

Your ref: DP3733BK

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



21st October 2016

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Attn: Mr David Willey

Dear David

RE: DP3733BK - DOCKSWAY DISPOSAL SITE. LATEST AREA 2 GAS MONITORING RESULTS, ROUNDS 150 TO 151.

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 two data sheets showing the results collected between August and September 2016 (i.e. Rounds 150 to 151).

Gas monitoring wells are installed at approximately 100m intervals around the Area 2 landfill perimeter and there are currently thirteen available monitoring wells. Eleven wells were monitored during Round 150 and 151 (GP06_25 & GP05_22 not monitored due to being recorded as flooded at the time of monitoring).

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 August and September 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 150 to 151. The exception to this is GP09_18 where the methane concentrations (2.7% and 18.7% respectively) exceeded the well specific trigger level (1%) on each of the two monitoring visits. Additionally, the peak methane concentration at GP03_06 in August 2016 and the peak methane concentration at GP05_20 in September 2016 both exceeded the well specific trigger levels (1% and 1.5% respectively).

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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, and methane concentrations at GP09_18 continue to exceed the trigger level for this well.

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