

Rebecca Stokes
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Uisce Éireann
Bosca OP 448
Oifig Sheachadta na
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Uisce Éireann
PO Box 448
South City
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06 September 2023

Re: HealthBeacon Limited – W0308-01

Dear Ms. Stokes,

I refer to your email correspondence dated 22nd February 2023 in relation to your proposed and requested amendment to the trade effluent emission limit values (ELV) set out in EPA Licence Reg. No. W0308-01.

Uisce Éireann have assessed your proposal and are satisfied to support amendment of Schedule B.3 Emissions to Sewer and Schedule C.3.2 Monitoring of Emissions to Sewer as outlined below.

Schedule B.3 - Emissions to Sewer

Emission Point Reference No.: **SE1**

Emission to (**drain description**): Drain located on Naas Road Business Park.

Volume of Trade effluent emitted: Maximum in any one day: 1 m³

Parameter	Emission Limit Values		
pH	6-10 pH Units		
Temperature	42°C		
Toxicity	10 T.U.'s		
	Concentration 24 Hr. Composite Sample (mg/l)	Concentration Grab Sample (mg/l)	Max Daily Load (kg/day)
BOD 5 days with inhibition (Carbonaceous BOD)	200	400	0.2
COD - Cr	400	800	0.4
Suspended Solids	200	400	0.2

Stiúthóirí / 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

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Fat, Oils and Grease	100	100	0.1
Total Phosphorus (as P)	5	5	0.005
Total Nitrogen (as N)	10	10	0.01
Ammonia (as N)	5	5	0.005
Sulphate (as SO ₄)	200	200	0.2
Detergents (as MBAS)	100	100	0.1
Chloride (as CL)	400	400	0.4
Total Petroleum Hydrocarbons (TPH)	5	5	0.005

Schedule C.3.2 - Monitoring of Emissions to Sewer

Emission Point Reference No.: **SE1**

Parameter	Monitoring Frequency Note 1	Analysis Method/Technique
Flow Rate	Continuous	On-line flow meter with recorder
pH	Quarterly	Standard Method
Temperature	Quarterly	Standard Method
BOD, 5 days with inhibition (Carbonaceous BOD)	Quarterly	Standard Method
COD - Cr	Quarterly	Standard Method
Suspended Solids	Quarterly	Standard Method
Fat, Oils and Grease	Quarterly	Standard Method
Total Phosphorus (as P)	Quarterly	Standard Method
Total Nitrogen (as N)	Quarterly	Standard Method
Ammonia (as N)	Quarterly	Standard Method
Sulphate (as SO ₄)	Quarterly	Standard Method
Detergents (as MBAS)	Quarterly	Standard Method
Chloride (as CL)	Quarterly	Standard Method

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Total Petroleum Hydrocarbons (TPH)	Quarterly	Standard Method
Volatile Organic Compounds ^{Note 2}	Annually	Standard Method
Semi-volatile Organic Compounds ^{Note 2}	Annually	Standard Method
Toxicity ^{Note 3}	As Requested	Standard Method

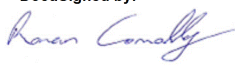
Note 1: Sampling shall take place on alternate weekdays on a rolling basis to ensure representative samples are obtained for site operations which may vary across the working week.

Note 2: Relevant Priority substances, Priority Hazardous substances and Watchlist substances (as per relevant Tables set out S.I. No. 272/2009 - European Communities Environmental Objectives (Surface Waters) Regulations 2009 – 2019, as amended) in trade effluent generated as a result of onsite activities.

Note 3: 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, immobilization is considered equivalent to death.

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

Yours sincerely,

DocuSigned by:

 23AE15EC6196408

Ronan Connolly

WWSC National Manager
 Wastewater Source Control & Licensing (WWSC)
 Uisce Éireann

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