

CORK COUNTY COUNCIL

LOCAL GOVERNMENT (WATER POLLUTION) ACTS 1977 AND 1990

Licence to discharge Trade Effluent or Sewage Effluent to Waters

Licence Reference No.: **WP(W) 01/21**

Applicant: **Nua Healthcare Services Ltd
The Atrium
John's Lane
Naas
County Kildare**

The Council of the County of Cork in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 to 2007, as amended hereby **GRANTS** a licence, Reference Number: **WP(W) 01/21**

To: **Nua Healthcare Services Ltd
The Atrium
John's Lane
Naas
County Kildare**

To Discharge: **Domestic wastewater from specialist care unit**

To: **Groundwater**

At (Receiving Waterbody Name): **Rathmore West GWB**

Located at: **Cois Dalua Specialist Rehabilitation Unit, Meelin, Knockduff Upper, Newmarket, County Cork**

subject to the conditions set out in the schedule attached hereto. It should be noted that a person shall not be entitled solely by reason of a licence to make, cause, or permit a discharge to sewer.

**ENVIRONMENT
DEPARTMENT
ROOM FF14
CORK COUNTY COUNCIL
INNISCARRA
CO. CORK**

Signed on behalf of the said Council,



STAFF OFFICER

Dated this *3rd* day of *June* 2021

NOTE:

An appeal against a decision made by a Sanitary Authority under Section 4, Section 16 and Section 17 of the Act of 1977, may be made to An Bórd Pleanála under Section 20 of the Act, as inserted by Section 15 of the Local Government (Water Pollution)(Amendment) Act, 1990 within one month of the date of the Licence.

Appeals should be addressed to: The Secretary, An Bórd Pleanála, 64 Marlborough Street, Dublin 1, and will be invalid unless accompanied by an additional fee of €126.00.

A request for an oral hearing shall be accompanied by an additional fee of €63.00.

A party to an appeal shall give to An Bórd Pleanála any document, information, or evidence in his possession or procurement, which An Bórd Pleanála consider necessary for the purpose of determining the appeal.



**Cork
County Council**
Comhairle Contae Chorcaí

Environment Directorate,
Inniscarra,
Co. Cork

**Section 4 Local Government (Water Pollution) Acts 1977 to 2007
Licence to Discharge a Trade Effluent to Water**

WP (W) 01/21

Nua Healthcare Services Ltd.

The Atrium,
Johns Lane,
Naas,
Co. Kildare

Discharge from
Cois Dalua Specialist Rehabilitation Unit
Meelin,
Knockduff Upper,
Newmarket,
Co. Cork

Schedule

Wastewater Discharges shall take place only as specified in the licence application WP (W) 01/21 as modified and/or controlled by this licence and subject to the requirements of law. Any changes in the nature or quantity of any emission shall require Nua Healthcare Services Ltd. (The Licensee) to notify Cork County Council (The Licensing Authority) and in the case of any material change, for the Licensee to request a review or obtain a new licence as may be determined by the Licensing Authority prior to any such change being made. The Licensing Authority shall determine whether any change is material or not.

In the event of the licence being transferred to another party or company the applicant shall notify the Licensing Authority of this fact and shall also provide the details of the new licence holder prior to the transfer of the licence.

1 WASTEWATER MANAGEMENT

- 1.1. The Licensee shall employ the best available techniques in the avoidance, minimisation, treatment and disposal of wastewaters produced on site, having regard to any environmental quality standard established for the receiving waters.
- 1.2. Standard operating procedures shall be prepared in respect of wastewater control and treatment systems to assist personnel with responsibilities for the operations of such systems and plant. These procedures shall be retained on site for inspection and submitted to the Licensing Authority on request.
- 1.3. The Licensee shall ensure that a documented Accident Prevention and Control Procedure is in place that addresses the hazards on-site, particularly in relation to the prevention of accidents with a possible impact on the environment. The Licensee shall ensure that this procedure shall be reviewed periodically by a competent person and updated as necessary and shall maintain written proof of all such reviews and shall make them available to the Licensing Authority on request.
- 1.4. The Licensee shall ensure that a person or persons is/are available during working hours to give relevant information on emissions to the Licensing Authority. The Licensee shall identify to the Licensing Authority each such person.
- 1.5. Employees with responsibilities in the wastewaters control and treatment shall receive training adequate to enable them to execute their tasks in relation to pollution control. These records shall be retained on site for auditing by the Licensing Authority.
- 1.6. No substances listed in Table 12 of Schedule 6 of the European Communities Environmental Objectives (Surface Waters) Regulations 2009 (S.I. No. 272 of 2009) shall be discharged from this site.
- 1.7. In the event of malfunction or breakdown of the pollution abatement equipment, or, any other incident on site which may give rise to water pollution, the Licensee shall as soon as is reasonably practical report the incident to the Licensing Authority by telephone (**021 4532700**) or email (environ@corkcoco.ie) and shall confirm the communication in writing within twenty four hours.

Reason: For the management of wastewaters on the site

2 CONTAMINATED WASTE WATERS

- 2.1. All wastewater arising at Cois Dalua Specialist Rehabilitation Unit, Meelin, Co. Cork. and any ancillary activities approved by Cork County Council.
- 2.2. The Licensee shall agree with the Licensing Authority an effluent monitoring point, representative of the effluent from the 'Solido Smart XL' unit (or similar unit approved by CCC), prior to the tertiary treatment system and gravel distribution system.

Safe access shall be provided and maintained to this sampling point which shall be clearly identified with a permanent sign 'SW01 – Sampling Point'.

Copies of any necessary keys required to access/inspect the wastewater works shall be provided to Licensing Authority.

- 2.3. The wastewater flow from the wastewater treatment system shall not exceed 10 m³/day.
- 2.4. The Licensee shall establish a monitoring programme for the parameters listed in Table 1 at the required frequency. Grab samples shall be taken at SW01 – Sampling Point. Any sample taken at SW01 shall be assumed to be representative of the discharge until the contrary can be shown.

Table 1: Discharge Point SW01

Parameter	Unit	ELV	Commencement date	Monitoring Frequency
BOD	mg/L	20	01/09/2021	Quarterly
COD	mg/L	125	01/09/2021	Quarterly
Suspended Solids	mg/L	30	01/09/2021	Quarterly
Total Ammonia (as N)	mg/L	20	01/09/2021	Quarterly
Orthophosphate	mg/L	5	01/09/2021	Quarterly

- 2.5. Test methods used by the Licensee for the monitoring of the quality of the discharge shall be derived from Standard Methods for the Examination of Water and Wastewater (APHA, AWWA, WEF).

3 SURFACE & GROUND WATERS

- 3.1. The Licensee shall on request of the Licensing Authority, implement a programme of groundwater monitoring agreed in advance with the Licensing Authority. This monitoring shall include the monitoring of a minimum of three wells, one of which shall be located above and one below the site's hydraulic gradient. The locations of the wells are to be agreed with the Licensing Authority.

- 3.2. All fuels, chemicals, lubricants and concrete additives shall be stored in a bunded area, impervious to the material stored within. Storage areas shall be bunded to a volume 110% of the volume of the largest tank. The bunded area shall be fitted with a locking penstock valve which shall only open to discharge storm water surface drainage system.
Or
Over ground tanks containing liquids other than water may be equipped with double walled construction and leak detection in accordance with EPA Guidance Notes for Storage and Transfer of Materials for Scheduled Activities (2005)".

Reason: To protect surface and ground waters from polluting matter

4 MONITORING

- 4.1. The Licensee shall grant immediate and unhindered access to the site and any portion of the pollution abatement equipment to any authorized personnel representing any Body having statutory responsibility for water pollution control, at all times, to carry out such inspections monitoring and investigations as the Body deems necessary. The Licensing Authority may install such equipment as may be necessary to collect this information at the Licensee's premises. The cost of this work will be borne by the Licensee.

- 4.2. The Licensee shall submit to the Licensing Authority **at quarterly intervals**, the results of any monitoring relating to the previous quarter, together with any other records relating to pollution control, including sludge disposal, plant maintenance and/or repairs.

- 4.3. Any non-compliance with the terms of the licence shall be highlighted and the reason why this occurred shall be stated. The measures taken to ensure non-recurrence of the non-compliance shall also be outlined.

- 4.4. All submitted reports shall be signed by or on behalf of the Licensee.

- 4.5. The Licensee shall keep records of all monitoring carried out and shall retain such records for a minimum period of five years.

Reason: To provide for adequate monitoring

5 WASTEWATER TREATMENT PLANT/INFRASTRUCTURE

- 5.1. The Licensee shall ensure an approved maintenance contract is entered into to provide for the management and maintenance of the wastewater treatment plant, which includes an appropriate preventive maintenance programme for all critical plant/equipment. A copy of any maintenance agreement shall be provided to the licensing authority on request.

Appropriate emergency controls incorporating GSM alarms/SCADA with 24hour response shall be provided.

- 5.2. All wastes from all pollution abatement equipment, including sludge from the wastewater treatment plant, shall be removed by permitted waste contractors only, and disposed of at an authorized facility.
- 5.3. All domestic wastewater pump sumps or other chambers from which spillages might occur shall be fitted with high-level alarms. The alarm systems contain an audible and visible alarm, and shall relay via GSM dial out to a responsible person.

There shall be no emergency overflow arrangements from any such sump. Adequate storage shall be provided to ensure there is no emergency overflow from this sump. Levels shall be set and controlled so that risk of odour nuisance is minimised, and contents are conveyed for treatment as expeditiously as practical. Pumping equipment shall comply with IS EN 12050-1.

- 5.4. Surface water drainage from the development shall not be discharged to the wastewater treatment plant.

Reason: To provide for the operation of pollution abatement equipment

6 CONTRIBUTIONS

- 6.1 The Licensee shall pay to the Licensing Authority such annual contributions towards the cost of monitoring the discharge as the Licensing Authority considers necessary for the performance of its duties under this Act as follows:

- a) Not later than September 30th 2021 the Licensee shall pay to the Licensing Authority a contribution of not less than (€275).
- b) In subsequent years the Licensee shall pay to the Licensing Authority an annual amount of not less than **(€550)** updated in accordance with the Consumer Price Index from the date of the grant of this licence to the value pertaining at the time of payment of each annual contribution.
- c) Notwithstanding the foregoing, the rate of contribution each year shall take account of the actual costs of monitoring as incurred by the Licensing Authority in the previous year and as estimated for the next year.

Reason: To provide for the sampling and implementation of licence