

1062

CORK COUNTY COUNCIL

**LOCAL GOVERNMENT (WATER POLLUTION) ACTS 1977 AND
1990**

Licence to discharge Trade Effluent or Sewage Effluent to Waters

Reference **TO / Health Service Executive**
No. In **Millenium Park**
WP(W)03/16 **Naas**
Co. 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)03/16

To **Health Service Executive**
Millenium Park
Naas
Co. Kildare

To Discharge **Discharge of trade effluent from operation of hospital**

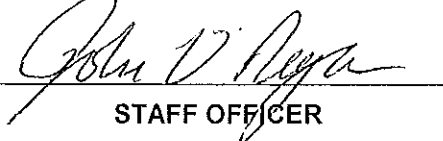
To (River) **River Blackwater**

Located at **Mount Alvernia Hospital, Mallow, 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 a sewer.

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

Signed on behalf of the said Council,


STAFF OFFICER

Dated this 13th day of February 2018

NOTE:

An appeal against a decision made by a Sanitary Authority under Section 16 and Section 17 of the Act of 1977, may be made to An Bord Pleanala 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 BORD PLEANALA, 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 Bord Pleanala any document, information or evidence in his possession or procurement, which An Bord Pleanala consider necessary for the purpose of determining the appeal.



Cork
County Council
Comhairle Contae Chorcaí

Environment Directorate,
Inniscarra,
Co. Cork

License to Discharge a Trade Effluent to Water.
Issued under Section 4 of the Local Government (Water Pollution) Acts
1977 to 2007

WP (W)03/16

Health Service Executive
Millennium Park,
Naas,
Co. Kildare

(Mount Alvernia Hospital)

Schedule

Wastewater Discharges shall take place only as specified in the licence application **WP(W)03/16** 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 the Licensee to notify 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.

This licence supersedes all previous licenses and correspondence issued in respect of the facility under the terms of the Local Government Water Pollution Act 1977 to 2007.

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 the environmental quality standard established for the receiving waters.
- 1.2. The licensee shall provide such infrastructural improvements by 21/01/2021 to comply with the emission limit values in Table 1. Infrastructural improvements shall include, but are not limited to, inlet screening and appropriate storm water storage where a combined sewer exists.
- 1.3. Fats, Oils and grease controls shall be provided in accordance with the proposal which accompanied this application.
- 1.4. 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.
- 1.5. 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.

Reason: For the management of wastewaters on the site

2 CONTAMINATED WASTE WATERS

- 2.1. All contaminated wastewater arising from the operation of the Health Service Executive facility at Mount Alvernia, Kilvealaton East, Mallow, Co. Cork shall be collected and discharged following treatment to surface waters (Blackwater (18_2383)) as indicated on drawings and maps which accompanied this application.
- 2.2. The wastewater flow shall not exceed 20 m³ /day
A flow meter shall be provided and maintained within 3 months of the date of issue of this licence.
- 2.3. 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. Safe access shall be provided and maintained to this sampling point which shall be clearly identified with a permanent sign. A sample taken at SW-01 shall be assumed to be representative of the discharge until the contrary can be shown.

Table 1: Wastewater Monitoring

Parameter	Unit	Interim ELV	ELV	Commencement date	Monitoring Frequency
pH	pH units		6 – 9	01/01/2021	Quarterly
BOD	mg/l	70% Reduction	25	01/01/2021	Quarterly
COD	mg/l	-	125	01/01/2021	Quarterly
Suspended Solids	mg/l	50% Reduction	35	01/01/2021	Quarterly
Total Phosphorus	mg/l	-	2	01/01/2021	Quarterly
Total Nitrogen (N)	mg/l	-	15	01/01/2021	Quarterly
Fats, Oils and Grease	mg/l		5	01/01/2021	Quarterly
Total Heavy Metals (Ba, Cr, Cu, Hg, Ni, Pb, Zn,)	mg/l	-	1	01/01/2021	Annually

Note 1: Any specified interim Emission Limit Value (ELV) shall apply from the date of grant of licence until the ELV commencement date.

- 2.4. Test methods used by the Licensee for the monitoring of the nature of the discharge shall be derived from Standard Methods For the Examination of Water and Wastewater (APHA, AWWA, WEF).
- 2.5. 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 immediately report the incident to the Licensing Authority by telephone (021 4532700) or fax (021 4532777) and shall confirm the communication in writing within twenty four hours.
- 2.6. For parameters other than pH, eight out of ten consecutive results shall not exceed the emission limit value. No individual results similarly calculated shall exceed 1.2 times the emission limit value. pH shall not deviate from specified range.

Reason: To control the emissions prior to discharge

3 SURFACE & GROUND WATERS

- 3.1. The Licensee shall on request of the Licensing Authority, implement a programme of surface and/or 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.

Reason: To protect ground waters from polluting matter

4 RESPONSIBLE PERSON

- 4.1 The Licensee shall ensure that a person or persons is/are available at all times to give relevant information on emissions to the Licensing Authority. The Licensee shall identify to the Licensing Authority each such person.

5 MONITORING

- 5.1. 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
- 5.2. The Licensee shall keep records of all monitoring carried out and shall retain such records for a minimum period of five years. The Licensee shall submit to the Licensing Authority at quarterly intervals the result of all monitoring relating to the previous quarter, together with any other records relating to pollution control which may be required by the Licensing Authority.
- 5.3. 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.
- 5.4. All submitted reports shall be signed by the Licensee's plant manager or other senior officer designated by the company.

Reason: To provide for adequate monitoring

6 TREATMENT PLANT

6.1. The Licensee shall initiate an approved maintenance programme for all such plant in use in the treatment process or in pollution control. A copy of the contract documents of the company contracted to operate and maintain the treatment plant shall be forwarded to the local authority prior to the operation of the plant.

As a minimum the following conditions shall be performed:

- (i) Daily inspection of the plant and a log maintained, verifying the operational conditions of the plant during the visit.
- (ii) Alarm systems which relay to a responsible contact person should any plant malfunction occur or a breakdown of plant equipment take place in the effluent system.
- (iii) The plant shall be checked after every period of excessive rainfall in order to ensure that the system has not been affected by flooding.
- (iv) All pump sumps or other treatment plant chambers from which spillages might occur shall be fitted with high level liquid alarms. The alarm systems shall relay to a responsible contact person for the site. Containment areas around pump sumps shall be put in place and all spillages diverted to/retained within the effluent treatment plant for treatment.
- (v) There shall be no nuisance odour outside the plant boundary. Odour abatement shall be managed through a structured monitoring and management of the operation of the wastewater treatment plant.
- (vi) Oil/water separators, washdown and silt trap separators shall be inspected at least monthly and cleaned at a minimum annual basis. Wastes from all pollution abatement equipment shall be removed by licensed waste disposal contractors only.

6.2. Equipment for the removal of fats, oils and greases (FOG) shall be installed upstream of the wastewater treatment plant. This equipment shall be operated and maintained to the satisfaction of the Licensing Authority. This unit shall be inspected and emptied at regular intervals and a log maintained of these inspections. This log shall be available for inspection by any authorized personnel representing anybody having statutory responsibility for water pollution control

Reason: To provide for the operation of pollution abatement equipment

7 CONTRIBUTIONS

7.1 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 2018 the Licensee shall pay to the Licensing Authority a contribution of not less than (€1050).
- b) In subsequent years the Licensee shall pay to the Licensing Authority an annual amount of not less than (€1050) 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