

**CORK COUNTY COUNCIL**

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

Licence to discharge Trade Effluent or Sewage Effluent to Waters

Reference **TO / Lagan Quarries Limited**  
No. In **Rosemount Business Park**  
WP(W)08/18 **Ballycoolin Road**  
**Dublin 11**

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)08/18

To **Lagan Quarries Limited**  
**Rosemount Business Park**  
**Ballycoolin Road**  
**Dublin 11**

To Discharge **Trade effluent arising from Quarry operations including the quarrying, the crushing of stone and asphalt production**

To (River) **Groundwater at Rossmore**

Located at **Rossmore, Carrigtwohill, Co. 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 28<sup>th</sup> day of November, 2018**

**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 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) 08/18**

**Lagan Quarries Limited,**  
Rosemount Business Park,  
Ballycoolin Road,  
Dublin 11.

Discharge from:

Lagan Quarries Limited,  
Rossmore,  
Carrigtwohill,  
Co. Cork

## **Schedule**

Wastewater Discharges shall take place only as specified in the licence application **WP(W)08/18** 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.

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. 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.
- 1.4. 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.
- 1.5. Surface water drainage from the development shall be discharged via Class 1 hydrocarbon interceptor (to IS EN 858) prior to discharge. A high level alarm shall be fitted to the oil storage chamber of the hydrocarbon interceptor. The interceptor and sump shall be installed and operated to the satisfaction of the Licensing Authority.

*Reason: For the management of wastewaters on the site*

### **2 CONTAMINATED WASTE WATERS**

- 2.1. All contaminated wastewater, including surface water runoff, arising from the operation of Lagan Quarries Limited, Rossmore, Carrigtwohill, Co. Cork shall be collected and discharged following treatment to groundwater (Midleton Groundwater Body - IE\_SW\_G\_058) as indicated on drawings and maps which accompanied this application.
- 2.2. The Licensee shall ensure that any discharge from the site does not cause deterioration in the status of the receiving groundwater body.

- 2.3. The wastewater flow from the wastewater treatment system shall not exceed 500m<sup>3</sup>/day or 25m<sup>3</sup>/hr. A flow meter shall be provided within 3 months of the date of issue of this licence.
- 2.4. In the event that there is a deterioration in the water quality indentified in EPA harbour monitoring assessments, the applicant shall at the request of the Licensing Authority, undertake an assessment of the impact of this discharge on the receiving water.
- 2.5. The Licensee shall agree with the Licensing Authority an effluent monitoring point, representative of the final effluent. Safe access shall be provided and maintained to this sampling point which shall be clearly identified with a permanent sign 'GW01 – Sampling Point'.
- 2.6. The Licensee shall establish a monitoring programme for the parameters listed in Table 1 at the required frequency. Grab samples shall be taken at GW01 – Sampling Point. A sample taken at GW01 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
pH	pH units	6.0 – 9.0	01/01/2019	Quarterly
Temperature	°C	25	01/01/2019	Quarterly
Suspended Solids	mg/L	35	01/01/2019	Quarterly
Total Heavy Metals (Ba, Cd, Cr, Cu, Hg, Ni, Pb,Zn)	mg/L	1	01/01/2019	Quarterly
Chromium VI	mg/L	0.15	01/01/2019	Annually
Phenols	mg/L	1	01/01/2019	Quarterly
Benzo(a)pyrene	mg/L	0.05	01/01/2019	Annually
Naphtalene	mg/L	0.05	01/01/2019	Annually

- 2.7. 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).
- 2.8. 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.
- 2.9. 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**

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- 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 surface and ground waters from polluting matter*

### **4 RESPONSIBLE PERSON**

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- 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.

*Reason: To protect surface and ground waters from polluting matter*

### **5 MONITORING**

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- 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 facility manager or other senior officer designated by the company.

*Reason: To provide for adequate monitoring*

## **6 TREATMENT PLANT**

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6.1. The Licensee shall initiate an approved maintenance programme for all such plant in use in the treatment process or in pollution control. As a minimum the following conditions shall be performed:

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.

*Reason: To provide for the operation of pollution abatement equipment*

## **7 CONTRIBUTIONS**

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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 30<sup>th</sup> 2018 the Licensee shall pay to the Licensing Authority a contribution of not less than (€1150).
- b) In subsequent years the Licensee shall pay to the Licensing Authority an annual amount of not less than (€1150) 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*