



Your Ref: EAWML30058
Our Ref: 49428/3501/CBH/VKR/NC/AREA1GAS

19th November 2020

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

Attn: David Willey

Dear David,

Re: EAWML30058 - DOCKSWAY DISPOSAL SITE. AREA 1 GAS MONITORING REPORT, ANNUAL SCREEN – SEPTEMBER 2020

We write to provide the 11th aftercare gas monitoring report for Area 1 of Docksway Disposal Site (EAWML30058) since definitive closure was granted in October 2014. The monitoring was undertaken on the 3rd and 4th September 2020 and excluded borehole NCC_1 as this was overgrown at the time of the monitoring and NCC_2, NCC_3, NCC_5 and NCC_6 could not be located.

We enclose with this report a data sheet of results for this round.

Methane

Methane concentrations were recorded above the methane Trigger Level (1%) in four of the eight wells monitored during R011AC. The measured concentrations above the trigger level (1%) range between 11.2% and 60% (GP03_01).

Carbon Dioxide

Carbon dioxide concentrations were recorded above the carbon dioxide Trigger Level (1.5%) in four of the eight wells monitored during R011AC. Measured concentrations above the trigger level range between 4.6% and 23.5% (GP03_02).

Oxygen

Oxygen concentrations were recorded below the minimum Trigger Level (18%) in four of the eight wells monitored during R010AC. Measured concentrations below the minimum trigger level range between 14.4% and 2.0% (GP03_01).

Caversham Bridge House
Waterman Place
Reading
Berkshire RG1 8DN
Telephone: +44 (0)118 950 0761
email: PBA.Reading@stantec.com


Registered Office:
Stantec UK Ltd
Buckingham Court
Kingsmead Business Park
Frederick Place, London Road
High Wycombe HP11 1JU
Registered in England No. 1188070

Concluding Remarks

In general, methane, carbon dioxide and oxygen concentrations continue to exceed the Trigger Levels provided in the Docksway Disposal Site Waste Management Licence for Area 1 at many of the monitoring locations. Although some concentrations are elevated in comparison to more recent rounds the data appears to be within the overall general trend for the datasets and no new adverse trends are apparent.

If you have any questions regarding the data or its format, then please do not hesitate to contact us.

Yours sincerely



Kate Riley
Associate
on behalf of Stantec UK Ltd

Encs: Gas Monitoring Data

CC: Robert Hughes – NCC (Docksway Disposal Site)
Silvia Gonzalez Lopez - NCC
Luke Embrey - NCC