

Your ref: DP3733BK

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



12th September 2016

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
F: +44 (0)118 959 7498
E: reading@pba.co.uk

Attn: Mr David Willey

Dear David

RE: DP3733BK - DOCKSWAY DISPOSAL SITE. LATEST AREA 2 GAS MONITORING RESULTS, ROUNDS 146 TO 149.

We write to provide the latest quarterly gas monitoring report for Area 2 of Docksway Disposal Site. The report includes comment on the Area 2 gas monitoring results collected to date. Gas monitoring is required on a monthly basis at Area 2 of Docksway Disposal Site and the results of the monitoring are reported to the EA on a quarterly basis.

We enclose with this report three data sheets showing the results collected between April and July 2016 (i.e. Rounds 146 to 149).

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 146 (GP06_25 not monitored and no explanation provided with monitoring data), all thirteen wells were monitored during Round 147, twelve wells were monitored during Round 148 (GP05_22 reported to have been flooded), and eleven wells were monitored during Round 149 (GP06_25 and GP05_22 reported to have been 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 between April and July 2016 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 rounds 145 to 149. The exception to this is GP09_18 where the methane concentration has marginally exceeded the well specific trigger level (between 1.9% and 4.2% peak and 1.2% to 12.0% steady) on each of the four monitoring visits.

J:\14739\075-Interim Reporting\075J 2016-2017\Reports Area 2\R149 - July 2016\DP3733BK Area 2 Gas Report.docx

Registered Office: Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN. UK. T: +44 (0)118 950 0761 F: +44 (0)118 959 7498
Peter Brett Associates LLP is a limited liability partnership and is registered in England and Wales with registered number OC334398.
A list of members' names is open to inspection at our registered office. Brett Consulting Limited is wholly owned by Peter Brett Associates LLP.
Registered number: 07765026.

Roger Tym & Partners is part of Peter Brett Associates LLP.

www.peterbrett.com



Concluding Remarks

In general it is considered that the results obtained from the three rounds of gas monitoring are within the range of results obtained since commencement of monitoring.

NCC will continue to undertake Area 2 perimeter gas monitoring on a monthly basis and PBA will continue to provide factual and interpretative reports to the EA 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
Figure A – Monitoring Point Location Plan