



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

29th July 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 & LEACHATE LEVELS, ROUND 010AC

We write to provide the 10th 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 25th June 2020 and excludes boreholes NCC_1 as this was overgrown at the time of the monitoring and NCC_2, NCC_3, NCC_5 and NCC_6 as they could not be located.

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

Methane

Methane concentrations were recorded above the methane Trigger Level (1%) in four of the eight wells monitored during R010AC. The measured concentrations above the trigger level (1%) range between 22.3% (GP03_13) and 54% (GP03_01).

Carbon Dioxide

Carbon dioxide concentrations were recorded above the carbon dioxide Trigger Level (1.5%) in five of the eight wells monitored during R010AC. Measured concentrations above the trigger level range between 4.3% (GP03_03a) and 19% (GP03_02).

Oxygen

Oxygen concentrations were recorded below the minimum Trigger Level (18%) in five of the eight wells monitored during R010AC. Measured concentrations below the minimum trigger level range between 13% (GP03_03a) and 0.2% (GP12_26).

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Leachate Levels

The level of leachate across Area 1 was monitored in March 2020 in monitoring wells LF03_01, and LF11_01 to LF11_07, and was recorded at between about 6m AOD and 14m AOD.

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. 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

**Associate**

on behalf of Stantec UK Ltd

Encs – gas data

CC Robert Hughes – NCC (Docksway Disposal Site)
Sylvia Gonzalez-Lopez - NCC