

Your ref: DP3733BK

Our ref: 14739/3505/CBH/RHT/VKR/AREA 2 GAS



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PPC Team
Natural Resources Wales
Rivers House
Fortran Road
St Mellons Business Park
Cardiff
CF3 0EY

Peter Brett Associates LLP
Caversham Bridge House
Waterman Place, Reading
Berkshire RG1 8DN
T: +44 (0)118 950 0761
E: reading@peterbrett.com

Attn: Mr David Willey

Dear David

RE: DP3733BK - DOCKSWAY DISPOSAL SITE. LATEST AREA 2 GAS MONITORING RESULTS, ROUND 166.

We write to provide the latest gas monitoring report for Area 2 of Docksway Disposal Site. Gas monitoring is required on a monthly basis at Area 2 of Docksway Disposal Site and the results of the monitoring are reported to NRW on a quarterly basis generally.

We enclose with this report data sheets showing the results collected in December 2017 (i.e. Round 166).

Gas monitoring wells are installed at approximately 100m intervals around the Area 2 landfill perimeter and there are currently thirteen available monitoring wells. Twelve wells were monitored during Round 166 (GP05_22 recorded as flooded).

Trigger Levels

Trigger Levels for all the Area 2 wells are shown on the attached data tables.

Results Summary

The methane and carbon dioxide concentrations recorded at each of the gas monitoring wells in December 2017 are summarised on the attached data sheets.

The concentrations of methane and carbon dioxide did not exceed the well specific trigger levels at the majority of the Area 2 wells monitored during round R166. The exception to this is GP09_18 which recorded both peak (28.3%v/v) and steady state (28.3%v/v) methane concentrations that exceed the trigger level (1.0%v/v).

Concluding Remarks

In general, it is considered that the results obtained from the two rounds of gas monitoring are within the range of results obtained since commencement of monitoring with the exception of GP09_18. At GP09_18 the peak methane concentration recorded during R166 was below the previous reading in

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Registered Office: Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN. UK. T: +44 (0)118 950 0761 F: +44 (0)118 959 7498

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www.peterbrett.com



R165 (32.5%) reflecting a short term trend of decreasing concentrations since October 2017. The source or reasons for the elevated methane at this location is unknown, although it is on the eastern boundary of the site, adjacent to the docks.

NCC will continue to undertake Area 2 perimeter gas monitoring on a monthly basis and PBA will continue to provide factual reports to NRW on a quarterly basis.

Yours sincerely

Kate Riley
For and on behalf of
PETER BRETT ASSOCIATES LLP

Cc. Gwyn Jones – NCC (Docksway Disposal Site)

Enc. Gas Monitoring Data Tables