

### Notification of Gas EAWML37014

As required by Condition 127 (J29) of WMBC L/50 & L/82 (BP3494FC)

Sample ID Point	Date	Permitted Level (Unit )	Level Recorded (Unit)	Relative Pressure (mBar)	Flow (l/h)
<b>CH4:</b>					
BH7	23/12/2020	1.0%	4.4%	-0.64	0
GBH3	23/12/2020	1.0%	22.2%	4.59	0
GBH5	23/12/2020	1.0%	21.7%	11.04	0
<b>CO2:</b>					
BH6	23/12/2020	1.5%	5.1%	-0.36	0
BH7	23/12/2020	1.4%	5.5%	-0.64	
BH8	23/12/2020	1.8%	2.3%	0.47	
BH3A	23/12/2020	1.5%	1.6%	-0.43	
GBH2	23/12/2020	1.6%	5.9%	17.92	
GBH3	23/12/2020	1.5%	8.8%	4.59	
GBH5	23/12/2020	1.5%	19.5%	11.04	
GBH6	23/12/2020	4.2%	4.9%	-0.36	
GP1	23/12/2020	1.81%	5.2%	-0.33	
GP2	23/12/2020	2.7%	4.0%	-0.33	
GP8	23/12/2020	1.9%	4.0%	-0.31	
GP14	23/12/2020	4.99%	5.8%	-0.45	
WB1A	23/12/2020	1.82%	2.0%	-0.45	
WB3B	23/12/2020	2.5%	5.2%	-0.38	

#### Actions Taken

Leachate levels across the site remain low. Tankering from site has had to be reduced slightly in order to obtain full leachate loads. The pump service contractor is visiting site 29/12/2020 to carry out further pumping system checks and pump switchovers. The newly installed gas wells have today been dipped (24/12/2020) Leachate levels are to be assessed on receipt of this data to ascertain the liquid heads inside each well.

The groundwater sump level is continuing to drop, it is found at around 3.50m. We are keeping a close eye on liquid levels in this sump also and have increased pumping at this point.

Gas migration on this monitoring round is still fluctuating, a recent gas plant outage on the 19<sup>th</sup> December at 17:45 has been noted and may have contributed to the increase in relative pressure that can be seen in this week's monitoring data on some of the affected boreholes. FCC and Infinis will continue to work collaboratively, and will continue to investigate migration issues at the site.

The table below depicts the changes in gas migration compared to last week's monitoring round.

<b>ID</b>	<b>Date</b>	<b>Recorded CH4 Level</b>	<b>Date</b>	<b>Recorded CH4 Level</b>	<b>Change in Recorded CH4 Level</b>	
<b>GBH3</b>	<b>18/12/2020</b>	<b>24.1%</b>	<b>23/12/2020</b>	<b>22.2%</b>	<b>-1.9%</b>	<b>Decrease</b>
<b>BH7</b>	<b>18/12/2020</b>	<b>4.6%</b>	<b>23/12/2020</b>	<b>4.4%</b>	<b>-0.2%</b>	<b>Decrease</b>
<b>GBH5</b>	<b>18/12/2020</b>	<b>9.9%</b>	<b>23/12/2020</b>	<b>21.7%</b>	<b>+11.8%</b>	<b>Increase</b>