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CORK COUNTY COUNCIL

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

Licence to discharge Trade Effluent or Sewage Effluent to Waters

Reference TO / Irish Distillers Ltd
No. In Ballynona North
WP(W)14/13 Dungourney
County 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)14/13

To Irish Distillers Ltd
Ballynona North
Dungourney
County Cork

To Discharge Rainfall runoff collected on site

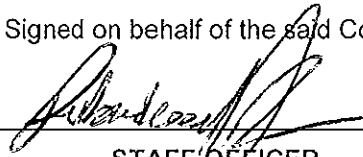
To (River) Walshestown River

Located at Ballynona North, Dungourney, 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 9th day of OCTOBER, 2013

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

W.P. (W) 14/13

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

Irish Distillers Ltd.
Simmonscourt House,
Simmonscourt Road,
Ballsbridge,
Dublin 4

Schedule

Storm water, wastewater and fire water discharges shall take place only as specified in this licence (**WP (W) 14/13**) 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 licences 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 STORM & WASTEWATER MANAGEMENT

- 1.1 The Licensee shall employ best available techniques (BAT) in the avoidance, minimisation, treatment and disposal of storm water, fire water and wastewater arising from the operation of a warehouse storage and maturation facility at **Ballynona (IDL Ballynona Site), Dungourney, Co. Cork.**
- 1.2 Comprehensive written operating instructions and procedures shall be prepared in respect of storm water, fire water and waste water control and treatment systems to assist personnel with responsibilities for the operations of such systems and plant. These procedures shall be made available to the Licensing Authority on request.
- 1.3 Operators with responsibilities in pollution prevention and control shall receive training adequate to enable them to execute their tasks in relation to pollution control. These records shall be made available to the Licensing Authority on request.
- 1.4 Operators with responsibilities in pollution prevention and control shall be identified to the Licensing Authority and contact telephone numbers supplied.
- 1.5 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.
- 1.6 If the Licensee enters into a contract with a third party for the operation and maintenance of the wastewater treatment plant, a copy of the most recent contract shall be enclosed with the annual environmental report (AER).
- 1.7 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. Biocides (pesticides, herbicides etc.) shall not be disposed of via the foul or surface system.

Reason: For the management of wastewaters on the site

2 STORM WATER

- 2.1 All storm water shall be collected and attenuated prior to discharge to the Walshestown River in accordance with plans and drawings submitted with this application.
- 2.2 Grab samples of the storm water runoff shall be tested by the Licensee for the parameters indicated in the following table and no such sample taken at the point of sampling in the discharge line shall exceed the following emission limit values (ELVs):

Parameter	ELV	
pH	6-8	pH units
Suspended Solids	35	mg/l
Chemical Oxygen Demand	50	mg/l
Mineral Oils	5	mg/l

- 2.3 The frequency of testing for the above parameters shall be as follows:
Monthly for all parameters for the first twelve months from the date of issue of this licence.
Quarterly per year thereafter if the previous twelve months data demonstrates 100% compliance with this condition (2.4).
- 2.4 Where three consecutive sample results are equal to or in excess of the ELV, an investigation is required and the Licensing Authority shall be notified.
- 2.5 The sampling point is the point of discharge into the Walshestown River. The Licensee shall ensure that safe and direct access to the sampling point and receiving waters is available via a gate in the perimeter fence at the discharge point.
- 2.6 The Licensee shall provide an automatic high level alarm system on the oil storage compartment of the hydrocarbon interceptor. The hydrocarbon separator shall be emptied if hydrocarbon levels reaches 90 per cent of the oil storage volume (V) under static liquid level conditions or the alarm is activated. The retained waste must be removed and the separator refilled with clean water before being put back in to service.
- 2.7 Every six months, or in accordance with manufacturer's instructions, experienced personnel shall:
- Physically inspect the integrity of the separator and all mechanical parts
 - Assess the depth of accumulated oil and silt
 - Service all electrical equipment such as alarms and separator management systems
 - Check the condition of any coalescing device and replace it if necessary
- Every five years the separators shall be emptied and given a general inspection to test the integrity and performance of the system. The separator must be refilled with clean water following such an inspection.
- 2.8 Annual macroinvertebrate sampling shall be carried by a suitably qualified person. Two sites of similar substrate shall be agreed with the Licensing Authority, one upstream and one downstream of the discharge point. Sampling shall be in accordance with EPA guidelines. Results shall be included in the Annual Environment Report.

Reason: To control the emissions prior to discharge

3 FIRE WATERS

- 3.1 All fire water arising from the operation of warehouse storage facility at Ballynona (IDL Ballynona Site). Cork shall be collected in a fire water retention pond.
- 3.2 The stop valve on the fire water retention pond shall remain shut at all times, unless to discharge uncontaminated storm water to the surface water drainage system.
- 3.3 The Licencee shall notify the Licensing Authority in the event of any site emergency event with potential for surface water contamination and/or where fire water is produced.
- 3.4 Contaminated fire water shall be retained until the reactivity, corrosivity and toxicity established, and a treatment and disposal protocol agreed with the Licensing Authority.

Reason: To protect surface and groundwaters from polluting matter

4 DOMESTIC WASTEWATERS

- 4.1 The domestic wastewater treatment plant shall achieve an effluent quality of 20/30/10mg/l (BOD/SS/Ammonia) prior to discharge to percolation.
- 4.2 This wastewater treatment plant shall be operated and maintained to the satisfaction of the Licensing Authority and in accordance with the manufacturer's instructions. Written evidence of a maintenance contract to ensure the continuous operation of the treatment plant shall be submitted and agreed with the Licensing Authority.
- 4.3 The plant shall be checked after every period of excessive rainfall in order to ensure that the system has not been affected by flooding.

Reason: To protect surface and groundwaters from polluting matter

5 GROUND WATER

- 5.1 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 is to be agreed with the Licensing Authority.
- 5.2 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.

Reason: To protect surface and groundwaters from polluting matter

6 STORAGE FACILITIES

- 6.1 All storage tank areas and drum storage 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. Drum storage areas shall be bunded to a volume equal to 110% of the sum of the volumes of the largest ten drums likely to be stored therein. The height of the bund for any drum storage area shall be not less than 300 millimeters.
- 6.2 The integrity and water tightness of all the bunded structures, storage tank and their resistance to penetration by water or other materials stored therein shall be tested and demonstrated by the Licensee to the satisfaction of the Licensing Authority. The results of these tests shall be certified by a Chartered Engineer.

Reason: To protect surface and groundwaters from polluting matter

7 MONITORING

- 7.1 The Licensee shall grant immediate and unhindered access to the site and any portion of the effluent treatment plant, including sewers and pipes, surface water management system, fire water management system, 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.

- 7.2 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. The Licensee shall submit to the Licensing Authority at quarterly intervals the results 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. The format of these results shall include minimum, maximum and average values for each of the parameters tested.
- 7.3 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.
- 7.4 Before January 31st of each calendar year, the Licensee shall submit a summary annual 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. The report shall also outline the intentions of the Licensee with regard to the upgrading of treatment facilities or operations should these results not fully comply with the terms of this licence. All monthly and annual reports shall be certified accurate and representative by the Licensee's plant manager or other senior officer designated by him.

Reason: To provide for adequate monitoring

8 SOLID WASTE

- 8.1 All wastes shall be recycled, recovered or reused in so far as is practical. 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 Environmental Report which must be returned to the Licensing Authority under the terms of this licence. Refer to condition 6.4.
- 8.2 While awaiting disposal, all wastes and by-products shall be collected and stored in designated areas protected against spillage and to prevent leachate run-off.
- 8.3 All treatment plant sludges shall be stabilized prior to disposal or alternative proposals may be submitted for disposal. Only licensed operators may be used for sludge disposal.

Reason: To provide for the safe disposal of solid waste which through leakage give rise to surface or groundwater pollution

9 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 September 30th 2014 the Licensee shall pay to the Licensing Authority a contribution of not less than €900.
 - (b) In subsequent years the Licensee shall pay to the Licensing Authority an annual amount of not less than €900 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