



**Environmental Licensing Programme  
Office of Environmental Sustainability  
EPA Headquarters,  
PO Box 3000,  
Johnstown Castle Estate,  
Co. Wexford**

**Uisce Éireann**  
Bosca OP 448  
Oifig Sheachadta na  
Cathrach Theas  
Cathair Chorcaí

**Uisce Éireann**  
PO Box 448  
South City  
Delivery Office  
Cork City

[www.water.ie](http://www.water.ie)

**Re: No. P1203-01**

Dear Sir/Madam,

I refer to EPA correspondence dated 02<sup>nd</sup> August 2023 relating to an application from Vantage Data Centers Dub11 Limited, Profile Park, Dublin22 for **Section 99E Consent Request**.

Please find attached Uisce Éireann's recommendation.

If you have any further queries, please do not hesitate to contact us.

Yours sincerely,

Wastewater Source Control & Licensing

**Stiúrthóirí / Directors:** Tony Keohane (Cathaoirleach / Chairman), Niall Gleeson (POF / CEO), Christopher Banks, Fred Barry, Gerard Britchfield, Liz Joyce, Patricia King, Eileen Maher, Cathy Mannion, Michael Walsh.

**Oifig Chláraithe / Registered Office:** Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath 1, D01 NP86 / Colvill House, 24-26 Talbot Street, Dublin, Ireland D01NP86

Is cuideachta ghníomhaíochta ainmnithe atá faoi theorainn scaireanna é Uisce Éireann / Uisce Éireann is a design activity company, limited by shares.  
Cláraithe in Éirinn Uimh.: 530363 / Registered in Ireland No.: 530363.

## **UISCE ÉIREANN RESPONSE**

Uisce Éireann  
Colvill House  
24/26 Talbot Street  
Dublin 1

**Name of Facility:** Vantage Data Centers Dub11 Limited **Reg. No: P1203-01**

**Location Address:** Profile Park, Clondalkin, Dublin 22, D22 AY90

<b>Recommendation granted subject to the consent conditions outlined below.</b>	Yes
<b>Recommendation granted without conditions.</b>	N/A
<b>Recommendation refused</b> <sup>Note 1</sup> .	N/A

<b>The sewer, to which this consent relates, is vested or controlled by Uisce Éireann.</b>	No
<b>Does the consent constitute a material change with respect to the associated wastewater discharge authorisation?</b> <sup>Note 2</sup> <b>(If 'Yes', you must attach to the consent a document describing the measures to be taken to bring about compliance with the wastewater discharge authorisation including timeframes where appropriate.</b>	No

Indicate either "Yes" or "No" to the request to include the condition(s) below in the licence as follows:

<b>GENERAL CONSENT CONDITIONS</b>	<b>Condition to be Included</b> (Yes/No)
1. No alteration to, or reconstruction in respect of, the activity, or any part thereof, that would, or is likely to, result in (i) a material changes or increase in: <ul style="list-style-type: none"> <li>▪ the nature or quantity of any emission;</li> <li>▪ the abatement/treatment or recovery systems;</li> <li>▪ the range of processes to be carried out;</li> <li>▪ the fuels, raw materials, intermediates, products or wastes generated, or</li> </ul> (ii) any changes in: <ul style="list-style-type: none"> <li>▪ site management, infrastructure or control with adverse environmental significance.</li> <li>▪ shall be carried out or commenced without prior notice to, and without the approval of, the Agency and/or Uisce Éireann as appropriate.</li> </ul>	<b>Yes</b>

2. The licensee shall <b>prepare, maintain and implement</b> (text highlighted in black bold for new licence only) / <b>maintain and implement</b> (text highlighted in green bold for reviews) a Schedule of Environmental Objectives and Targets. The Schedule shall, as a minimum, provide for a review of all operations and processes, including an evaluation of practicable options, for energy and resource efficiency, the use of cleaner technology, cleaner production and the prevention, reduction and minimisation of waste and shall include waste reduction targets, reduction and diversion of storm water runoff to sewer. The Schedule shall include time frames for the achievement of set targets and shall address a five-year period as a minimum. The schedule shall be reviewed annually and submitted to Uisce Éireann as requested.	No
3. The licensee shall <b>maintain and implement</b> a detailed programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment or as otherwise approved in writing by IW.	Yes
4. Silt Traps and Oil Separators The Licensee shall, within six months of date of grant of this licence, install and maintain silt traps and oil separators at the Facility: (i) Silt traps to ensure that all storm water discharges, other than from roofs, from the facility pass through a silt trap in advance of discharge; (ii) An oil separator on the storm water discharge from yard areas. The separator shall be a Class I Class II full retention/by-pass separator. <<EPA to select as appropriate>> a. The silt traps and separator shall be in accordance with I.S. EN-858-2: 2003 (separator systems for light liquids).	No
5. No specified emission from the installation shall exceed the emission limit values set out in Schedule B: Emission Limits, of this licence. There shall be no other emissions of environmental significance.	Yes
6. Other than the trade effluent authorised to be discharged under this licence, the licensee shall at no time discharge or cause or permit to discharge into sewer trade effluent or any other matter unless authorised in writing by Uisce Éireann.	Yes
The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out below and as in accordance with <i>Schedule C: Control &amp; Monitoring</i> , of this licence. (i) Sampling and analysis shall be undertaken by competent staff in accordance with documented operating procedures. (ii) Such procedures shall be subject to a programme of Analytical Quality Control using appropriate control standards with evaluation of test responses. (iii) Where any analysis is sub-contracted it shall be outsourced to a competent laboratory.	Yes
7. Monitoring and analysis equipment shall be installed, operated and maintained as necessary, so that all monitoring, accurately reflects the emission/discharge.	Yes
8. In the event of any incident which relates to discharges to sewer having taken place, the licensee shall notify Uisce Éireann and the Local Authority, in the manner prescribed by Uisce Éireann, as soon as practicable after such an incident.	Yes
9. The licensee shall pay to Uisce Éireann such sum as may be determined from time to time, having regard to the variations in the cost of providing drainage and the variation in effluent reception and treatment costs. Payment is to be made on demand from Uisce Éireann.	Yes
10. The licensee shall ensure that any trade effluent generated from canteen activities shall pass through appropriate grease removal equipment prior to discharge to sewer.	No
11. A summary report of volumes of trade effluent and other matter discharged to the sewer along with monitoring and analysis data as specified in <i>Schedule B: Emission Limits to Sewer</i> and <i>Schedule C: Control &amp; Monitoring</i> , of this licence shall be forwarded to both Uisce Éireann and the Local Authority in a manner and timeframe as may be specified by Uisce Éireann.	Yes
12. The licensee shall conclude an end user agreement with Uisce Éireann.	Yes

<div>ADDITIONAL GENERAL CONSENT CONDITIONS</div> <div>In respect of discharges or emissions to sewers, in accordance with Section 99E of the Environmental Protection Agency Act 1992, as amended.</div> <div>(Specify, if required)</div>

**Limit Values for Process Effluent to Sewer*****Schedule B: Emission Limits***Emission Point Reference No.: **SE1**Emission to **(sewer description)**: Sewer located at Profile ParkVolume of Trade effluent emitted:                      Maximum in any one day:                      1 m<sup>3</sup>

Parameter	Emission Limit Values		
pH	6-9 pH Units		
Temperature	30°C		
Toxicity	10 T.U.'s		
	<b>Concentration (24 Hr. Composite Sample (mg/l))</b>	<b>Concentration (Grab Sample (mg/l))</b>	<b>Max Daily Load (kg/day)</b>
BOD 5 days with inhibition (Carbonaceous BOD)	50	100	0.05
COD - Cr	100	200	0.1
Suspended Solids	250	500	0.25
Sulphate (as SO <sub>4</sub> )	1200	1200	1.2
Chloride (as CL)	1000	1000	1.0
Total Hardness (as CaCO <sub>3</sub> )	2000	2000	2.0

**Frequency of Monitoring Process Effluent to Sewer*****Schedule C***Emission Point Reference No.: **SE1**

<b>Parameter</b>	<b>Monitoring Frequency</b> Note 1	<b>Analysis Method/Technique</b>
Flow Rate	Continuous	On-line flow meter with recorder
pH	Weekly	Standard Method
Temperature	Weekly	Standard Method
BOD, 5 days with inhibition (Carbonaceous BOD)	Quarterly	Standard Method
COD - Cr	Quarterly	Standard Method
Suspended Solids	Quarterly	Standard Method
Sulphate (as SO <sub>4</sub> )	Quarterly	Standard Method
Chloride (as CL)	Quarterly	Standard Method
Total Hardness (as CaCO <sub>3</sub> )	Quarterly	Standard Method
Respirometry	As Requested	Standard Method
Toxicity <sup>Note 2</sup>	As Requested	Standard Method

**Note 1:** Sampling shall take place on alternate weekdays on a rolling basis to ensure representative samples are obtained for site operations which may vary across the working week.

**Note 2:** The number of toxic units (Tu) = 100/x hour EC/LC50 in percentage vol/vol so that higher Tu values reflect greater levels of toxicity. For test regimes where species death is not easily detected, immobilisation is considered equivalent to death.

Control of Emissions to Sewer


Description of treatment: **effluent separation**

Control Parameter	Monitoring	Key Equipment
Flow Rate		On-line flow meter with recorder

**Note 2:** The licensee shall maintain appropriate access to standby and/or spares to ensure the operation of the abatement system.

Signed on behalf of

DocuSigned by:



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Date 2/2/2024