. At LW Chainage: 4303.5

TG CH4 Sensor Reading:

- TG 0.1m Shield #149 Sensor - Peak Value: 1.08% CH4, Time of Peak Value: 10.21am Duration over 2.5%: 0sec
- TG Inbye Sensor - Peak Value: 2.54% CH4, Time of Peak Value: 10.24am, Duration over 2.5%: 3min
- TG Outbye Sensor - Peak Value: 2.54% CH4, Time of Peak Value: 10.50am, Duration over 2.5%: 6min

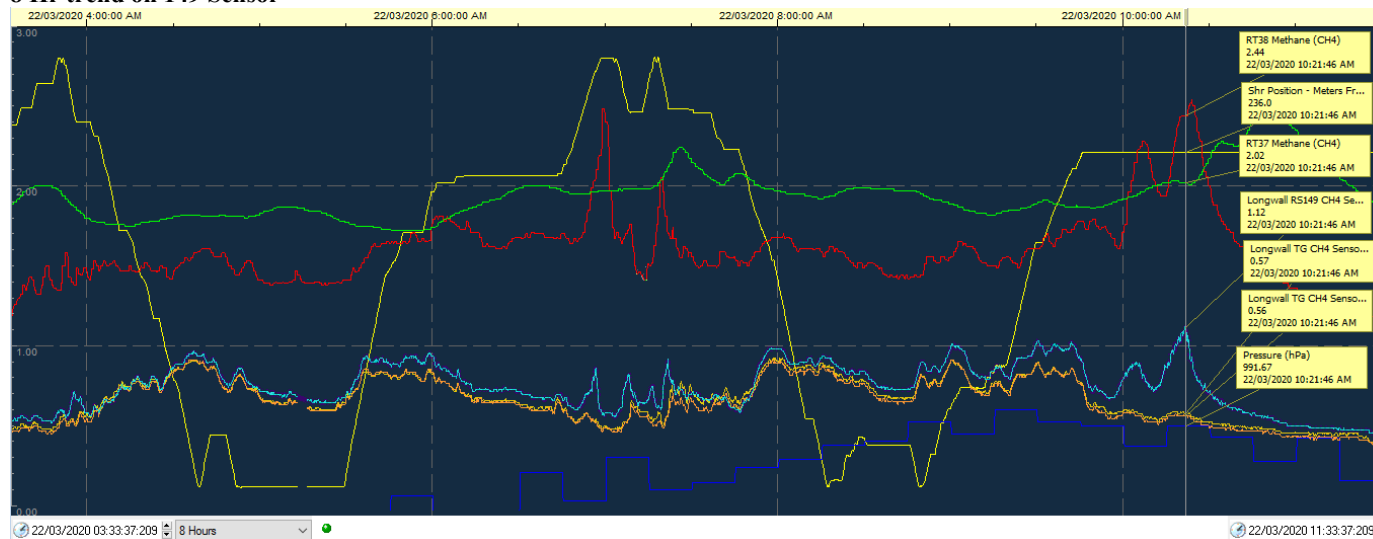
Comments:

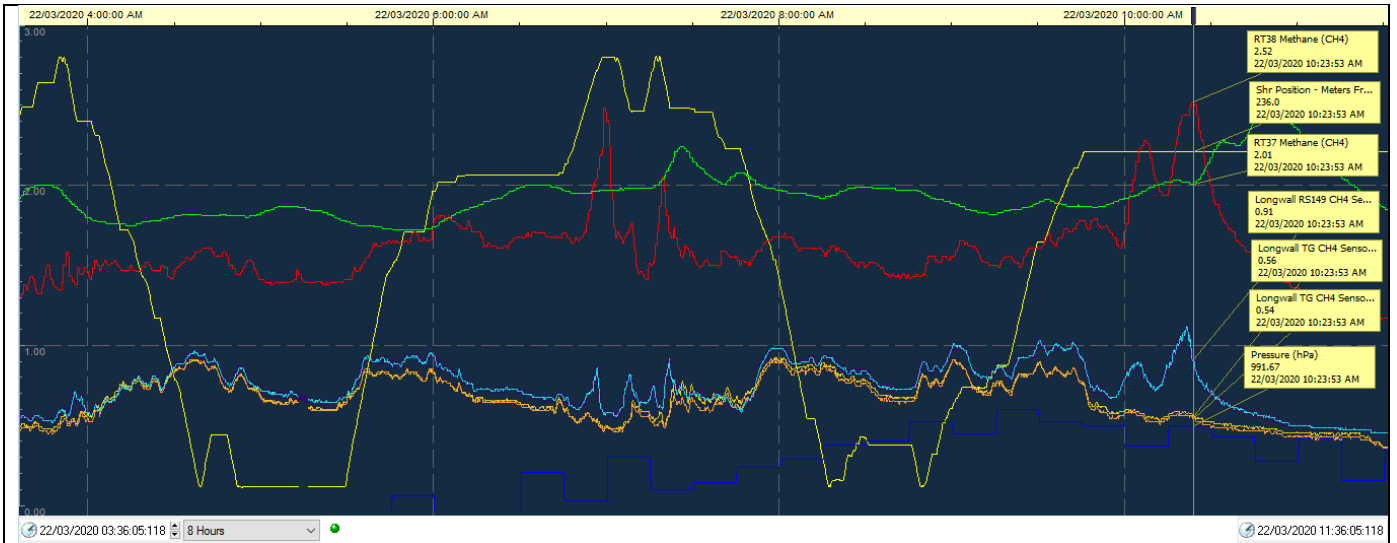
Electrician was carrying out a manual O2 Gas Calibration on goaf plant Stream # 3 as the oxygen servomex had been in fault since electrician came on tour this week and there was a risk that it would not trip if oxygen introduced to the stream. Precautions taken to not trip the vacuum pumps was that the PCS engineer increased the setpoint from 8 to 12 and the calibration gas is 10%. When the oxygen reached the 8% threshold it still tripped the vacuum pump#1, which was when the gas started rising underground. This was around 12mins to ramp up to correct suction again.

But the Gas plants suction was lost again within 4min due to pumps 2, 3 and 4 tripping out on Hi outlet pressure & Low outlet pressure.

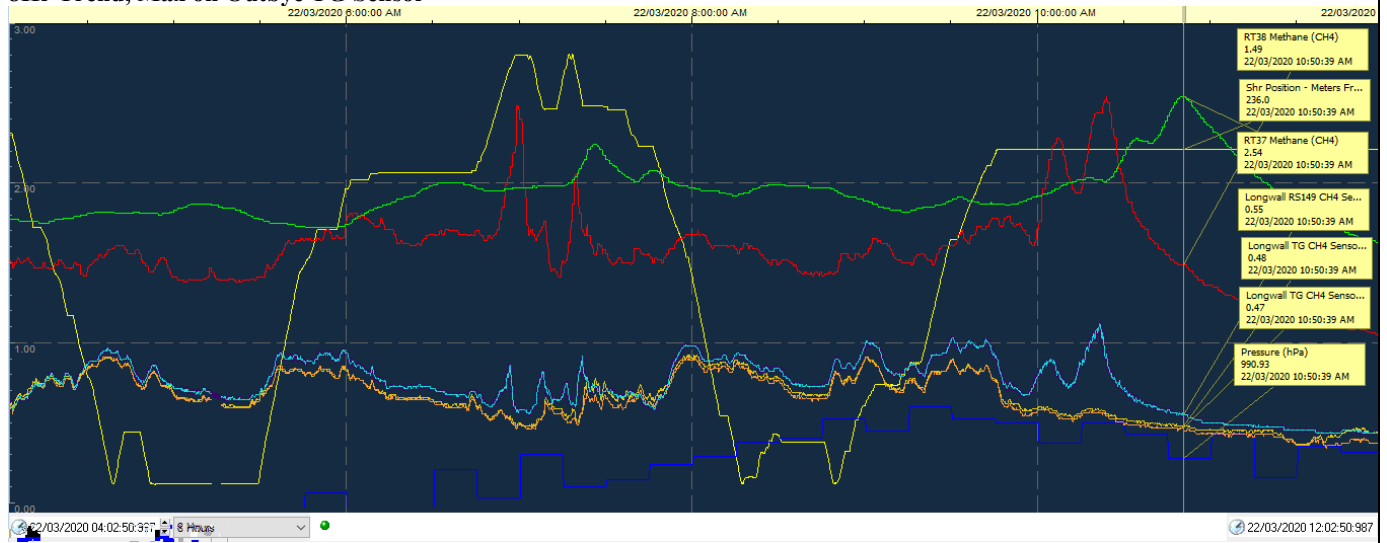
They were reset immediately but took a Total of 14 mins until full suction from the pumps was restored.

Going forward a extra pump (capable of 800+1 /s) external to existing arrangement set up to assist with un expected outages

8 Hr trend on 149 Sensor**8 Hrs trend, Max peak on Inbye TG Sensor**



8Hr Trend, Max on Outbye TG Sensor



Goaf Drainage Plant 8 HR Trend

