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23 March 2023

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Office of Environmental Sustainability
Environmental Protection Agency
PO Box 3000
Johnstown Castle Estate
Co. Wexford

RE: Regulation 10(2)(b)(ii) of the EPA (Industrial Emissions) (Licensing) Regulations 2013, in respect of the licence application P1186-01

Dear Sir/Madam,

As requested by the Regulation 10(2)(b)(ii) Notice received on 14 March 2023 Amazon Data Services Ireland Limited is required to supply additional information.

Request 1: Confirm the minimum volume of water, if any, that is retained in each of the attenuation tanks under dry weather conditions.

Response to Request 1: There is negligible retained water within the Attenuation Tanks under dry weather conditions.

Request 2: Confirm the allowable greenfield runoff rate (m^3/hour) for the installation, required under the relevant planning permission(s).

Response to Request 2: The allowable runoff rate for Building W is restricted to pre-development flows of 294.8 litres per second (l/s) or 1061.28 cubic meters per hour (m^3/hour). The allowable greenfield runoff rate for Building X and Y is 7 l/s or 25.2 m^3/hour.

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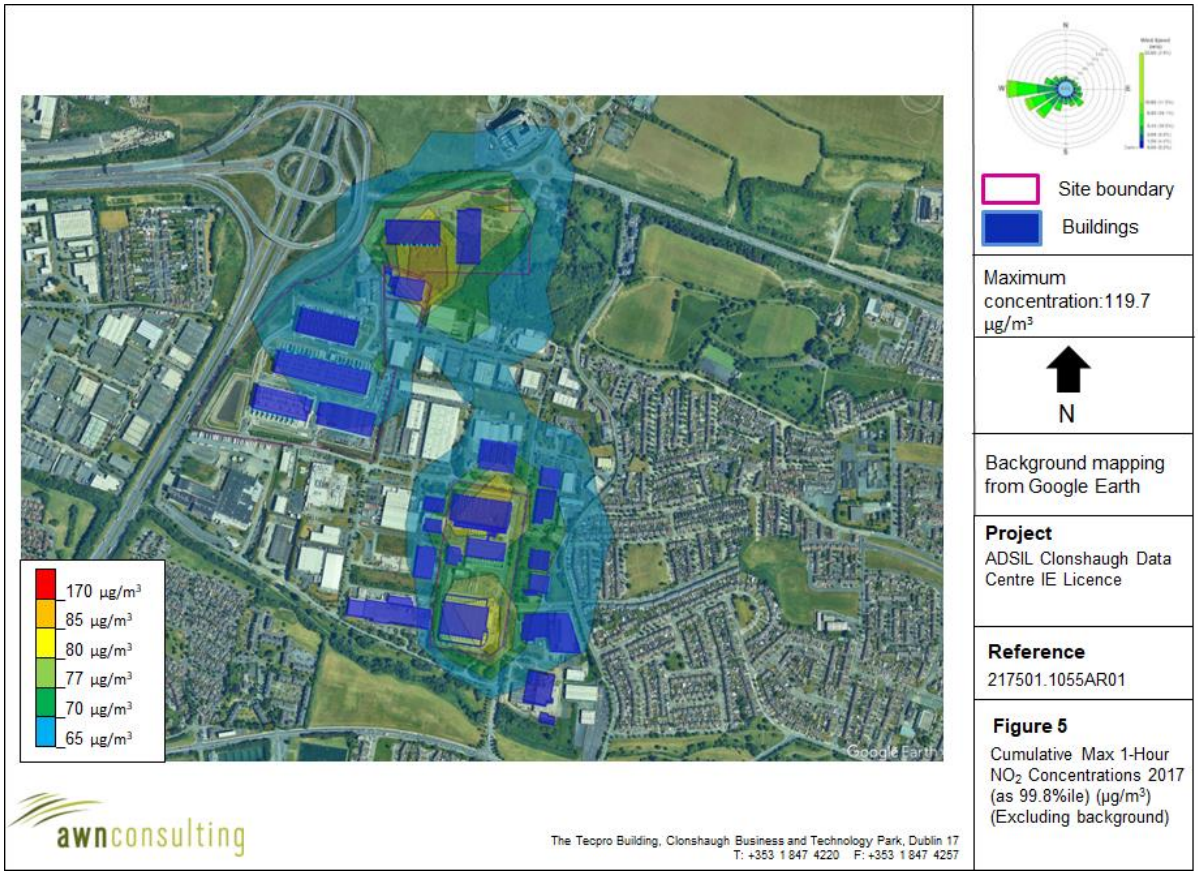
Request 3: It is noted in Figure 5 of the Air Dispersion Modelling Report, dated 23rd March 2022, that the scale goes from 5 – 300 µg/m3. Please confirm if the scale is correct, or alternatively revise the scale as appropriate.

Response to Request 3: As outlined in Table 7 of the Air Dispersion Modelling Report, dated 23rd March 2022, the maximum ambient 1-hour NO_2 concentration (measured as a 99.8th percentile) is 119.7 µg/m^3 in the worst-case year of 2017. For this worst-case year modelled, emissions from the site lead to an ambient NO_2 concentration (including background) which is 75% of the maximum ambient 1-hour limit value (measured as a 99.8th percentile). The geographical variations in the 1-hour mean (99.8th percentile) NO_2 ground level concentrations for the Cumulative Scenario is illustrated as concentration contour in Figure 5. The location of the maximum concentration for NO_2 is close to the boundary of the site with concentrations decreasing with distance from the facility. The contour scale in Figure 5 below has been revised to more accurately depict the modelled ambient NO_2 concentration.



Sincerely,

Jonathan Gauntlett

Principal Environmental Consultant
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