

652

CORK COUNTY COUNCIL

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

Licence to discharge Trade Effluent or Sewage Effluent to Waters

Reference **TO / Dromleigh National School**
No. In **Kilmichael**
WP(W)10/08 **Co Cork**

The Council of the County of Cork, in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 and 1990, as amended, hereby **GRANTS**

a Licence, Reference Number WP(W)10/08

To **Dromleigh National School**
Kilmichael
Co Cork

To Discharge **trade effluent from school**

To (River) **River Cooldorragha**

Located at **Kilmichael, 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 GF22,
CORK COUNTY COUNCIL,
INNISCARRA,
CO CORK.**

Signed on behalf of the said Council,



STAFF OFFICER

Dated this 23rd day of October 2008

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
Environment Directorate,
Inniscarra,
Co. Cork

Local Government Water Pollution Act 1977 to 2007

Licence under Section 4

W.P (W) 10/08

Dromleigh National School
Kilmichael,
Co. Cork

Schedule

Wastewater Discharges shall take place only as specified in the licence application **WP (W) 10/08** 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 interpret 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
- 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 This licence does not permit the discharge of compounds as listed in Appendix 1 of Water Quality (Dangerous Substances Regulations) S.I 12,2001. The licensee shall notify the Licensing Authority of all future non-domestic discharges from business units to the wastewater treatment plant prior to their commencement.
- 1.5 In compliance with Statutory Instrument S.I. 258 of 1998, the licensee shall report to the Licensing Authority on the reduction or elimination of detergents containing phosphorus compounds. This report shall be submitted by June 30th 2009

2 CONTAMINATED WASTE WATERS

- 2.1 All contaminated domestic wastewater arising from operation of a national school at **Dromleigh, Kilmichael, Co. Cork** shall be collected and treated by an onsite wastewater treatment plant, and discharged to groundwater via the percolation area, as indicated on drawing and maps which accompanied this licence application.
- 2.2 Contaminated wastewater arising from the above named development only, shall include the following,;
- Domestic wastewater
 - Any activity approved by the Licensing Authority
- 2.3 The wastewater treatment plant shall be operated with an ongoing maintenance contract, minimum of 3 years, which must be approved by the licensing authority prior to commencement of the discharge.
- 2.4 All effluent shall be treated and discharged to the **Cooldorrageha River** area as outlined in the license application and Drawing No. 01 which accompanied this application. The outflow pipe from the wastewater treatment plant shall be fitted with a sampling chamber. The sampling chamber shall be constructed with minimum dimensions 500mm square by 400mm deep.
- 2.5 The wastewater flow shall not exceed the lesser of 10 m³ /day or 1.5 m³ / hr
- 2.6 At the request of the licensing authority, the licensee shall install a UV system on the outlet channel from the wastewater treatment plant.
- 2.7 Grab samples obtained from the sampling chamber shall be tested by the licensee for the parameters indicated in the following table and no such sample taken at the point of sampling shall exceed the following condition limits from the date of issue of this licence:

pH	6.0– 8.5
Biological Oxygen Demand	30 mg L ⁻¹
Total Suspended Solids	40 mg L ⁻¹
Total Phosphorous as P	1 mg L ⁻¹

The frequency of testing for the above parameters shall be as follows;
Biannually for all parameters for the first twelve months from the commencement of discharge. Annually thereafter if the previous 12months data demonstrates 100% compliance with condition 2.7 above. The Licensing Authority reserves the right to alter the frequency of testing.

- 2.9 All test methods used by the Licensee for the monitoring of the nature of the discharge shall be agreed with the Licensing Authority. All laboratory equipment used for wastewaters monitoring shall be calibrated in accordance with the manufacturers' recommendations and records of such calibrations shall be held by the Licensee for inspection by the Licensing Authority on request.
- 2.10 In the event of malfunction or breakdown of the pollution abatement equipment, or, any other incident on site which may be rise to water pollution, the Licensee shall immediately report the incident to the Licensing Authority by telephone or telefax and shall confirm the communication in writing within twenty four hours.
- 2.11 The licensee shall carry out and document a visual inspection of the treatment plant and discharge point, weekly, and any abnormalities shall be noted. If it appears that abnormalities may be occurring as a result of the Licensee's discharges, then the Licensee shall immediately notify the Licensing Authority and initiate an investigation into the possible cause of the abnormalities.

3 SURFACE WATER/ GROUNDWATER

- 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 location of the wells are to be agreed with the Licensing Authority.

The programme shall include the monitoring of each well for the following parameters: conductivity, pH, Total Organic Carbon, heavy metals, hydrocarbons and mineral oils and such other parameters as may be indicated by the Licensing Authority on a frequency decided by the Licensing Authority. The Licensing Authority reserves the right to alter the frequency of testing.

4 STORAGE FACILITIES

- 4.1 All chemical/fuel storage tanks areas shall be rendered impervious to the materials stored therein. In addition, storage tank areas shall be bunded, either locally or remotely, to a volume of 110% of the largest tank within each individual bunded area.

5 SOLID WASTES

- 5.1 All wastes shall be recycled, recovered, or, reused in so far as is practical. All waste management options utilized shall be agreed in advance with the Licensing Authority. The volume of all wastes generated on site shall be recorded by the licensee. All such wastes shall be detailed as to source, route and type of recycling or disposal and classification under the European Waste Catalogue. This information shall be included in the annual summary report which must be returned to the Licensing Authority under the terms of this licence.
- 5.2 All treatment plant sludge shall be stabilized prior to disposal. The licensee shall submit a report detailing all issues relating to storage, handling and disposal of the treatment plants sludge. This report shall be approved by the licensing authority prior to disposal of any plant sludge, and no sludge may be removed off site for disposal until this approval has been granted.
- 5.3 The licensee shall submit the name of the licensed waste disposal contactor as per 5.2 above. Only licensed cooperators may be used in this regard.

6 MONITORING

- 6.1 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 reserve the right to carry out monitoring works on the Licensee's site in relation to the nature or quantity of discharges from the licensee's premises. 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.

- 6.2 The licensee shall keep records of all monitoring carried out and shall retain such records for a minimum period of five years. These records shall be available for inspection by authorized personnel representing any statutory body involved in water pollution at all reasonable times.

- 6.3 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. The percentage compliance with licence values for each parameter shall also be indicated.
- 6.4 Before January 31st of each calendar year, the Licensee shall submit a summary report of all monitoring carried out in the previous year. This report shall evaluate the operation of the facilities available on site to treat the wastewaters produced in the light of the results achieved in the previous year.
- 6.5 All submitted reports shall be signed by the Licensee's plant manager or other senior officer designated by Board of management.

7 RESPONSIBLE PERSON

- 7.1 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.

8 Treatment System

- 8.1 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 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;

- Weekly inspection of the treatment plant, and a log maintained verifying the operational conditions of the plant during the visit.
- The plant shall be checked after every period of excessive rainfall in order that the system has not been affected by flooding.

- 8.2 All sumps or other treatment plant chambers from which spillages might occur shall be fitted with a 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 the effluent treatment plant for treatment.
- 8.3 Noise levels shall be controlled in accordance with Environmental Protection Agency guidelines.
- 8.4 There shall be no odour nuisance outside the plant boundary. Odour abatement shall be managed through structured monitoring and management of the operation of the wastewater treatment plant.
- 8.5 A register shall be maintained on site of all maintenance work and inspections carried and this information shall be made available to the licensing Authority either on request or inspection on site.

CONTRIBUTIONS

9.1 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 March 31st, 2009 the licensee shall pay to the Licensing Authority a contribution of not less than (€200).
- b) In subsequent years the licensee shall pay to the Licensing Authority an annual amount of not less than (€200) 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.
- (b) 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.

10.2 Notwithstanding the foregoing, The licensee shall pay a contribution towards the cost of Cork County Council treating their effluent as shall be charged on a routine basis.

Mr Alan Costello,
Executive Scientist,
Cork County Council
Inniscarra,
Co. Cork.

23/10/2008

Re: Local Government (Water Pollution) Acts, 1977-1990 Application
Register No: WP(W)10/08

A Chara,

I enclose copy of Licence granted to Dromleigh National School
on the 23/10/2008 for your attention.

Mise le meas,



P.B. Finbar O'Keeffe
Environment Department
Room GF22
Cork County Council
INNISCARRA
Co Cork