

Action Plan Status with Completion Comments

Action Plan	Action Plan ID	Task ID	Task Name	Department Responsible	Person Responsible	No. of revision (due date)	Real Due Date	Overdue days
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087977	Contingency not in place for additional gas drainage resulting in a potential for elevated gas make (above expected emissions) leading to delays in mining	SeamGas	Packham Russell - [REDACTED]	0	15/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087978	Contingency not in place for additional gas drainage resulting in a potential for elevated gas make (above expected emissions) leading to delays in mining	SeamGas	Packham Russell - [REDACTED]	0	15/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087979	Contingency not in place for additional gas drainage resulting in a potential for elevated gas make (above expected emissions) leading to delays in mining	SeamGas	Packham Russell - [REDACTED]	0	15/11/19	

LW103 LW104 Goaf Drainage	AP.00746137	TS.01087980	Contingency not in place for additional gas drainage resulting in a potential for elevated gas make (above expected emissions) leading to delays in mining	SeamGas	Packham Russell - [REDACTED]	0	15/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087981	Contingency not in place for additional gas drainage resulting in a potential for elevated gas make (above expected emissions) leading to delays in mining	SeamGas	Packham Russell - [REDACTED]	0	15/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087996	Identify the individual zones in LW103 and 104 for additional Goaf drainage	SeamGas	Packham Russell - [REDACTED]	0	11/11/19	

LW103 LW104 Goaf Drainage	AP.00746137	TS.01087998	Develop Horizontal Goaf Hole contingency plan if goaf drainage strategy is unsuccessful	SeamGas	Packham Russell - [REDACTED]	0	11/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087999	Investigation of under cross block drilling to relief zones of floor blowers	SeamGas	Packham Russell - [REDACTED]	0	11/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01088000	Investigate strategy for additional goaf drilling capacity	SeamGas	Packham Russell - [REDACTED]	0	11/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01088002	Decrease ventilation across the face	Technical Services	Zerner Donald - [REDACTED]	0	11/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087976	Conductivity; of the borehole into active unground workings/goaf leading to potential for ignition	Technical Services	Zerner Donald - [REDACTED]	1	13/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087993	Decrease flow across face to limit Goaf pulling	Technical Services	Zerner Donald - [REDACTED]	0	10/11/19	

LW103 LW104 Goaf Drainage	AP.00746137	TS.01087987	In fill wells to be used in high gas areas	SeamGas	Mulcahy Bevin - [REDACTED]	0	15/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087988	Utilise additional Goaf Lateral drainage to provide an increased area to drain from	SeamGas	Mulcahy Bevin - [REDACTED]	0	15/11/19	

LW103 LW104 Goaf Drainage	AP.00746137	TS.01087989	Implement strategy for additional goaf drilling capacity	SeamGas	Mulcahy Bevin - [REDACTED]	0	11/11/19	
------------------------------	-------------	-------------	---	---------	-------------------------------	---	----------	--

LW103 LW104 Goaf Drainage	AP.00746137	TS.01087982	Contingency not in place for additional gas drainage resulting in a potential for elevated gas make (above expected emissions) leading to delays in mining	SeamGas	Mulcahy Bevin - [REDACTED]	0	15/11/19	
------------------------------	-------------	-------------	---	---------	-------------------------------	---	----------	--

LW103 LW104 Goaf Drainage	AP.00746137	TS.01087984	Contingency not in place for additional gas drainage resulting in a potential for elevated gas make (above expected emissions) leading to delays in mining	SeamGas	Mulcahy Bevin - [REDACTED]	0	15/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01088003	Set up potential offsets for MG drainage	SeamGas	Mulcahy Bevin - [REDACTED]	0	11/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01088004	Additional FSC availability	SeamGas	Mulcahy Bevin - [REDACTED]	0	11/11/19	

LW103 LW104 Goaf Drainage	AP.00746137	TS.01088001	Ensure the installation of butcher's flaps on chocks at LW Start-up	Mining Operations	Stebbeings Christopher - [REDACTED]	0	11/03/20	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087997	Investigate how stress fractures effect goaf holes.	Technical Services	Giese Stephen - [REDACTED]	0	11/11/19	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087990	VPS upgrade including 6th vac pumps	SeamGas	Badenhorst Casper - [REDACTED]	0	30/05/20	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087991	Purchase blower skids to >5000L capacity with flaring	SeamGas	Badenhorst Casper - [REDACTED]	0	30/05/20	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087992	Additional reticulation lines if required by modelling to accommodate additional gas drainage capacity	SeamGas	Badenhorst Casper - [REDACTED]	0	30/05/20	
LW103 LW104 Goaf Drainage	AP.00746137	TS.01087985	Purchase additional Gas Monitoring Skids	SeamGas	Badenhorst Casper - [REDACTED]	0	30/05/20	

LW103 LW104 Goaf Drainage	AP.00746137	TS.01087986	Expand capacity of gas drainage infrastructure	SeamGas	Badenhorst Casper - [REDACTED]	0	30/05/20	
------------------------------	-------------	-------------	--	---------	--------------------------------------	---	----------	--




LW103 LW104 Goaf Drainage	AP.00746137	TS.01087994	Complete risk assessment for works in tailgate >1% CH4	Technical Services	Murdoch Robert - [REDACTED] 0	11/11/19	
------------------------------	-------------	-------------	---	-----------------------	----------------------------------	----------	--

LW103 LW104 Goaf Drainage	AP.00746137	TS.01087995	Investigate use TG forcing fan for TG entry/maintenan ce	Technical Services	Murdoch Robert [REDACTED] 0	11/11/19	
------------------------------	-------------	-------------	--	-----------------------	--------------------------------	----------	--

Information

This Report has been generated on Wed. 01/07/20 16:50:47 by Alisha Penrose {Main}.

- Search Criteria
 - Entity Part of Grosvenor
 - Action Plan ID Starts With AP.00746137

Status	Completion Date	Completion Comments	
 Completed	08/11/19	Contingency has been the use of existing (decommissioned) goaf holes along with local compressed air venturi ejectors. See attached report for proposed strategy.	1087977
 Completed	08/11/19	This is a duplicate task. The work will be done under TS.01087977.	1087978
 Completed	08/11/19	This is a duplicate task. The work will be done under TS.01087977.	1087979




✓ Completed	08/11/19	This is a duplicate task. The work will be done under TS.01087977.	1087980
✓ Completed	08/11/19	This is a duplicate task. The work will be done under TS.01087977.	1087981
✓ Completed	08/11/19	Note floor gas at face start up should be considered likely. In relation to LW104 a floor relief UIS hole close to the face start line (page 8 in report) is recommended.	1087996

✓	Completed	29/10/19	2x goaf laterals have been designed and will be drilled into the P-seam in LW104 as per the requirements of this action. PR numbers for the holes: 11042513 & 11042515.	1087998
✓	Completed	08/11/19	reference report(s) attached	1087999
■	Not Applicable	04/11/19	This is a duplicate task. This is to be conducted under AP.00746137.	1088000
✓	Completed	11/11/19	Completed previously ... Old action	1088002
✓	Completed	12/11/19	Completed and sent to Chris Englebrecht today	1087976
✓	Completed	10/11/19	Completed previously... this is an old action	1087993

✓ Completed	13/11/19	Current plan for LW104 is to complete the first 300m of the block in 25m hole spacing to allow time for the infill holes if required. The intent will be to have >500m float in front of the long wall to contend with high production from the wall. Currently have 3 rigs allocated to Grosvenor for drilling Goaf, this will allow the infill wells to drilled if necessary.	1087987
✓ Completed	08/11/19	Completed the plan to drill 2 laterals in LW104 from the install face to 1600m out by. These wells will be drilled to 12 1/4" final drilled hole. Plans are attached for perusal	1087988


✓ Completed	08/11/19	Utilization of drilling units on goaf to completed the increase work load is by continuing with 3 Lucas rigs and the addition of the Mitchell drilling 24 hour goaf rig to ensure the drilling float in front of the long wall	1087989
--------------------	----------	--	---------

✓ Completed	13/11/19	Completed plan for the drilling of 25m hole spacing for the entier LW104 panel. Hole are planed but will only be drilled if there is high gas in the TG due to Goaf emmissions. Section of the 104 panel have been identified as high gas areas and will have 25m hole spacings and section where the ris is lower will remain at 50m hole spacings. Main gate goaf holes will be drilled at 150m hole spacing. 4 1600m laterals goaf holes planned to be drilled to reduce the gas volume reporting to the TG gate and mid	1087982
--------------------	----------	---	---------

 Not Applicable	04/11/19	This is a duplicate task. Work to be done under TS.01087982.	1087984
 Not Applicable	18/09/19	Placed drill pads into plan of ops to be placed at 150m spacing for LW104. There will be some areas where this is not possible due to surface infrastructure and environment areas (Isaac River)	1088003
 Completed	08/11/19	Working with Environmental department to increase the availability of the FSC. There are 3 FSC inducted to come to site and with 2 week notice can arrange for the works to be scheduled	1088004

✓	Completed	03/03/20	Installed as per plan	1088001
✓	Completed	11/11/19	information sought from action owner, no clarification on action or context or outcomes required for action.	1087997
■	Not Applicable	04/11/19	This is a duplicate task. VPS upgrade done under TS.01130758	1087990
■	Not Applicable	04/11/19	This is a duplicate task. The blower purchase and installation is done under TS.01130787	1087991
■	Not Applicable	04/11/19	This is a duplicate task. Infrastructure upgrade done under TS.01087985.	1087992
■	Not Applicable	04/11/19	This is a duplicate task. Gas skids bought under TS.01087985	1087985

✓ Completed	29/10/19	This is a duplicate task. Gas infrastructure upgrade is already underway under the following tasks: TS.01130757 additional Blower-flares TS.01130758 Vac plant upgrade TS.01087985 Additional gas infrastructure	1087986
--------------------	----------	--	---------

	Completed	16/08/19	<p>AS per GRD 750 TARP-General Body Contaminant Longwall Return: CH4 equal to or greater than 2.5% for a continual period (i.e. not a sudden or temporary increase caused by a goaf fall) • All persons to cease activities in affected area.</p> <ul style="list-style-type: none"> • All persons to immediately withdraw from affected area (Tailgate or return roadway), until advised by a mine official. This action was not communicated to me prior to assigning. There is no context to this action regarding the intent. There is no requirement 	1087994
---	-----------	----------	--	---------

■ Not Applicable	16/08/19	Forcing fan and layflat ducting from LW102 is still available to be used. Ventilation Officer to provide recommendations for usage in LW103 and LW104 based on modelled pressure differentials. Catenary wire will be required to be installed to install ducting out of way in TG roadway prior to use.	1087995
-------------------------	----------	--	---------