

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence: L/1/09*
2. *Name and address of the applicant: Brittas Bay Management Ltd., Yeoman House, Richview Office Park, Clonskeagh, Dublin 14.*
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: Brittas Bay Park, Cornagower West, Co. Wicklow.*
4. *Description of Waters to which Discharge is made: Ground Water*
5. *Location of point(s) of discharge: Percolation area on site*
6. *Description of effluent: Domestic sewage effluent sewage*
7. *Date of grant of licence: 10th September, 2010.*
8. *Condition attached to licence: Conditions 1 – 11.3 incl as set out in licence*
9. *If licence is revised, reference no. of previous licence: N/A*
10. *Notification by An Bord Pleanála of appeal:*
 - i. *Date: 15th December, 2009.*
 - ii. *Board's reference: WW.27.WW0396*
11. *Result of appeal: Appeal allowe - Conditions 2.2 & 2.3 attached.
Conditions 1.7, 2.1,3.3, 4.3 and 6.1 amended.*

STATUS: *Current*

LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 – 1990
LOCAL GOVERNMENT ACT 2001
WATER SERVICES ACT 2007

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 94 (Amended)

Local Authority: - Wicklow County Council

To: Brittas Bay Park Management Limited.
Yeoman House,
Richview Office Park,
Clonskeagh,
Dublin 14

C/o Ciaran Costello
Maxpro Consultants.
2 Harbour Heights,
Kinsale,
Co. Cork

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977 – 1990, Local Government Act, 2001, Water Services Act, 2007, hereby grant an amended licence in accordance with An Bord Pleanála's decision dated 30th August, 2010, (Ref. 27.WW.0396) to discharge sewage effluent from the Brittas Bay Park to ground water after appropriate treatment, subject to the following conditions:-

LICENCE CONDITIONS

1. **General Layout and Operation**
 - 1.1 This License shall be in respect of the discharge of sewage effluent from Brittas Bay Park, Cornagower West, Co. Wicklow to groundwater via a percolation area after appropriate treatment in an activated sludge treatment plant and treatment wetlands.
 - 1.2 The premises of the Brittas Bay Park shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent to groundwater in accordance with this licence.

- 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.
- 1.4 The Licensee's wastewater treatment plant shall be operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions, 2.1 and 2.2.
- 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.
- 1.6 The wastewater treatment plant area shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of this area. The Licensee shall install and maintain a secure palisade fence with gated entrance to the wastewater treatment plant area. The gates to the compound shall be kept locked at all times except to allow for authorised access. The Licensee shall construct and maintain suitable vehicular road access to the compound and ground surfaces within the compound. The Licensee shall construct and maintain a suitable footpath track around the treatment wetlands to facilitate inspection.
- 1.7 The licensee shall provide spring-loaded lids on the access manholes where regular inspections or sampling is to be carried out. A total number of five locations requiring spring-loaded manholes are identified as follows:-
 - (i) Raw sewage pumping chamber;
 - (ii) Manhole facilitating access to the first tank of the activated sludge treatment plant tank;
 - (iii) Manhole facilitating access to the second tank of the activated sludge treatment plant tank;
 - (iv) Activated sludge treatment plant outlet sampling chamber;
 - (v) Sampling chamber at the outlet of the treatment wetlands.
- 1.8 The Licensee shall provide suitable facilities for hand washing, cleaning of the treatment plant and record keeping on site.
- 1.9 Where there is a complete/partial change in the ownership of the premises to which the licence relates, the responsibility to comply with the conditions attached to the licence shall transfer pro-rata to the new owner(s).

2. Effluent Volume and Characteristics

- 2.1 The total volume of the treated effluent discharged from the wastewater treatment plant shall not exceed 45 m³/d, subject to a maximum flow rate of 6m³/hr.

- 2.2 The treated effluent discharged from the activated sludge wastewater treatment plant shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1

PARAMETER	PARAMETRIC LIMIT VALUE
pH	6 to 9
Temperature	$\leq 25^{\circ}\text{C}$ or ambient
BOD ₅	$\leq 20\text{ mg/l O}_2$
COD	$\leq 100\text{ mg/l O}_2$
Suspended Solids	$\leq 30\text{mg/l}$
Total Ammoniacal Nitrogen	$\leq 15\text{ mg/l N}$
Nitrate	$\leq 15\text{ mg/l N}$
Phosphate	$\leq 5\text{ mg/l P}$
Fats/Oils/Grease	$\leq 20\text{mg/l}$
Detergents	$\leq 1\text{mg/l}$

- 2.3 The treated effluent discharged from the treatment wetland shall comply with the quality standards set out in respect of the parameters in Table 2 below.

Table 2

PARAMETER	PARAMETRIC LIMIT VALUE
pH	6 to 9
Temperature	$\leq 25^{\circ}\text{C}$ or ambient
BOD ₅	$\leq 10\text{ mg/l O}_2$
COD	$\leq 50\text{ mg/l O}_2$
Suspended Solids	$\leq 10\text{mg/l}$
Total Ammoniacal Nitrogen	$\leq 1\text{ mg/l N}$
Nitrate	$\leq 1\text{ mg/l N}$
Phosphate	$\leq 2\text{ mg/l P}$

3. Sewage Treatment

- 3.1 The wastewater treatment plant, the treatment wetlands and the percolation area shall be laid out in accordance with drawings and design submitted as part of the application for this licence.
- 3.2 The Licensee shall arrange for a competent engineering firm, with professional indemnity insurance, to certify that the foul sewers and wastewater treatment plant have been installed in accordance with drawings and design submitted within two months of the date of the issue of this licence. Particular attention shall be taken in the examination to ensure the exclusion of rainwater from the foul water system.
- 3.3 The wastewater treatment plant shall be capable of producing an effluent standard in compliance with condition 2.2. Duty and standby sewage pumps with automatic changeover capability and alarms shall be provided. The aeration equipment shall be fitted with an alarm system.

- 3.4 The treatment wetlands shall be capable of producing an effluent standard in compliance with condition 2.3.
- 3.5 The percolation trenches shall be marked and care shall be taken to avoid compaction of the subsoil by heavy vehicles travelling over them. The distribution manholes should be readily accessible and checked regularly to ensure that they are functioning properly.
- 3.6 The Licensee shall provide for routine operation and maintenance of the treatment wetlands including hydraulic and water depth control, inlet/outlet structure cleaning, grass mowing on berms, inspecting berm integrity and managing wetland vegetation. The Licensee shall arrange for a competent engineering firm, with professional indemnity insurance, to inspect and report on the berm integrity within two months of the date of the issue of this licence and once every three years thereafter.

4. Treatment Plant Maintenance

- 4.1 The Licensee shall inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the wastewater treatment plant, treatment wetlands and percolation area within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the wastewater treatment plant, treatment wetlands and percolation area shall be kept on file for inspection.
- 4.2 The Licensee shall employ the services of a competent engineering/environmental consultant(s), for the maintenance of the wastewater treatment plant and treatment wetlands, on a contractual basis. The contract(s) shall provide for an emergency call-out service in the event of breakdown of the treatment plant or malfunction of the treatment wetlands. The contract(s) shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.
- 4.3 The activated sludge wastewater treatment plant shall be in operation during all periods in which residency is permitted in the holiday homes. A copy of a maintenance contract for the activated sludge wastewater treatment plant shall be submitted to the licensing authority within one month from the date of issue of this licence. The maintenance contract for the activated sludge wastewater treatment plant shall include at least three maintenance/inspection visits by a firm specialising in maintenance of wastewater treatment plants each year. In the case of the treatment wetlands, the contract shall include at least one inspection by a consultant (wetland specialist) each year. A copy of each maintenance/inspection report shall be submitted to the licensing authority within one month from the date of the report becoming available.
- 4.4 The Licensee shall ensure that the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of the wastewater treatment plant and the treatment wetlands from the manufacturer/supplier of the plant or from the competent engineering or environmental consultant. The Licensee shall also ensure that the nominated and substitute trained persons receive instruction manuals detailing the inspection and operation of the wastewater treatment plant, treatment wetlands and percolation area.

5. Provision of Monitoring Stations

- 5.1 The Licensee shall provide safe, permanent, unhindered and immediate access to two sampling point locations.

Effluent: Suitable chambers shall be provided for sampling the treated effluent pre-treatment wetlands and post-treatment wetlands. The sampling chambers shall facilitate flow measurement, and grab and composite sampling of the effluent.

Free access by Authorised Officers of the Licensing Authority and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977 shall be provided at any time on request.

6. Monitoring Regime

- 6.1 The licensee shall install and maintain a suitable flow meter with datalogger on the effluent discharge line from the wastewater treatment plant before the treatment wetlands for the measurement and recording of the hourly flow rate and daily discharge volume to the treatment wetlands. A certificate of calibration for the flow measuring device and datalogger shall be forwarded to the licensing authority within six months from the date of issue of this licence. Further such certificates shall be submitted on request.
- 6.2 The Licensee shall arrange to have two representative samples of the treated effluent taken, one prior to treatment wetlands and one post treatment wetlands and tested at least four times per year, in respect of the parameters listed in table 3 below:

Table 3

PARAMETER	Unit of Expression
pH	pH Unit
Temperature	°C
BOD ₅	mg/l O ₂
COD	mg/l O ₂
Suspended Solids	mg/l
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Nitrate	mg/l N

In addition the Licensee shall arrange to have a representative sample of the treated effluent tested at least once each year in respect of the parameters listed in table 4 below: -

Table 4

PARAMETER	Unit of Expression
Fats/oils/grease	mg/l
Detergents (MBAS)	mg/l

- 6.3 In the event of a non-compliant effluent sample, additional samples of the effluent shall be taken and tested on a monthly basis until such time the results of analyses show that non-compliance has been controlled. Monitoring of influent and process wastewater shall also be carried out as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (Page 30 section 5.4.7), where the treatment plant does not perform satisfactorily. The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent where a pattern of full compliance with the licence conditions has become established.
- 6.4 The Licensee shall enter into a service contract with an accredited laboratory to ensure that the treated effluent samples are tested in accordance with conditions 6.2 and 6.3. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.
- 6.5 The Licensee shall install and maintain a strategically located monitoring borehole(s) in the vicinity of the percolation area to determine the impact of the discharge on groundwater quality. The location(s) of the monitoring borehole(s) shall be selected based on the advice of a hydrogeologist. The Licensee shall arrange to have representative sample(s) of groundwater tested at least once each year in respect of the parameters listed in Table 5.

Table 5

PARAMETER	Unit of Expression
pH	pH Unit
Temperature	°C
BOD ₅	mg/l O ₂
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Nitrate	mg/l N
Total Coliforms	No./100ml
Faecal Coliforms	No./100ml
Potassium	mg/l K
Sodium	mg/l Na
Chlorides	mg/l Cl
Conductivity	Us/cm

7. Sludge and Other Waste Disposal

- 7.1 The sludge and other waste material arising from the wastewater treatment plant shall be disposed of in accordance with the Waste Management (Use of Sewage Sludge in Agriculture) Regulations, 1998 to 2001 (SI No. 148 of 1998)(SI No. 267 of 2001), Waste Management (Permit) Regulations, 1998 (SI No. 165 of 1998) and any other relevant regulation as specified under the Waste Management Act, 1996. The Licensee shall inform and agree with the Licensing Authority the manner in which it is proposed to dispose of sludge within two months of the date of issue of this Licence.

8. Monitoring Records

- 8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be kept on file at the premises. The Licensee shall arrange with their contract laboratory to send electronic copies of the analytical records to the Licensing Authority within two weeks of the period to which they relate. The Licensee shall send electronic copies of the flow records to the Licensing Authority within two weeks of the period to which they relate. A template for the purpose of the electronic submission will be available from the Licensing Authority. Paper copies of these records shall also be submitted to the Licensing Authority upon two weeks of a request.
- 8.2 The Licensee shall maintain legible traceable records of sludge removal and other waste material from the wastewater treatment plant and logs of the inspection and operation of the wastewater treatment plant and the treatment wetlands.
- 8.3 The records referred to in conditions 8.1 and 8.2, shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other person Authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996, at any time on request.

9. Access by Authorised Personnel

- 9.1 Authorised officers of the Licensing Authority or its agents and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, shall have access to the Licensee's wastewater treatment plant, treatment wetlands and drainage systems at all reasonable times including if necessary, times other than normal working hours, and shall also have access to the wastewater treatment plant, drainage system and to the site in general, at all times in the event of an emergency.
- 9.2 Details of contact personnel (referred to in condition 4.1), including addresses, email and telephone numbers shall be made available to the Licensing Authority, for contact in the event of an emergency, within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times and shall be empowered by the Licensee to taken appropriate corrective action to prevent and stop pollution.

10. Monitoring Contribution to the Licensing Authority

- 10.1 The Licensee shall pay on demand an annual contribution fee of €780 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the corresponding portion of the annual fee for the period from the date of issue of the Licence to the end of the calendar year i.e. €240.69. The subsequent annual contribution fees shall be reckoned on the initial sum of €780 when adjusted in accordance with the consumer price index for the intervening period since the date of issue of the Licence.

11. Notification to the Licensing Authority

- 11.1 The Licensee shall notify the Licensing Authority in writing of any changes in ownership of the premises or company name or personnel referred to in conditions 4.1 and 9.2 of this Licence.
- 11.2 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises, which could cause a material alteration in the nature, or an increase in the volume or concentration of the treated effluent discharged.
- 11.3 The Licensee shall notify the Licensing Authority of any accidental discharge, spillage or deposit of polluting matter, which enters or is likely to enter the surface water drains, or the groundwater or watercourses, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

SIGNED: _____


PHILIP DUFFY,
SENIOR EXECUTIVE OFFICER,
WATER & ENVIRONMENTAL SERVICES.

DATE:

10th September, 2010.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/182
2. *Name and address of the applicant:* Loftus Bryan Chemicals, Avondale Chemicals Co. Ltd.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Copse, Rathdrum, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Avonmore River
5. *Location of point(s) of discharge:* Copse, Rathdrum, Co. Wicklow
6. *Description of effluent:* Trade and domestic sewage effluent sewage
7. *Date of grant of licence:* 4th May 1982
8. *Condition attached to licence:* Conditions 1.1 to 7.1 as set out in licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - i. *Date:*
 - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: LAPSED

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* WPL 1 (Ess/14/14/284)
2. *Name and address of the applicant:* Retirement International (Ireland) Ltd., 51 Donnybrook Road, Dublin 4.
 - Acquired by Ms Mary Corneil, Clonmannon Nursing Home, Rathnew, Co. Wicklow – 4/11/1988
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Retirement village at Clonmannon House, Clonmannon, Rathnew, Co. Wicklow.
4. *Description of Waters to which Discharge is made:* St. George's Channel
5. *Location of point(s) of discharge:* Retirement village at Clonmannon House, Clonmannon, Rathnew, Co. Wicklow
6. *Description of effluent:* Sewage effluent
7. *Date of grant of licence:* 14th February 1985
8. *Condition attached to licence:* Conditions 1 to 11 as set out in Licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - i. *Date:*
 - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: CURRENT

LOCAL GOVERNMENT (WATER POLLUTION) ACT, 1977.

LICENCE TO DISCHARGE SEWAGE EFFLUENT TO WATERS.

Charley Bowen Am
Office no
Site office - *low 64*
4225

WICKLOW COUNTY COUNCIL,
COUNTY BUILDINGS,
WICKLOW.

Ref. In Register
Ess/14/14/284

TO: RETIREMENT INTERNATIONAL (IRL.) LIMITED,
51 DONNYBROOK ROAD,
DUBLIN 4.

Wicklow County Council, in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977 hereby grants a Licence to discharge domestic sewage effluent from the Retirement Village at Clonmannon House, Clonmannon, Rathnew, Co. Wicklow, to St. George's Channel, subject to the following conditions:-

1. Treated effluent only from the foul effluent treatment plant shall be discharged to sea through a single approved discharge outlet which shall be laid to a minimum distance of 30m beyond the low tide mark, and constructed and located in accordance with the submitted drawings no. 8338-P-002 and 8338-P-004.
2. Treated effluent to be discharged to sea shall comply with the standards set out in Condition 4 hereunder and no untreated or inadequately treated effluent from any area of the village development or from the proposed treatment plant, shall be allowed discharge either directly or indirectly to sea.
3. The total volume of effluent to be discharged shall not exceed 36m³ per day. All discharges shall be at such times and in such manner as will allow maximum dispersal by tidal activity.
4. All effluent discharged shall comply with the following standards:-
 - 4.1 The BOD content of the effluent shall not exceed 20mg/l at any time.
 - 4.2 The suspended solids content of the effluent shall not exceed 30mg/l at any time.
 - 4.3 The pH of the effluent discharged shall be within the range 6.5 to 8.5 at any time.
 - 4.4 The effluent discharged shall contain no tarry residues and no surface active substances such as would give rise to foaming.
 - 4.5 The effluent discharged shall be such as to have no material effect on the colour or odour of the receiving waters.
5. Uncontaminated surface water runoff from roofs, roads, etc., shall be separately collected and discharged to existing water-courses.

Contd/.....

6. Provision shall be made by the Company to facilitate the measurement of effluent flow and the taking of effluent samples before discharge to sea. Wicklow County Council shall be furnished with details of the said measuring and sampling points not later than 2 months after the date of issue of this Licence, and the Council or its agents shall have unrestricted access to these points at all times.
7. The Company shall install and commission a suitable automatic flow recorder, incorporating an integrator, which shall record all effluent flows discharging to sea. Such recorder shall be installed within one month of commissioning and operation of the treatment plant.
8. The Company shall keep records of the flow and quality of all effluent discharged to sea. These records shall consist of daily total flow and the analysis of a quarterly composite sample. Copies of these records shall be furnished to the Council on a half-yearly basis or at any intervening period on receipt of a written request. The records shall be made available by the Company for inspection by an Authorised Officer of the Council at any time between 10.00 a.m. and 5.00 p.m. Monday to Friday.
- The composite effluent samples shall be analysed for the following parameters:
- (i) BOD₅
 - (ii) Suspended Solids
 - (iii) pH
9. The effluent treatment plant shall be operated by a designated member of the Company's staff who shall be fully instructed and trained in its operation and maintenance. The Company shall additionally provide whatever other fully trained staff are necessary to facilitate annual or sick leave of plant operator.
10. All waste sludge generated by the effluent treatment plant shall be stored, transported and disposed of in accordance with the provisions of the European Communities (Waste) Regulations, 1979 (S.I. No. 390 of 1979).
11. The Company shall pay Wicklow County Council an annual contribution of £150 (based on January 1985 prices and index-linked to the Department of the Environment Building Cost Index) towards the cost of monitoring the discharge. This payment will fall due on the 1st April each year, commencing on 1st April, 1985 and shall be paid within 4 weeks from that date.

Signed: *[Signature]*
COUNTY SECRETARY

Dated: 14/2/85

NOTE: An appeal against the above decision may be made before the expiration of one month from the date of the above decision. Such appeal shall (a) be made in writing (b) state the subject matter of the appeal (c) state the grounds of appeal, and (d) be accompanied by a deposit of £30.00. A request for an Oral Hearing of the appeal shall be made in writing. The appeal (if any) against the above decision should be addressed to the Secretary, Planning Appeals Board, Hollbrook House, Holles Street, Dublin 2.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/282
2. *Name and address of the applicant:* Dr. Beate Schuler (Iropharm Ltd) Ballyraine Lower, Arklow, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Ballyraine Lower, Arklow, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Avoca River
5. *Location of point(s) of discharge:* Ballyraine Lower, Arklow, Co. Wicklow
6. *Description of effluent:* Trade and domestic sewage effluent
7. *Date of grant of licence:* 28th February 1986
8. *Condition attached to licence:* Conditions 1.1 to 15 as set out in the Licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - i. *Date:* 2nd April 1986
 - ii. *Board's reference:* WP 27/19/162
11. *Result of appeal:* Appeal determined 08/09/1986
 - i. Conditions 7, 10, 13.1, 14.2 and 14.3 amended
 - ii. Appealed Licence transmitted on 16/09/1986

STATUS: LAPSED

GOVERNMENT (WATER POLLUTION) ACT, 1977.
LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS
WICKLOW COUNTY COUNCIL
COUNTY BUILDINGS,
WICKLOW.

REF. IN REGISTER EFF/14/14/282

TO/
Dr. Beate Schuler,
Iropharm Ltd.,
Ballyraine Lower,
Arklow,
Co. Wicklow.

WICKLOW COUNTY COUNCIL in exercise of the power conferred on it by the Local Government (Water Pollution), Act, 1977, hereby grants a Licence to discharge trade and domestic sewage effluent from the pharmaceutical chemicals manufacturing and treatment plant located at Ballyraine Lower, Arklow, Co. Wicklow to the Avoca River at Ballyraine Lower, subject to the following conditions:-

- 1.1 No untreated effluent shall be allowed discharge directly to or run off in such a manner as to result in pollution of the Avoca River.
- 1.2 All effluent generated at the plant shall be discharged to the effluent treatment plant and shall receive sufficient treatment prior to discharge to the Avoca River to meet the standards as set out below.
- 1.3 Treated effluent shall be discharged via a single discharge point, the identification of which shall be clearly marked and agreed with the Licensing Authority.
- 1.4 No overflows of untreated effluent or of inadequately treated effluent shall be allowed to discharge, either directly or indirectly, to the Avoca River from any part of the site or from the effluent Treatment Plant.
- 2.1 The total volume of effluent to be discharged shall not be greater than 20m³ per day.
- 2.2 Effluent shall be uniformly discharged throughout the day, and the rate of discharge shall not, in any case, exceed 1m³ per hour.
- 3.1 Oils, grease and fats shall not be present in the effluent or discharged in such quantities as to:
 - (a) Form visible film on the surface of the water,
 - (b) Form coatings on the river bed, benthic biota or food sources,
 - (c) Cause deleterious effects on aquatic life, or
 - (d) Impart a detectable taste or odour to edible aquatic species.
- 4.1 The B.O.D. content of the effluent shall be such that the total B.O.D. loading shall not normally exceed 10kg per day, and in any case shall be such as will not cause the B.O.D. of the receiving waters to be increased by more than 1 mg per litre.

suspended solids content of the effluent shall be such as will not

:

- (a) Any direct effects resulting in fish kills, reduced growth or reduced resistance to disease,
- (b) Any prevention of the successful development of fish eggs and larvae by blanketing the bottom of the stream, or
- (c) Any interference with the natural movement and migration of fish.

6.1 The temperature shall be such that the temperature of the receiving waters shall not be increased by more than 1.5° C and shall not in any case exceed 21.5°C as a result of the discharge.

~~7.1 The pH of the receiving waters shall not be increased or decreased by more than 0.5 units as a result of the effluent discharge.~~

8.1 The quality of the treated effluent discharge shall be such that it shall comply with the following additional quality standards:

- (a) C.O.D., maximum allowable concentration 2500mg per litre,
- (b) Sodium Chloride, maximum allowable concentration 500mg per litre,

9.1 No chemicals, other than those specified in this licence shall be discharged to the receiving waters except by prior agreement with the licensing authority.

10.1 The Company shall carry out an initial toxicity test on the receiving waters, using a representative local aquatic species. Additional measures for assessment of the toxic effect of the discharged effluent on the receiving waters, including the required frequency of any such assessment, shall be agreed between the Company and the Licensing Authority, based on the result of this initial toxicity test.

11.1 All sludges and other wastes generated shall be treated, stored, transported and disposed of in accordance with the provisions of the European Communities (Waste) Regulations, 1979 (S.I. NO. 390 of 1979) and the European Communities (Toxic and Dangerous Wastes) Regulations, 1982 (S.I. N. 33 of 1982).

12.1 Provision shall be made by the Company to facilitate the measurement of effluent flows and the taking of effluent samples before discharge to the receiving waters.

12.2 Wicklow County Council or its agents, shall have access to the said measuring and sampling points at all times. Access shall be through contact with a designated member of the Company staff, which arrangement shall include for access, if necessary, at times other than normal working hours.

12.3 The Company shall provide a suitable automatic flow recorder, incorporating an integrator, which shall record all effluent flows, such recorder to be installed within two months of the date of issue of this licence.

12.4 The Company shall provide automatic sampling equipment capable of taking 24 hour flow proportional composite effluent samples, such equipment to be installed within two months of the date of issue of this Licence.

13.1 The Company shall keep records of the flow and quality of all effluent to be discharged to the receiving waters. These records, initially shall consist of:-

Daily total flow.

Daily analysis of C.O.D., suspended solids, pH and temperature.

Analysis once a month of a 24 hour flow proportional composite sample, analysed in respect of B.O.D. and sodium chloride in addition to the above parameters.

The requirement for daily analysis, set out in 13.1. (b) above, may be revised to a lesser frequency in respect of certain parameters by agreement with the Licensing Authority, following establishment of satisfactory evidence that the Company is operating consistently within the Licence conditions.

- 13.3 Copies of flow and analysis records shall be furnished to the licensing Authority on a monthly basis, and within 10 days of the end of each month. The records shall also be made available by the Company for inspection by an authorised officer of the Licensing Authority at any time between 10.00 a.m. and 5.00 p.m., Monday to Friday, at the Company's premises.
- 14.1 The Company shall pay the Licensing Authority an annual contribution towards the cost of monitoring the discharge and receiving waters.
- 14.2 The initial contribution shall be £250.00, to be paid on issue of the Licence, and subsequent payments will fall due on the 1st May, each year, commencing 1st May, 1987 and shall be paid within four weeks of that date.
- 14.3 The amount of the contribution shall be reviewed at two-yearly intervals and shall be index-linked to the Department of the Environment Building Cost Index, the initial contribution of £250.00 being set as the figure for May, 1986.
- 15.1 The Licensing Authority may review this Licence in accordance with Section 7 of the Local Government (Water Pollution), Act, 1977 and articles 13, 14 and 15 of the Local Government (Water Pollution) Regulations, 1978 (S.I. No. 108 of 1978).


COUNTY SECRETARY

DATE: 10/11/86

NOTE:

An appeal against the above decision may be made before the expiration of one month from the date of the above decision. Such appeal should be made under Section 8 of the Local Government (Water Pollution), Act, 1977 and shall:-

- (a) be made in writing.
- (b) State of the subject matter of the appeal,
- (c) State the grounds of the appeal.

Appeals should be addressed to the Secretary, An Bord Pleanála, Bocks 6 and 7, Irish Life Centre, Lower Abbey Street, Dublin 1 and should be accompanied with a fee of £36.00.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/285 (WPL 2)
2. *Name and address of the applicant:* Dillon's Smokehouse and Fisheries, Coatsbridge, Auhgrim, Co. Wicklow.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Coatsbridge, Auhgrim Co. Wicklow
4. *Description of Waters to which Discharge is made:* Auhgrim River, Co. Wicklow
5. *Location of point(s) of discharge:* Coatsbridge, Co. Wicklow
6. *Description of effluent:* Trade and domestic sewage effluent
7. *Date of grant of licence:* 17th July 1986 24th September 1986.
8. *Condition attached to licence:* Conditions 1.1 to 13 as set out in Licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - i. *Date:*
 - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: CURRENT

LOCAL GOVERNMENT (WATER POLLUTION ACT 1977).
LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS.

WPC/2

WICKLOW COUNTY COUNCIL,
COUNTY BUILDINGS,
WICKLOW.

REF. IN REGISTER:
ESS/14/14/285.

TO: THE SECRETARY,
DILLONS SMOKEHOUSE & FISHERIES LTD.,
AUGHIRM,
COUNTY WICKLOW.

The Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977 hereby grants a Licence to discharge trade and domestic sewage effluent from the Smokehouse & Fisheries Plant located at Coatsbridge, Aughrim, County Wicklow to the Aughrim River at Coatsbridge, Aughrim, subject to the following conditions:-

- 1.1 Untreated effluent shall not be allowed discharge directly to or run off in such a manner as to result in pollution of the Aughrim River.
- 1.2 All effluent generated by the development shall be conveyed for treatment to the proposed effluent treatment plant to be located on site.
- 1.3 In addition to the primary treatment, including screening and sedimentation as set out in paragraph 8(d) of the application form, the applicant shall provide further effluent treatment in the form of a series of 70mm diameter percolating drains laid between 2 No. 150mm layers of pea gravel filter media, following primary treatment and prior to discharge of final effluent to the Aughrim River. The proposed treatment plant shall be re-located on site to facilitate provision of the additional treatment area required.
- 1.4 All effluent shall be discharged via a single discharge point, the identification of which shall be clearly marked and agreed with the licensing authority.
- 2.1 The total volume of effluent to be discharged shall not be greater than 5m³ per day.
- 2.2 Effluent shall be uniformly discharged throughout the day, and the rate of discharge shall not in any case exceed 1m³ per hour.
3. Oils, grease and fats shall not be present in the effluent or discharged in such quantities as to -
 - (a) form visible films on the surface of the water,
 - (b) form coatings on the river bed, benthic biota or food sources,
 - (c) cause deleterious effects on aquatic life, or
 - (d) impart a detectable taste or odour to edible aquatic species.
4. The effluent to be discharged shall be such as will not cause the B.O.D. of the receiving waters to be increased by more than 1mg/l, and in any case not to exceed 4mg/l.

Contd./.....

5. The suspended solids content of the effluent shall be such as will not cause:
- any direct effects resulting in fish kills, reduced growth or reduced resistance to disease,
 - any prevention of the successful development of fish eggs and larvae by blanketing the bottom of the stream, or
 - any interference with the natural movement and migration of fish.
6. The temperature of the effluent shall be such that the temperature of the receiving waters shall not be increased by more than 1.5°C and shall not in any case exceed 21.5°C as a result of the discharge.
7. The pH of the receiving waters shall not be increased or decreased by more than 0.5 units as a result of the effluent discharge, and shall not in any case be caused to exceed 8.5 or to reduce below 6.5 as a result of such discharge.
8. The chlorides content of the final effluent shall not exceed 5,000mg/l.
- 9.1 Details in respect of any antibiotics or other chemical preservatives to be used intermittently in connection with fish rearing or processing activities shall be agreed in advance of their use with the licensing authority.
- 9.2 The use of any such antibiotics or other chemical preservatives shall be conditional on a minimum of 24 hours notice being forwarded to the Secretary, Wicklow County Council having their offices at County Buildings, Wicklow and the Town Clerk, Arklow Urban District Council having their offices at the Courthouse, Arklow such notice to give details of commencement time and schedules duration of any proposed use.
10. No chemicals other than those specified in this licence shall be discharged to the receiving waters except by agreement with the licensing authority.
- 11.1 The Company shall pay the licensing authority an annual contribution towards the cost of monitoring the discharge to receiving waters.
- 11.2 The initial contribution shall be £200, to be paid on issue of the Licence, and subsequent payments will fall due on the 1st January each year commencing on 1st January, 1987, and shall be paid within four weeks of that date.
- 11.3 The amount of contribution shall be reviewed at two yearly intervals, and shall be index-linked to the Department of the Environment Building Cost Index, the initial contribution of £200 being set as the figure for January, 1986.
- 12.1 Wicklow County Council or its agents shall have access to the premises at all reasonable times for the purposes of measuring and sampling.
- 12.2 Access shall be through contact with the owners or a designated member of their staff, which arrangement should include for access, if necessary, at times other than normal working hours.

13. The licensing authority may review this Licence in accordance with Section 7 of the Local Government (Water Pollution) Act, 1977 and Articles 13, 14 and 15 of the Local Government (Water Pollution) Regulations, 1978 (S.I. No. 108 of 1978).

Signed: _____

Seán MacG
COUNTY SECRETARY

Date: _____

8th September, 1986.

NOTE: An appeal against the above decision may be made before the expiration of one month from the date of the above decision. Such appeal should be made under Section 8 of the Local Government (Water Pollution) Act, 1977 and shall (a) be made in writing, (b) state the subject matter of the appeal, and (c) state the grounds of appeal.

Appeals should be addressed to The Secretary,
An Bord Pleanála, Blocks VI and VII, Irish Life
Centre, Lower Abbey Street, Dublin 1 and should be
accompanied with a fee of £36.00.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/385 (WPL 3)
2. *Name and address of the applicant:* Arvin Ltd, 61 Merrion Square, Dublin 2.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:*
"Rockfield," Brittas Bay, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Irish Sea
5. *Location of point(s) of discharge:* "Rockfield," Brittas Bay, Co. Wicklow
6. *Description of effluent:* Treated domestic sewage effluent
7. *Date of grant of licence:* 27th January 1987
8. *Condition attached to licence:* Conditions 1 to 11 as set out on licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - i. *Date:*
 - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: CURRENT

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

WICKLOW COUNTY COUNCIL
COUNTY BUILDINGS
WICKLOW

REF. IN REGISTER
Ess/14/14/385

TO: THE SECRETARY
ARVIN LIMITED
61 MERRION SQUARE
DUBLIN 2

The Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977, hereby grants a Licence to discharge treated domestic sewage effluent from the premises of Arvin Limited at "Rockfield", Brittas Bay, County Wicklow to the Irish Sea, subject to the following conditions:

1. This Licence shall be in respect of discharge of treated domestic sewage effluent only.
2. All sewage effluent generated by the housing and hotel development shall be collected for treatment by extended aeration effluent treatment plant, and only effluent so treated shall be allowed discharge to sea, which discharge shall be via an outfall line to a single agreed discharge point.
3. Under Phase 1 of the Licence period, discharge of treated effluent shall be via the sea outfall pipe and discharge point marked "existing outflow" on Drawing No. 1111-15 submitted with the Licence application.
4. The following criteria shall apply in respect of Phase 1 of the Licence period:
 - 4.1 The total volume of effluent to be discharged shall not be greater than 30m³ per day.
 - 4.2 The final effluent discharged shall not exceed 20mg per litre BOD and 30mg per litre suspended solids.
 - 4.3 The effluent shall normally be discharged at ambient temperature.
 - 4.4 The pH of the effluent discharged shall be within the range 6.5 to 9.5.
 - 4.5 Effluent shall normally be discharged during periods of high tide.
5. Prior to commencement of Phase 2 of the Licence, the sea outfall pipe shall be re-located and extended to a minimum distance of 30 metres beyond the shore line. Details of the revised sea outfall pipe shall be agreed with the Licensing Authority prior to commencement of construction.

6. Following completion of the revised sea outfall pipe, the following criteria shall apply (Phase 2 of the licensing period):
 - 6.1 The total volume of effluent to be discharged shall not exceed 90m³ per day.
 - 6.2 The final effluent discharged shall not exceed 20mg per litre BOD and 30mg per litre suspended solids content.
 - 6.3 The effluent shall normally be discharged at ambient temperature.
 - 6.4 The pH of the effluent discharged shall be within the range 6.5 to 9.5.
 - 6.5 Effluent shall be prohibited from discharging during low tide conditions. Discharge shall be controlled by means of a valve activated by lunar time switch, with storage facilities to be provided to contain effluent during periods when discharge is prohibited. Details shall be agreed with the Licensing Authority prior to commencement of Phase 2 of the licence period.
7. Details in respect of maintenance of the effluent treatment plant shall be agreed with the Licensing Authority. Day to day maintenance shall be carried out by a nominated person who shall be fully instructed and trained in the necessary operation and maintenance duties. All surplus sludge generated by the effluent treatment plant shall be drawn off and disposed of, as required, and in accordance with the provisions of the European Communities (Waste) Regulations 1979. (S.I. No. 390 of 1979).
8. The applicant shall make provision for monitoring of the influent, effluent, and receiving waters at the discharge point. Sampling and analysis shall be carried out by a recognised body. Monitoring shall initially be on a quarterly basis, the results to be submitted to the Licensing Authority within 21 days of the end of each quarter. The monitoring requirements may be modified by agreement with the Licensing Authority following establishment of evidence that the applicant is operating satisfactorily within the Licence conditions.
9. Wicklow County Council or its agents shall have access to the treatment plant and outfall line at all times.
10. The Company shall pay Wicklow County Council an annual contribution of £50.00 towards the cost of the Council's monitoring of the discharge. This payment shall fall due on the 1st January each year, commencing 1st January, 1987, and shall be paid within four weeks of that date. This contribution shall remain fixed until such time as the Licence is reviewed in accordance with the provisions of the Local Government (Water Pollution) Act, 1977. (Number 1 of 1977).

11. The Licensing Authority may review this Licence in accordance with Section 7 of the Local Government (Water Pollution) Act, 1977 (Number 1 of 1977) and Articles 13, 14 and 15 of the Local Government (Water Pollution) Regulations 1978 (S.I. No. 108 of 1978).

Signed:

S. O. Wade
COUNTY SECRETARY

Date:

27/1/87

NOTE: An appeal against the above decision may be made before the expiration of one month from the date of the above decision. Such appeal should be made under Section 8 of the Local Government (Water Pollution) Act, 1977 and shall (a) be made in writing, (b) state the subject matter of the appeal, and (c) state the grounds of appeal.

Appeals should be addressed to the Secretary, An Bord Pleanála, Blocks VI and VII, Irish Life Centre, Lower Abbey Street, Dublin 1 and should be accompanied with a fee of £36.00.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/186 (WPL 4)
2. *Name and address of the applicant:* Amenity Developments Ltd., Ballinacarrig, Brittas Bay, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Amenity Developments Ltd., Ballinacarrig, Brittas Bay, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Irish Sea
5. *Location of point(s) of discharge:* Ballinacarrig, Brittas Bay, Co. Wicklow
6. *Description of effluent:* Treated domestic sewage effluent
7. *Date of grant of licence:* 27th January 1987
8. *Condition attached to licence:* Conditions 1 to 11 as set out on licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - i. *Date:*
 - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: CURRENT

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

WPL/4.

WICKLOW COUNTY COUNCIL
COUNTY BUILDINGS
WICKLOW

REF. IN REGISTER
Ess/14/14/186

TO: THE SECRETARY
AMENITY DEVELOPMENTS LIMITED
BALLINACARRIG PARK
BRITTAS BAY
COUNTY WICKLOW

The Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977, hereby grants a Licence to discharge treated domestic sewage effluent from the Caravan Park Development located at Ballinacarrig Park, Brittas Bay, County Wicklow to the Irish Sea, subject to the following conditions:

1. The Licence shall be in respect of discharge of treated domestic sewage generated by Amenity Developments Limited, Caravan Park Development at Ballinacarrig Park, Brittas Bay, County Wicklow.
2. The total volume of effluent to be discharged shall be not greater than 150 cu.m. per day.
3. All foul sewage generated by the development shall be collected and discharged for treatment to the existing effluent treatment plant on site, and no untreated effluent shall be allowed discharge directly to sea.
4. The final effluent discharged shall comply with the following criteria:
 - 4.1 The BOD content shall not exceed 20 mg per litre.
 - 4.2 The suspended solids content shall not exceed 30 mg per litre.
 - 4.3 The effluent shall normally be discharged at ambient temperature.
 - 4.4 The pH of the effluent shall be within the range 6.5 to 9.5.
 - 4.5 The effluent shall contain no tarry residues and no surface active substances such as would give rise to foaming, and shall be such as to have no material effect on the colour of the receiving waters.
5. The sea outfall pipe shall be extended for a minimum distance of 30m beyond the shore line. Extension by means of the proposed breakwater to a point immediately beyond the existing off-shore rock, in accordance with details set out on Drawing No. ADL/04/01 submitted with the Licence application, shall be regarded as satisfactory in this regard.

6. The Company shall keep records of the flow and quality of all treated effluent discharged to the receiving waters. These records shall consist of:
- 6.1 Total daily flow.
- 6.2 Quarterly analysis of grab samples for influent, effluent and receiving waters at discharge point, in respect of the parameters listed in Condition 4 above. Copies of analyses results shall be forwarded to the Licensing Authority within 21 days of the end of each quarter.
7. Wicklow County Council or its Agents shall have access to the effluent treatment plant, together with measuring and sampling points at all times.
8. Details of longterm maintenance arrangements for the treatment plant, including electrical and mechanical maintenance arrangements, shall be agreed with the Licensing Authority. The name of the person responsible for day to day maintenance of the treatment plant shall be advised to the Licensing Authority. The Company shall make provision for standby staff as may be necessary during the absence of the nominated person.
9. All surplus sludge generated by the effluent treatment plant shall be drawn off and disposed of in accordance with the provisions of the European Communities (Waste) Regulations 1979. (S.I. No. 390 of 1979).
10. The Company shall pay Wicklow County Council an annual contribution of £50.00 towards the cost of monitoring the effluent discharge. This payment will fall due on the first of January each year, commencing first of January 1987.
11. The Licensing Authority may review this Licence in accordance with Section 7 of the Local Government (Water Pollution) Act, 1977 (No. 1 of 1977) and Articles 13, 14 and 15 of the Local Government (Water Pollution) Regulations, 1978 (S.I. No. 108 of 1978).

Signed:

407 Liadh

COUNTY SECRETARY

Date:

27/1/87

NOTE:

An appeal against the above decision may be made before the expiration of one month from the date of the above decision. Such appeal should be made under Section 8 of the Local Government (Water Pollution) Act, 1977 and shall (a) be made in writing, (b) state the subject matter of the appeal, and (c) state the grounds of appeal.

Appeals should be addressed to the Secretary, An Bord Pleanála, Blocks VI and VII, Irish Life Centre, Lower Abbey Street, Dublin 1 and should be accompanied with a fee of £36.00.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/386 (WPL 5)
2. *Name and address of the applicant:* Glenealy Farms (Turkeys) Ltd, Ballyfree East, Glenealy, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Ballyfree East, Glenealy.
4. *Description of Waters to which Discharge is made:* Stream at Ballyfree East, Glenealy
5. *Location of point(s) of discharge:* Northwest of premises at Ballyfree
6. *Description of effluent:* Treated trade and sewage effluent
7. *Date of grant of licence:* 17th September 1987
8. *Condition attached to licence:* Conditions 1 to 14 as set out on Licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - iii. *Date:*
 - iv. *Board's reference:*
11. *Result of appeal:*

STATUS: LAPSED. REVISED LICENCE: WPL 78A

W I C K L O W C O U N T Y C O U N C I L

LOCAL GOVERNMENT (WATER POLLUTION) ACT 1977
LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

WICKLOW COUNTY COUNCIL
COUNTY BUILDINGS
WICKLOW

REF. IN REGISTER:
Ess/14/14/386

WPL/S

TO: GLENEALY FARMS (TURKEYS) LIMITED
 BALLYFREE
 GLENEALY
 COUNTY WICKLOW

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977, hereby grants a Licence to discharge trade and sewage effluent from the premises of

Glenealy Farms (Turkeys) Limited, located at Ballyfree,
Glenealy, County Wicklow,

to

the stream at Ballyfree, Glenealy, County Wicklow,
north west of premises, subject to the conditions
specified hereunder.

LICENCE CONDITIONS:

1. The issue of this Licence permits the discharge of effluent from the cooking and packing areas only, which effluent shall be treated at the existing effluent treatment plant prior to discharge to the receiving waters.
- 2.1 Untreated or inadequately treated effluent from any area of the factory shall be prohibited from discharging either directly or indirectly to the adjoining stream.
- 2.2 Treated effluent shall be discharged via a single discharge point, the identification of which shall be clearly marked, and approved of by the Licensing Authority.
3. The total volume of effluent to be discharged shall not exceed 50 cu.m. per day, for a minimum 90% of time sampled, and shall not in any case exceed 75 cu.m. per day.
4. The BOD content of the effluent discharged shall not normally exceed 20mg per litre, and shall not in any case be greater than 1kg per day.
5. The suspended solids content of the effluent discharged shall not normally exceed 30mg per litre, and shall not in any case exceed 1.5kg per day.
- 6.1 Oils, grease and fats shall not be present in the effluent, or discharged in such quantities as to:
 - (a) form visible films on the surface of the water,
 - (b) form coatings on the river bed, benthic biota or food sources,

contd/...

- (c) cause deleterious effects on aquatic life, or
- (d) impart a detectable taste or odour to edible aquatic species.

6.2 Grease traps of approved design and construction shall be provided at appropriate locations on the drainage system to ensure compliance with Condition 6.1 above.

7. The effluent discharged (including cooling waters) shall not exceed the limits set out hereunder in respect of the following parameters:

<u>PARAMETER</u>	<u>LIMIT VALUE</u>
Temperature	Ambient
pH	6.5 - 8.5
Total Amonia (As N)	10mg per litre
Total Phosphorous (As PO4)	5mg per litre

8.1 There shall be no significant variation in the nature, composition or volume of the effluent without the prior approval of the Licensing Authority.

8.2 Specifically, the discharge of effluent arising from killing and evisceration activities shall be prohibited under the terms and conditions of this Licence.

8.3 All existing killing and evisceration activities shall be discontinued within one month of the issue of this Licence, to ensure compliance with Condition 8.2 above.

8.4 A separate Licence under Section 4 of the Water Pollution Act shall be obtained by the Company prior to resumption of any further killing or evisceration activities, and discharge of all effluents thus arising shall be strictly in accordance with the terms and conditions of such separate Licence.

8.5 Satisfactory effluent treatment facilities shall be provided in addition to those already located on site prior to resumption of any killing/evisceration activities, and the Company shall satisfy the Licensing Authority that such additional facilities are capable of discharging final effluent to the required standards.

9. Provision shall be made by the Company to facilitate the measurement of effluent flows and the taking of effluent samples before discharge to the receiving waters. Wicklow County Council, or its agents shall have access to the said measuring and sampling points at all times.

10.1 The Company shall keep records of the flow and quality of all effluent to be discharged to the receiving waters. In this regard, suitable automatic recording and sampling equipment shall be installed by the Company within two months of the date of this Licence.

10.2 Monitoring by the Company shall consist of -

- (a) daily total flow, pH and temperature,
- (b) fortnightly analysis of BOD and suspended solids,

- (c) analysis once a month of a twenty-four hour flow proportional composite sample in respect of parameters listed in Conditions 5 to 7 above.
- 10.3 The Licensing Authority may modify the requirements of 10.2 above when a definite pattern is established showing the Company to be operating within the terms and conditions of this Licence.
- 10.4 Copies of all monitoring records shall be furnished to the Council on a quarterly basis, within one month of the end of each quarterly period. The records shall otherwise be made available by the Company for inspection at any time by an Authorised Officer of the Licensing Authority.
- 11.1 The Company shall submit full details of proposals for water supply and water supply storage to the Licensing Authority within two months of the date of this Licence, which proposals shall show effective reduction in reliance on the Glenealy Water Supply Scheme to serve the Company's premises.
- 11.2 The Company shall take appropriate measures to eliminate existing water wastage, a detailed programme in respect of which shall be submitted to the Licensing Authority within two months of the date of this Licence.
12. The Company shall make satisfactory arrangements for the disposal of all solid non-toxic waste arising from the factories operations. The name of any private waste disposal contractor employed shall be forwarded to the Licensing Authority, and use shall only be made of a contractor approved by the Licensing Authority.
13. The Company shall pay Wicklow County Council a contribution of £500.00 (based on January, 1987 prices and index linked to the Department of the Environment Building Cost Index) towards the cost of monitoring the discharge and receiving waters. This payment will fall due on the 1st September each year, commencing on the 1st September, 1987, and shall be paid within four weeks of that date.
14. The Licensing Authority may review this Licence in accordance with Section 7 of the Local Government (Water Pollution) Act, 1977 and Articles 13, 14 and 15 of the Local Government (Water Pollution) Regulations, 1978 (S.I. No. 108 of 1978).

Signed: *To: Wade*
COUNTY SECRETARY

Date: 17/9/87

NOTE: An appeal against the above decision may be made before the expiration of one month from the date of the above decision. Such appeal should be made under Section 8 of the Local Government (Water Pollution) Act, 1977 and shall (a) be made in writing, (b) state the subject matter of the appeal and (c) state the grounds of appeal.

Appeals should be addressed to the Secretary, An Bord Pleanala, Blocks VI and VII, Irish Life Centre, Lower Abbey Street, Dublin 1 and should be accompanied with a fee of £36.00.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/286(R) (WPL 6)
2. *Name and address of the applicant:* Avondale Chemical Company, The Copse, Rathdrum, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* The Copse, Rathdrum, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Avonmore River
5. *Location of point(s) of discharge:* West Bank of Avonmore River at a point due East of Copse House
6. *Description of effluent:* Trade and sewage effluent
7. *Date of grant of licence:* 22nd February 1989

Revised 31st January 1992
Revised 14th May 1993
8. *Condition attached to licence:* Conditions 1.1 to 17 as set out in Licence
Conditions 1 to 8 on Revised Licence (1992)
Conditions 1 to 8.2 on Revised Licence (1993)
9. *If licence is revised, reference no. of previous licence:* Ess/14/14/182
10. *Notification by An Bord Pleanála of appeal:*
 - v. *Date:* 26/2/1992
 - vi. *Board's reference:* 27/WW/219
11. *Result of appeal:* Granted subject to amendment on 10th September 1992

STATUS: LAPSED

WPH/6

LOCAL GOVERNMENT (WATER POLLUTION) ACTS 1977 - 1990

Licence to Discharge Trade or Sewage Effluent to Waters

**WICKLOW COUNTY COUNCIL,
COUNTY COUNCIL,
WICKLOW.**

**Ref. in Register
Ess/14/14/286(R)**

**To: AVONDALE CHEMICAL COMPANY,
RATHDRUM,
COUNTY WICKLOW.**

Wicklow County Council, in exercise of the powers conferred on it by the Local Government Water Pollution) Acts 1977 - 1990, decided to grant a Revised Licence on 14/5/93 to discharge trade and domestic sewage effluent from the pharmaceutical chemicals manufacturing and treatment plant located at The Copse, Rathdrum, County Wicklow to the Avonmore River at The Copse, subject to the following conditions:

1. GENERAL LAYOUT AND OPERATION.

- 1.1 The Licensee's premises shall be laid out, operated and maintained in such manner as to prevent the discharge of any polluting matter to the receiving waters other than via the effluent treatment system.
- 1.2 The design, construction, operation and maintenance of the effluent treatment plant, drainage network and ancillary plant and equipment shall be sufficient to treat all effluent generated to the standards set out in this Licence, and to enable such treated effluent to be discharged to the receiving waters in compliance with the volumes and characteristics set out in this Licence.
- 1.3 All treated effluent shall be discharged via a single discharge point to the Avonmore River at the nearest suitable location. The outfall shall be fitted with a diffuser.
- 1.4 All sludges arising from the Company's effluent treatment arrangements shall be collected, treated, stored and transported for disposal in accordance with the provisions of the European Communities (Waste) Regulations, 1979 (S.I. No. 390 of 1979), and the European Communities (Toxic & Dangerous Waste) Regulations, 1982 (S.I. No. 33 of 1982).

WICKLOW COUNTY COUNCIL to AVONDALE CHEMICAL COMPANY
Continuation Sheet No. 1

Ref. Ess/14/14/286(R)

1.5 The Licensee shall provide on site storage equivalent to four days capacity in case of plant breakdown or malfunction in order to prevent untreated or partially treated effluent from discharging into the Avonmore River.

2. DISCHARGE VOLUME AND FLOW RATE.

2.1 The total volume of effluent to be discharged shall not exceed 700 cu.m/day, subject to a maximum flow rate of 30 cu.m/hour.

2.2 The discharge volume and flow rate shall include all contaminated surface water collected in, and discharged from, the effluent treatment plant

3. EFFLUENT CHARACTERISTICS.

3.1 The colour of the effluent discharged shall be such as will not cause variation in the background colour of the receiving waters.

3.2 The temperature of the effluent discharged shall not exceed 25 C at the point of discharge.

3.3 The pH of the effluent discharged shall be within the range of 6.5 to 8.5.

3.4 The quality of the effluent discharged shall be such that the following determinands shall comply with the quality standards set out hereunder:

DETERMINANDS	MAX. LIMIT (mg/l)
BOD	100
5	
Hydrocarbons*	1
Suspended Solids	150
Ammonia (As N)	50
Chloride	1000
Fluoride	50
Dissolved Solids	5000
Nitrate (as N)	100
Orthophosphate (as P)**	3
Sulphate (as SO)	1000
4	
Phenols (as C H OH)	0.02
6 5	

NOTE: * Dissolved or Emulsified Hydrocarbons
(after extraction by petroleum ether)
** Dissolved reactive phosphorus)

4. CHANGES IN MANUFACTURING PROCESS.

- 4.1 The Licensee shall notify the Licensing Authority in advance of any proposed change in the manufacturing process which would cause, or be likely to cause, a material alteration in the nature or increase in the volume of effluent discharged.
- 4.2 The Licensing Authority shall interpret whether any such change is material or not, and whether a review of the Licence is required as a result.

5. PROVISION OF MONITORING EQUIPMENT.

- 5.1 The Licensee shall provide dual integrator and sampling facilities for itself and for the Licensing Authority, those for the Licensing Authority having a separate lockable cover with key being retained by the Licensing Authority.
- 5.2 Facilities shall include a suitable automatic flow recorder, incorporating an integrator for recording all effluent flows, together with automatic sampling equipment capable of taking 24-hour flow-proportional composite effluent samples. The walls and floors of the chambers in which the facilities are set shall be tiled.
- 5.3 (a) The sampling facility to be provided for the Licensing Authority shall be located outside the perimeter wall or fencing of the Licensee's premises at a location to be agreed with the Licensing Authority.
- (b) Unhindered access to this facility shall be available at all times for authorised officers of the Licensing Authority without the need to report to personnel employed by the licensee.
- (c) The location of this facility shall be agreed with the Licensing Authority and shall be installed and operational within six months of the date of issue of this licence.
- 5.4 The licensing authority may, at its sole discretion, erect a permanent flow gauging station in order to measure the flow in the receiving water. The location, type and design of such facilities shall be determined by the licensing authority. The reasonable cost of

WICKLOW COUNTY COUNCIL to AVONDALE CHEMICAL COMPANY

Continuation Sheet No. 3

Ref. Ess/14/14/286(R)

- 5.4 such facilities shall be reimbursed by the licensee on demand to the licensing authority. The licensing authority shall make available to the licensee all readings from such facilities.
- 5.5 Authorised Officers of the Licensing Authority shall have access to the above measuring and sampling points at all times.

6. MONITORING REGIME.

- 6.1 The Company shall monitor and maintain records of the flow and quality of all effluent discharged to the receiving waters as follows:
- (a) Continuous recording of flow rates.
- (b) Daily analysis of BOD₅, suspended solids, ammonia, orthophosphate, pH, chloride, fluoride and temperature. If the licensee can demonstrate to the satisfaction of the licensing authority that a reliable relationship can be established between COD and BOD₅, the licensee may, in lieu of daily analysis for BOD₅, carry out daily analysis for COD and thence calculate BOD₅, provided that confirmatory analysis for BOD₅, is carried out as directed by the licensing authority.
- (c) Monthly analysis of a 24-hour flow-proportional composite sample analysed in respect of Dissolved Solids, Nitrate (As N), Sulphate (As SO₄), Phenols (As C₆H₅OH), and Hydrocarbons.
- 6.2 (a) In the case of determinands listed in Condition 6.1(b) above, 97% of analysis results in any calendar month shall comply with the set limit values, and no limit value shall be exceeded by more than 20%.

- (b) Measurements for all other parameters and determinands shall be fully in compliance with the set limit values.
- (c) For the purposes of this Condition, the degree of compliance shall be assessed on the basis of the Licensee's monitoring and analysis results augmented by any additional monitoring and analysis carried out by the Licensing Authority or its Agents.

6.3 Copies of daily flow and analysis records shall be furnished to the Licensing Authority on a monthly basis, and within ten days of the end of each month. Hourly flow data shall be furnished on request. The records shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977 at any time on request.

7. ACCESS BY AUTHORISED PERSONNEL.

7.1 Authorised officers of the Licensing Authority or its agents, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, shall have access to the Licensee's effluent treatment plant at all reasonable times including, if necessary, times other than normal working hours, and shall also have access to the effluent treatment plant and to the site in general at all times in the event of an emergency.

7.2 Details of contact personnel, including addresses and telephone numbers, shall be made available to the Licensing Authority for contact in the event of an emergency. At least one such person shall be available for contact at all times, having due authority from the licensee to expedite any such emergency measures as may be required.

8. CONTRIBUTION TO LICENSING AUTHORITY.

8.1 The Licensee shall pay the Licensing Authority an annual contribution of £1500.00 towards the cost of monitoring the discharge and receiving waters.

8.2 This amount shall be fixed for an initial period of three years or until the next review of this licence, whichever is the sooner, and shall be paid within four weeks of the date of issue of the licence and annually thereafter.

Signed: _____



A/COUNTY SECRETARY

Date: 14 May, 1993.

Note: An appeal against the above decision may be made before the expiration of one month from the date of the Council decision.

Such appeal shall be made under Section 6 of the Local Government (Water Pollution) (Amendment) Act, 1990, and shall be accompanied by a deposit of £100.00 and shall specify:-

- (a) whether any condition of the Licence the subject of the review has been deleted,
- (b) whether and in what way any condition of the Licence the subject of the review has been amended,
- (c) any new conditions attached to the Licence, and
- (d) the date of the local authority's decision.

A party to an appeal may request an oral hearing of the appeal and any such request shall be made in writing to the Board.

The appeal (if any) against the above decision should be addressed to:

Secretary,
Planning Appeals Board,
Floor 3,
Blocks 6 & 7,
Irish Life Centre,
Lower Abbey Street,
DUBLIN 1.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/184 (WPL 7)
2. *Name and address of the applicant:* Dublin Products Ltd, Dunlavin, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Milltown, Dunlavin, Co. Wicklow
4. *Description of Waters to which Discharge is made:* River Greese
5. *Location of point(s) of discharge:* NOT SPECIFIED
6. *Description of effluent:* Trade and sewage effluent
7. *Date of grant of licence:* 21st March 1989
8. *Condition attached to licence:* Conditions 1.1 to 11.1 on Licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - vii. *Date:*
 - viii. *Board's reference:*
11. *Result of appeal:*

STATUS: LAPSED

LOCAL GOVERNMENT (WATER POLLUTION) ACT, 1977

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

**WICKLOW COUNTY COUNCIL
COUNTY BUILDINGS
WICKLOW**

**REF. IN REGISTER
Ess/14/14/184**

WPL/7

**TO: DUBLIN PRODUCTS LIMITED
DUNLAVIN
COUNTY WICKLOW**

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977, hereby grants a Licence to discharge trade and sewage effluent from Dublin Products Limited located at Milltown, Dunlavin, County Wicklow, to a watercourse at Dunlavin being a tributary of the River Greese, subject to the conditions specified hereunder:-

- 1.1 Only uncontaminated waters shall be allowed discharge directly to the adjoining stream without pre-treatment.
- 1.2 Uncontaminated process waters, including spent boiler water, shall be subject to the temperature requirement set out in Condition 6.1 hereunder if discharged separately from the treated effluent discharge.
- 1.3 The Company's premises shall be laid out, operated and maintained in such manner as will prevent the accidental discharge of any polluting matter to waters. In particular, grease traps of approved design and construction shall be provided to all appropriate locations on the storm water drainage system.
- 1.4 The location of all uncontaminated discharge points shall be identified to and agreed with the Licensing Authority.
- 2.1 All effluent generated by the Development shall be discharged to the effluent treatment plant located on site, for treatment to the quality standards set out in this Licence, or better, prior to discharge to the adjoining stream.
- 2.2 All treated effluent shall be discharged via a single discharge point, the identification of which shall be clearly marked and approved of by the Local Authority.
- 3.1 The total volume of treated effluent discharged shall not exceed 25m^3 per day on average, and shall not in any case exceed 45m^3 per day.
- 3.2 Effluent shall be uniformly discharged such that the average rate of discharge shall not exceed 3m^3 per hour normally, and shall not exceed 5m^3 per hour in any case.
- 4.1 Fats, oils and greases shall not be present in the effluent or discharged in such quantities as to:
 - (a) form visible films on the surface of the water,
 - (b) form coatings on the riverbed, benthic biota or food sources,

- (c) cause deleterious effects on aquatic life, or
- (d) impart a detectable odour or taste to edible aquatic species.

5.1 The suspended solids content of the effluent to be discharged shall not exceed 30mg per litre at any time, and shall not in any case be present in such quantities as to:

- (a) have direct effects resulting in fish kills, reduced growth or reduced resistance to disease,
- (b) cause prevention of the successful development of fish eggs and larvae by blanketing the bottom of the stream, or,
- (c) interfere with the natural movement and migration of fish.

6.1 The quality of the effluent to be discharged shall be such that it shall comply with the quality standards set out hereunder in respect of the following parameters -

<u>PARAMETER</u>	<u>LIMIT VALUE</u>
(1) BOD ₅	20mg/l
(2) Nitrates (as NO ₃)	500mg/l
(3) Total phosphorous (as PO ₄)	5mg/l
(4) Sulphates (as SO ₄)	300mg/l
(5) Chlorides (as Cl)	400mg/l
(6) Phenols (as C ₆ H ₅ OH)	0.05mg/l
(7) Detergents (as lauryl sulphate)	10mg/l
(8) COD	150mg/l
(9) Total Ammonia (as N)	10mg/l
(10) Temperature	Ambient
(11) pH	6.0 - 9.0

6.2 Organohalogen, organophosphorous and organotin compounds if present in the final effluent shall be present only in such quantities or concentrations as will have no deleterious effect on the receiving waters.

7.1 No chemicals other than those specified in this Licence shall be discharged to the receiving waters without the prior agreement of the Licensing Authority. In this regard, the Licensing Authority shall be notified in advance of any proposed change in the manufacturing process which would result in a material alteration of the effluent characteristics.

8.1 The Company shall make adequate provision to facilitate the measurement of effluent flows and the taking of effluent samples prior to discharge to the receiving waters. Specifically, the Company shall provide a suitable automatic flow recorder, incorporating an integrator for recording all effluent flows, and shall provide automatic sampling equipment capable of taking 24 hour flow proportional composite effluent samples; all of which equipment shall be installed within two months of the date of issue of this Licence.

- 8.2 The Company shall keep records of the flow and quality of all effluent to be discharged to the receiving waters. These records shall consist of:
- (a) daily total flow,
 - (b) daily analysis of COD, suspended solids, pH and temperature,
 - (c) analysis of a weekly 24 hour flow proportional composite sample analysed in respect of the parameters set out in Condition 5 and Condition 6 (Items 1 to 5 and 8 to 11) above,
 - (d) quarterly analysis in respect of remaining parameters.
- 8.3 Copies of records in respect of (a) - (c) shall be forwarded to the Licensing Authority on a monthly basis, within two weeks of the end of each month. Records in respect of (d) shall be made available to the Licensing Authority on request. Records shall otherwise be made available for inspection by Authorised Officers of the Licensing Authority at any time on request, and such Authorised Officers shall have access, also, to the above measuring and sampling points at all times.
- 8.4 Any monitoring and analysis requirements in respect of 6.2 above shall be determined by the Licensing Authority in the light of observation of the Company's operations, and the Company shall have such monitoring and analysis carried out on its behalf, if and as directed by the Licensing Authority.
- 9.1 Details of long terms maintenance arrangements for the effluent treatment plant, including electrical and mechanical maintenance arrangements, shall be agreed with the Licensing Authority. The name of the person responsible for day to day maintenance of the treatment plant shall be advised to the Licensing Authority. The Company shall make provision for standby staff as may be necessary during the absence of the nominated person.
- 9.2 Details of contact personnel, including addresses and telephone numbers, shall be made available to the Licensing Authority for contact in the event of an emergency. At least one such person shall be available for contact at all times, having due authorisation from the Company to expedite any such emergency measures as may be required.
- 10.1 All sludges, solid, semi-solid and other wastes generated on the Company's premises shall be collected, treated, stored and transported for disposal in accordance with the provisions of the European Communities (Waste) Regulations, 1979 (S.I. No. 390 of 1979), and the European Communities (Toxic and Dangerous Waste) Regulations, 1982 (S.I. No. 33 of 1982).
- 11.1 The Company shall pay the Licensing Authority an annual contribution towards the costs of monitoring the discharge and receiving waters. The initial contribution shall be £720.00 (say, seven hundred and twenty pounds)(based on January, 1989 prices and index linked to the Department of the Environment building cost Index). Payment will fall due on 1st April

WICKLOW COUNTY COUNCIL to DUBLIN PRODUCTS LIMITED.
Continuation Sheet No. 3

Ref. Ess/14/14/184.

each year, commencing on 1st April, 1989, and shall be paid
within four weeks of that date.

Signed:

E. O'Niadh

COUNTY SECRETARY

Date:

21/03/89

Note: An appeal against the above decision may be made before the expiration of one month from the date of the above decision. Such appeal shall (a) be made in writing, (b) state the subject matter of the appeal, (c) state the grounds of appeal, and (d) be accompanied by a deposit of £36.00. A request for appeal (if any) against the above decision should be addressed to the Secretary, Planning Appeals Board, Hollbrook House, Holles Street, Dublin 2.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/189
2. *Name and address of the applicant:* Kerry Holdings (Ireland) Ltd, Princes Street, Tralee, Co. Kerry
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Duffy Meats Ltd, Ardoyne, Shillelagh, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Dereen River
5. *Location of point(s) of discharge:* Upstream of Rathglass Bridge, Ardoyne, Shillelagh, Co. Wicklow
6. *Description of effluent:* Trade and sewage effluent
7. *Date of grant of licence:* 31st October 1989
8. *Condition attached to licence:* Conditions 1.1 to 13.1 as set out in licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - ix. *Date:*
 - x. *Board's reference:*
11. *Result of appeal:*

STATUS: DEVELOPMENT DID NOT GO AHEAD – 9/5/1994. LAPSED

Local Government (Water Pollution) Act, 1977

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

WICKLOW COUNTY COUNCIL
COUNTY BUILDINGS
WICKLOW.

REF. IN REGISTER
Ess/14/14/589

TO : KERRY HOLDINGS (IRL.) LIMITED;
PRINCES STREET,
TRALEE,
COUNTY KERRY.

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977, hereby grants a Licence to discharge trade and sewage effluent from their Food Processing Plant located at Duffy Meats Limited, Coolattin, Shillelagh, County Wicklow to the Derry River, subject to the following Conditions:-

1. Only uncontaminated roof, surface and storm water run-off shall be allowed discharge directly to the receiving waters.
- 2.1 The licensee's premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter to the receiving waters other than via the effluent treatment system. In particular, grease and oil interceptor traps of approved design and construction shall be provided at all appropriate locations on the storm water discharge system.

A storage tank of adequate capacity to cater for accidental spillages, etc., shall be fitted on the storm water drainage system. Details of the tank including details of size and method of construction shall be agreed with the licensing authority prior to development being commenced.
- 2.2 All effluent generated by the development, and by all stages of the process forming part of the development, shall be collected and conveyed to the effluent treatment plant located on the site, prior to discharge to the adjoining receiving waters.
- 2.3 The design, construction, operation and maintenance of the effluent treatment plant, drainage network and ancillary plant and equipment shall be sufficient to treat all effluent generated to the standards set out in this licence, and to enable such treated effluent to be discharged to the receiving waters in compliance with the volumes and characteristics set out in this licence.

(CONT'D)

sludges shall not be discharged in the effluent, but shall be disposed of in consultation with and to the satisfaction of the licensing authority. At the end of each calendar year a report shall be prepared for submission to the licensing authority detailing the quantities of sludge produced, the site used for disposal and the quantities disposed of at each site. This report shall be received by the licensing authority before the end of January of the following year.

- 2.5 All treated effluent shall be discharged via a single discharge point to the Derry River. The outfall shall be fitted with a diffuser.
- 2.6 The licensee shall provide spare effluent storage capacity of 1500 cubic metres in addition to the balancing tank, etc., indicated in the plans submitted to the licensing authority. Details of the additional spare storage capacity shall be submitted to and agreed with the licensing authority prior to the development being commenced. The spare storage capacity to be provided shall be used only in emergency situations and shall not contain effluent in normal circumstances.
- 3.1 Effluent shall be uniformly discharged over a 24 hour period, 7 days a week. Effluent shall normally be discharged at a rate not greater than 21 cu.m./hour, and shall not in any case exceed 25cu.m/hour.
- 3.2 The total volume of treated effluent discharged shall not exceed 500 cu.m per day on average and shall not in any case exceed 550 cu.m. per day.
- 4.1 Daily dry cleaning of floors to remove fat, meat and rind particles before wash down shall be strictly adhered to during all cleaning operations.
- 4.2 Flood washing to all or any areas shall be prohibited.
- 5.1 The quality of the treated effluent when measured immediately prior to discharge to the receiving waters, shall comply with the quality standards set out hereunder in respect of the following determinants:-

DETERMINANT

MAXIMUM LIMIT VALUE mg/l

BOD	20
Ammonia (as N)	7
Orthophosphate (as P)	1
Nitrate (as N)	70
Detergents (as Lauryl Sulphate)	1
Chlorides (as Cl)	1000
C.O.D.	60
F.O.G. (Fats, Oil, Grease)	5
S.S. (Suspended Solids)	30

(CONT'D)

The treated effluent shall comply with the following additional quality standards:-

DETERMINANT

LIMIT VALUE

pH
Temperature
Colour (Hazen)

6.0 - 9.0
Ambient
20 (maximum)

- 5.3 The effluent discharged shall be such that no visible film of oil or grease can be observed on a sample of the effluent or on the surface of the river downstream of the point of discharge.
- 6. The biological quality of the receiving waters, i.e. water in the River Derry shall be assessed by an independent consultant prior to the commencement of any effluent discharge. Assessment shall be carried out on an annual basis subsequent to the discharge commencing. The consultant shall be agreed with the licensing authority and the results of the biological surveys carried out shall be submitted to the licensing authority within one month of the completion of each survey.
- 7.1 The licensee shall make adequate provision to facilitate measurement, by the licensee and by the licensing authority, of effluent flows and the taking of effluent samples prior to discharge to the receiving waters.
- 7.2 The licensee shall provide dual integrator and sampling facilities for itself and for the licensing authority, those for the licensing authority having a separate lockable cover with key being retained by the licensing authority. Facilities shall include a suitable automatic flow recorder, incorporating an integrator for recording all effluent flows, together with automatic sampling equipment capable of taking 24 hour flow proportional composite effluent samples. The walls and floors of the chambers in which the facilities are set shall be tiled.
- 7.3 The sampling facility to be provided for the licensing authority shall be located outside the perimeter wall or fencing to be provided around the proposed development at a location to be agreed with the licensing authority. Unhindered access to the monitoring station shall be available for authorised officers of the licensing authority at all times. Access to the monitoring station shall be available at all times for authorised officers without the need to report to personnel employed by the licensee. The location and design of the flow measurement and monitoring station shall be agreed with the licensing authority and shall be installed and operational prior to the commencement of processing operations on site.

(CONT'D)

The licensee shall erect a permanent flow gauging station in order to measure the flow in the receiving water. The location type and design of the flow gauging station shall be as agreed with the licensing authority.

- 7.5 Authorised officers of the licensing authority shall have access to the above measuring and sampling points at all times.
- 8.1 The licensee shall monitor and maintain records of the flow and quality of all effluent discharged to the receiving waters as follows:-
- (a) continuous recording of flow rates,
 - (b) daily analysis of a twenty-four hour flow proportional composite sample analysed in respect of BOD, suspended solids, ammonia, total phosphorous, orthophosphate, nitrate, pH and temperature,
 - (c) weekly analysis of a 24 hour flow proportional composite sample analysed in respect of FOG content, Detergents, Chlorides and COD.
- 8.2 Copies of records in respect of 8.1 above shall be forwarded to the licensing authority on a monthly basis, within two weeks of the end of each month. The records shall also be made available by the licensee for inspection by authorised officers of the licensing authority and any other person authorised under section 28 of the Local Government (Water Pollution) Act, 1977 at any time on request.
- 9.1 The name of the person responsible for daily maintenance of the treatment plant shall be advised to the licensing authority prior to the commencement of operations on site. The licensee shall make provision for standby staff as may be necessary during the absence of the nominated person. The licensee shall also advise the name of any specialist firms engaged in the long term maintenance of the treatment plant, including any electrical and mechanical maintenance firms.
- 9.2 Details of contact personnel, including address and telephone numbers, shall be made available to the licensing authority for contact in the event of emergency. At least one such person shall be available for contact at all times, having due authorisation from the licensee to expedite any such emergency measures as may be required.

(CONT'D)

Authorised officers of the licensing authority or its agents, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, shall have access to the licensee's effluent treatment plant at all reasonable times including, if necessary, times other than normal working hours, and shall also have access to the treatment plant and to the site in general at all times in the event of an emergency.

10. The licensee shall undertake a complete assessment of its effluent treatment plant process vis a vis the effluent generated twelve months after the commencement of operations, which assessment shall be carried out by a recognised independent specialist whose report shall be furnished to the licensing authority within two months of the date of such assessment.
11. The licensee shall make an annual contribution of £10,000 to the local authority towards the cost of monitoring the discharge. This contribution shall be index linked and updated annually in accordance with the Department of the Environment Building Cost Index. The first contribution shall be paid within one month of the commencement of the discharge and subsequent payment shall be annually thereafter.

Signed:

RT O'Neadh
COUNTY SECRETARY

Date:

21st May 1991

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/188 (WPL 8)
2. *Name and address of the applicant:* Connary Minerals Plc., Clonmel House, 17 Harcourt Street, Dublin 2
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Cronebane, Avoca, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Avoca River
5. *Location of point(s) of discharge:* Whitebridge, Avoca, Co. Wicklow
6. *Description of effluent:* Trade or sewage effluent
7. *Date of grant of licence:* 15th November 1990
8. *Condition attached to licence:* Conditions 1.1 to 6.1 as set out in Licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - xi. *Date:* 3rd January 1991
 - xii. *Board's reference:* WP27/19/203
11. *Result of appeal:* Appeal determined 5th February 1992
Conditions 5.3 and 6.1 to be amended and a further condition numbered 3.6 to be attached to the licence

STATUS: LAPSED INVESTIGATE.

WPL 8

LOCAL GOVERNMENT (WATER POLLUTION) ACT, 1977

Licence to Discharge Trade or Sewage Effluent to Waters

WICKLOW COUNTY COUNCIL
COUNTY BUILDINGS
WICKLOW

Ref. in Register
Ess/14/14/188

TO: CONNARY MINERALS PLC.
CLONMEL HOUSE
17 HARCOURT STREET
DUBLIN 2

Wicklow County Council, in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977, hereby grants a Licence to discharge trade or sewage effluent from their processing plant located at Cronebane, Avoca, County Wicklow to the Avoca River at Whitebridge, in compliance with directions issued by An Bord Pleanala dated 5th February, 1992, and subject to the following conditions:-

- 1.1 All domestic sewage effluent shall be discharged to a soakpit and percolation area designed, constructed and located in accordance with IIRS recommendations SR5 1975.
- 1.2 All vat slurry from leaching processes shall be discharged to a contained pit for recycling purposes. The resulting effluent shall be discharged to groundwater via the pit base.
- 2.1 Because the effluent discharge consists of seepage to groundwater and, therefore, is a non point discharge, and because the effluent is in the main recycled groundwater, the agreed measuring point for the purposes of these conditions shall be the East Avoca Deep adit at its point of outflow to the Avoca River at the Whitebridge.
- 2.2 Having regard to the known characteristics of the existing groundwater, the quality of the discharged outflow at the agreed measuring point shall be such as will comply with the quality standards set out in Condition 3 hereunder.

3.1 Determinands

Max. Conc. Limit (mg/l)

Iron (Total)	140
Sulphate (as SO ₄)	1200
Thiourea	1
Copper	50
Zinc	126
Manganese	50

- 3.2 Scum and other floating or suspended solids shall not be present in the receiving water in unsightly or deleterious amounts.
- 3.3 The pH of the discharged outflow shall not normally be less than 2.5, and shall not in any case be less than 2.0.
- 3.4 The colour of the discharged outflow shall be such as will not cause noticeable variation in the background colour of the receiving waters.
- 3.5 The temperature of the discharge outflow shall not exceed 25 C.
- 3.6 Toxicity testing of the discharge from the East Avoca deep adit shall be carried out twice annually whilst processing is in operation at times and in accordance with procedures to be agreed with the Licensing Authority. The results of these toxicity tests which shall indicate the toxic concentration of the discharge to at least one representative aquatic organism shall be submitted to the Licensing Authority within 3 weeks of each test being carried out. The date of the initial test and of all subsequent tests shall be agreed with the Licensing Authority.
- 4.1 Chemical reagents used in processing operations shall be restricted to:
 - (a) Sulphuric acid.
 - (b) Sulphur dioxide.
 - (c) Thiourea.
 - (d) Ferric Sulphate Heptahydrate.
 - (e) Standard flocculants (polyelectrolytes).
- 4.2 No additional reagents shall be introduced without the prior consent of the Licensing Authority.
- 5.1 The Company shall provide a v-notch weir to be installed within two months of the date of issue of this Licence, which weir shall be installed at the agreed measuring point detailed in Condition 2.1 above.
- 5.2 The Company shall monitor and maintain records of the flow and quality of the discharged outflow at the agreed measuring point as follows:
 - (a) daily recording of flowrates;
 - (b) monthly analysis in respect of the determinands set out in Condition 3 above.

Flow and analysis records shall be furnished to the Licensing Authority on a monthly basis within 10 days of the end of each month. The records shall also be made available at the Licensee's premises for inspection by Authorised Officers of the Licensing Authority and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977 at all times whilst processing is being carried on.

- 6.1 The Licensee shall pay an annual contribution of £350 (based on May 1990 prices and index linked to the Department of the Environment Building Cost Index) towards the cost of monitoring the discharge outflow and receiving waters. The initial payment shall be paid on commencement of the discharge and each subsequent payment shall be paid prior to the 1st day of May each year.

Signed:

S. O'Nadh
COUNTY SECRETARY

Date:

17th February 1992.

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/589 (WPL 9)
2. *Name and address of the applicant:* Kerry Holdings (Irl.) Ltd., Princes Street, Tralee, Co. Kerry
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Duffy Meats Ltd, Coolattin, Shillelagh, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Derry River
5. *Location of point(s) of discharge:* Derry River
6. *Description of effluent:* Trade or sewage effluent
7. *Date of grant of licence:* 18th December 1990
8. *Condition attached to licence:* Conditions 1 to 11.2 as set out in Licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - xiii. *Date:* 17th January 1991
 - xiv. *Board's reference:* WP PL 27/19/204
11. *Result of appeal:* Appeal determined 30th April 1991
Result of appeal not specified

STATUS: LAPSED

Local Government (Water Pollution) Act, 1977

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

WICKLOW COUNTY COUNCIL
COUNTY BUILDINGS
WICKLOW.

REF. IN REGISTER
Ess/14/14/589

WPL19

TO : KERRY HOLDINGS (IRL.) LIMITED:
PRINCES STREET,
TRALEE,
COUNTY KERRY.

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977, hereby grants a Licence to discharge trade and sewage effluent from their Food Processing Plant located at Duffy Meats Limited, Coolattin, Shillelagh, County Wicklow to the Derry River, subject to the following Conditions:-

1. Only uncontaminated roof, surface and storm water run-off shall be allowed discharge directly to the receiving waters.
- 2.1 The licensee's premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter to the receiving waters other than via the effluent treatment system. In particular, grease and oil interceptor traps of approved design and construction shall be provided at all appropriate locations on the storm water discharge system.
A storage tank of adequate capacity to cater for accidental spillages, etc., shall be fitted on the storm water drainage system. Details of the tank including details of size and method of construction shall be agreed with the licensing authority prior to development being commenced.
- 2.2 All effluent generated by the development, and by all stages of the process forming part of the development, shall be collected and conveyed to the effluent treatment plant located on the site, prior to discharge to the adjoining receiving waters.
- 2.3 The design, construction, operation and maintenance of the effluent treatment plant, drainage network and ancillary plant and equipment shall be sufficient to treat all effluent generated to the standards set out in this licence, and to enable such treated effluent to be discharged to the receiving waters in compliance with the volumes and characteristics set out in this licence.

(CONT'D)

sludges shall not be discharged in the effluent, but shall be disposed of in consultation with and to the satisfaction of the licensing authority. At the end of each calendar year a report shall be prepared for submission to the licensing authority detailing the quantities of sludge produced, the site used for disposal and the quantities disposed of at each site. This report shall be received by the licensing authority before the end of January of the following year.

- 2.5 All treated effluent shall be discharged via a single discharge point to the Derry River. The outfall shall be fitted with a diffuser.
- 2.6 The licensee shall provide spare effluent storage capacity of 1500 cubic metres in addition to the balancing tank, etc., indicated in the plans submitted to the licensing authority. Details of the additional spare storage capacity shall be submitted to and agreed with the licensing authority prior to the development being commenced. The spare storage capacity to be provided shall be used only in emergency situations and shall not contain effluent in normal circumstances.
- 3.1 Effluent shall be uniformly discharged over a 24 hour period, 7 days a week. Effluent shall normally be discharged at a rate not greater than 21 cu.m./hour, and shall not in any case exceed 25cu.m/hour.
- 3.2 The total volume of treated effluent discharged shall not exceed 500 cu.m per day on average and shall not in any case exceed 550 cu.m. per day.
- 4.1 Daily dry cleaning of floors to remove fat, meat and rind particles before wash down shall be strictly adhered to during all cleaning operations.
- 4.2 Flood washing to all or any areas shall be prohibited.
- 5.1 The quality of the treated effluent when measured immediately prior to discharge to the receiving waters, shall comply with the quality standards set out hereunder in respect of the following determinants:-

DETERMINANT

MAXIMUM LIMIT VALUE mg/l

BOD	
Ammonia (as N)	20
Orthophosphate (as P)	7
Nitrate (as N)	1
Detergents (as Lauryl Sulphate)	70
Chlorides (as Cl)	1
C.O.D.	1000
F.O.G. (Fats, Oil, Grease)	60
S.S. (Suspended Solids)	5
	30

(CONT'D)

The treated effluent shall comply with the following additional quality standards:-

DETERMINANT

LIMIT VALUE

pH

Temperature

Colour (Hazen)

6.0 - 9.0

Ambient

20 (maximum)

- 5.3 The effluent discharged shall be such that no visible film of oil or grease can be observed on a sample of the effluent or on the surface of the river downstream of the point of discharge.
- 6. The biological quality of the receiving waters, i.e. water in the River Derry shall be assessed by an independent consultant prior to the commencement of any effluent discharge. Assessment shall be carried out on an annual basis subsequent to the discharge commencing. The consultant shall be agreed with the licensing authority and the results of the biological surveys carried out shall be submitted to the licensing authority within one month of the completion of each survey.
- 7.1 The licensee shall make adequate provision to facilitate measurement, by the licensee and by the licensing authority, of effluent flows and the taking of effluent samples prior to discharge to the receiving waters.
- 7.2 The licensee shall provide dual integrator and sampling facilities for itself and for the licensing authority, those for the licensing authority having a separate lockable cover with key being retained by the licensing authority. Facilities shall include a suitable automatic flow recorder, incorporating an integrator for recording all effluent flows, together with automatic sampling equipment capable of taking 24 hour flow proportional composite effluent samples. The walls and floors of the chambers in which the facilities are set shall be tiled.
- 7.3 The sampling facility to be provided for the licensing authority shall be located outside the perimeter wall or fencing to be provided around the proposed development at a location to be agreed with the licensing authority. Unhindered access to the monitoring station shall be available for authorised officers of the licensing authority at all times. Access to the monitoring station shall be available at all times for authorised officers without the need to report to personnel employed by the licensee. The location and design of the flow measurement and monitoring station shall be agreed with the licensing authority and shall be installed and operational prior to the commencement of processing operations on site.

(CONT'D)

The licensee shall erect a permanent flow gauging station in order to measure the flow in the receiving water. The location type and design of the flow gauging station shall be as agreed with the licensing authority.

7.5 Authorised officers of the licensing authority shall have access to the above measuring and sampling points at all times.

8.1 The licensee shall monitor and maintain records of the flow and quality of all effluent discharged to the receiving waters as follows:-

(a) continuous recording of flow rates,

(b) daily analysis of a twenty-four hour flow proportional composite sample analysed in respect of BOD, suspended solids, ammonia, total phosphorous, orthophosphate, nitrate, pH and temperature,

(c) weekly analysis of a 24 hour flow proportional composite sample analysed in respect of FOG content, Detergents, Chlorides and COD.

8.2 Copies of records in respect of 8.1 above shall be forwarded to the licensing authority on a monthly basis, within two weeks of the end of each month. The records shall also be made available by the licensee for inspection by authorised officers of the licensing authority and any other person authorised under section 28 of the Local Government (Water Pollution) Act, 1977 at any time on request.

9.1 The name of the person responsible for daily maintenance of the treatment plant shall be advised to the licensing authority prior to the commencement of operations on site. The licensee shall make provision for standby staff as may be necessary during the absence of the nominated person. The licensee shall also advise the name of any specialist firms engaged in the long term maintenance of the treatment plant, including any electrical and mechanical maintenance firms.

9.2 Details of contact personnel, including address and telephone numbers, shall be made available to the licensing authority for contact in the event of emergency. At least one such person shall be available for contact at all times, having due authorisation from the licensee to expedite any such emergency measures as may be required.

(CONT'D)

Authorised officers of the licensing authority or its agents, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, shall have access to the licensee's effluent treatment plant at all reasonable times including, if necessary, times other than normal working hours, and shall also have access to the treatment plant and to the site in general at all times in the event of an emergency.

10. The licensee shall undertake a complete assessment of its effluent treatment plant process vis a vis the effluent generated twelve months after the commencement of operations, which assessment shall be carried out by a recognised independent specialist whose report shall be furnished to the licensing authority within two months of the date of such assessment.
11. The licensee shall make an annual contribution of £10,000 to the local authority towards the cost of monitoring the discharge. This contribution shall be index linked and updated annually in accordance with the Department of the Environment Building Cost Index. The first contribution shall be paid within one month of the commencement of the discharge and subsequent payment shall be annually thereafter.

Signed:

R. T. O'Neadh
COUNTY SECRETARY

Date:

21st May 1991

Local Government (Water Pollution) Act, 1977
REGISTER OF LICENCES UNDER SECTION 4
For the Discharge of Trade and Sewerage Effluents to Waters
LOCAL AUTHORITY: WICKLOW COUNTY COUNCIL

1. *Reference number of the licence:* Ess/14/14/178 (WPL 10)
2. *Name and address of the applicant:* Stone Developments Ltd., Ballybrew, Enniskerry, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Ballybrew Quarries, Enniskerry, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Glencullen River
5. *Location of point(s) of discharge:* Glencullen Bridge, Ballybrew, Enniskerry, Co. Wicklow
6. *Description of effluent:* Trade effluent
7. *Date of grant of licence:* 24th April 1991
8. *Condition attached to licence:* Conditions 1.1 to 7.3 as set out in Licence
9. *If licence is revised, reference no. of previous licence:*
10. *Notification by An Bord Pleanála of appeal:*
 - xv. *Date:*
 - xvi. *Board's reference:*
11. *Result of appeal:*

STATUS: WILL LAPSED IN 3 YEARS. INVESTIGATE.

Local Government (Water Pollution) Act, 1977

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

WICKLOW COUNTY COUNCIL
COUNTY BUILDINGS
WICKLOW

REF. IN REGISTER
Ess/14/14/178

TO: STONE DEVELOPMENTS LIMITED
BALLYBREW
ENNISKERRY
COUNTY WICKLOW

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977 hereby grants a Licence to discharge trade effluent from the settlement lagoon at the premises known as Stone Developments Limited, Ballybrew, Enniskerry, County Wicklow to the Glencullen River at Glencullen Bridge, Ballybrew, subject to the following conditions:-

- 1.1 Only uncontaminated roof, surface water and storm water shall be allowed discharge directly to the receiving waters.
- 1.2 The storm drainage layout on site shall be such as will ensure compliance with this condition and will ensure that all uncontaminated storm waters discharge to the receiving waters via a single agreed discharge point.
- 1.3 The Company's premises shall be laid out, operated and maintained in such manner as will prevent accidental discharge of any polluting matter to waters.
- 1.4 No overflows of untreated effluent or of inadequately treated effluent shall be allowed to discharge directly or indirectly to the Glencullen River from any part of the site or from the effluent settlement lagoon.
- 1.5 All effluent generated at the plant shall be discharged to the settlement lagoon and shall receive sufficient treatment prior to discharge to the Glencullen River to meet the standards as set out below.
- 1.6 Treated effluent shall be discharged via a single discharge point, the identification of which shall be clearly marked and agreed with the Licensing Authority within 2 months of issue of the Licence.

Effluent shall be discharged at a rate not exceeding 9m^3 per hour and shall not in any case exceed a total volume of 90m^3 per day.

3. The quality of the treated effluent when measured immediately prior to discharge to the receiving waters shall comply with the quality standards set out hereunder in respect of the following determinands.

<u>Determinand</u>	<u>Limit Value</u>
Suspended Solids	25mg/l
pH	6.0 - 9.0
Temperature	Ambient
Colour	50 (Hazen)

- 4.1 Provision shall be made by the Company to facilitate the measurement of effluent flows and the taking of effluent samples before discharge to the receiving waters.
- 4.2 Wicklow County Council or its agents shall have access to the said measuring and sampling points at all times. Access shall be unrestricted during normal working hours and the name, address and telephone number of a contact person shall be supplied to the Council to facilitate access outside of normal working hours, if required.
- 5.1 The Company shall monitor and maintain records of the flow and quality of all treated effluent discharged to the receiving water as follows:-
- (a) continuous recording of flow rates,
 - (b) monthly analysis of a sample analysed in respect of suspended solids, pH, temperature and colour.
- 5.2 Copies of records in respect of 5.1 above shall be forwarded to the Licensing Authority on a monthly basis, within two weeks of the end of each month. The records shall also be made available by the Company for inspection by Authorised Officers of the Licensing Authority and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, at any time on request.
6. All domestic sewage effluent shall be discharged to a septic tank and percolation area, designed, constructed and located in accordance with I.I.R.S. recommendations SR6 1975.
- 7.1 The Company shall pay the Licensing Authority an annual contribution of £300 towards the cost of monitoring the discharge and receiving waters.
- 7.2 The initial contribution shall be paid within 21 days of issue of the Licence and annually thereafter.

3 The amount of the contribution shall be reviewed at 2 yearly intervals and shall be index-linked to the Department of the Environment building cost index.

Signed:

Alan Cole

COUNTY SECRETARY

Date:

23/4/91

Note:

An appeal against the above decision may be made before the expiration of one month from the date of the above decision. Such appeal shall (a) be made in writing, (b) state the subject matter of the appeal, (c) state the grounds of appeal, and (d) be accompanied by a deposit of £36.00. A request for an Oral Hearing of the appeal shall be made in writing. The appeal (if any) against the above decision should be addressed to the Secretary, Planning Appeals Board, Floor 3, Blocks 6 & 7, Irish Life Centre, Lower Abbey Street, Dublin 1.
