

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 41
2. *Name and address of the applicant:* William and Esther O'Brien, The Woodenbridge Hotel, Garnagowlan, Woodenbridge, Arklow, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* The Woodenbridge Hotel, Garnagowlan, Woodenbridge, Arklow, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Aughrim River
5. *Location of point(s) of discharge:* Not specified
6. *Description of effluent:* Treated domestic effluent
7. *Date of grant of licence:* 24<sup>th</sup> July 1996
8. *Condition attached to licence:* Conditions numbered 1 to 7.3 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:*
  - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: LAPSED. REVISED LICENCES WPL 61 (ALSO LAPSED) AND  
CURRENT LICENCE WPL 73

WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE

WICKLOW COUNTY COUNCIL REFERENCE IN REGISTER  
COUNTY BUILDINGS, WPL/41  
WICKLOW.

APPLICANT: William & Esther O'Brien.  
Woodenbridge Hotel,  
Garnagowlan,  
Woodenbridge,  
Arklow,  
Co. Wicklow.

Telephone No. (0402) 35146.

PREMISES: Woodenbridge Hotel,  
Garnagowlan,  
Woodenbridge,  
Arklow,  
Co. Wicklow.

Telephone No. (0402) 35146.

DISCHARGE: Treated Domestic Effluent.

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 - 1990 by Manager's Order No. Env/107/96 dated 24<sup>th</sup> July, 1996 hereby grants a Licence to discharge treated domestic effluent from the Woodenbridge Hotel, Garnagowlan, Woodenbridge, Arklow, Co. Wicklow, to the Aughrim River, subject to the following Conditions: -

LICENCE CONDITIONS

1. General Layout and Operation.

- 1.1 This Licence shall be in respect of the discharge of treated domestic effluent from the Woodenbridge Hotel, Garnagowlan, Woodenbridge, Co. Wicklow to the Aughrim River.

- 1.2. The Licensee's premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater to the Aughrim river, other than via the effluent treatment plant.
- 1.3 Uncontaminated roof and surface water shall be separately collected and discharged to soakaways on site.
- 1.4 The Licensee's effluent treatment plant shall be operated and maintained in such manner as to ensure the discharge of treated effluent in accordance with the volume and concentration limits set out in Condition 2.2.
- 1.5 All sludges arising from the treatment plant shall be disposed offsite. The Licensee shall within two months of the date of issue of this licence inform and agree with the local authority the manner in which he proposes to dispose of sludge.
- 1.6 The Licensee shall install a grease trap interceptor for the separation and removal of grease and oil prior to entering the sewage treatment plant. This trap shall be checked regularly and cleaned as required.

**2. Effluent Volume and Characteristics.**

- 2.1 Treated effluent shall be uniformly discharged over a 24 hour period, 7 days a week. The total volume to be discharged shall not exceed 35 m<sup>3</sup>/day subject to a maximum flow rate of 3.5m<sup>3</sup>/hour.
- 2.2 Effluent as discharged shall comply with the quality standards set out hereunder in respect of the following determinands.

DETERMINAND	EMMISSION LIMIT VALUE
pH	6 to 9
Temperature	< 25 °C
BOD <sub>5</sub>	20 mg/l O <sub>2</sub>
COD	40 mg/l O <sub>2</sub>
Suspended Solids	30 mg/l
Total Ammoniacal Nitrogen	20 mg/l N
Nitrate	5 mg/l N
Phosphate	10 mg/l P
Fats/oils/grease	20 mg/l

### 3. Treatment Plant Maintenance.

- 3.1 The name, address and telephone number of the person responsible for the daily maintenance of the package treatment plant shall be submitted to the Licensing Authority within two months of the date of issue of the Licence. The Licensee shall make provision for substitute staff as may be necessary during the absence of the nominated person.
- 3.2 The Licensee shall enter into a service and maintenance contract with a competent, specialist engineering firm for the long-term maintenance of the treatment plant. A copy of the contract document shall be submitted to and agreed with the Licensing Authority within two months of the date of the commissioning of the treatment plant.

### 4. Provision of Monitoring Station.

- 4.1 The Licensee shall provide safe, permanent and immediate access to the final effluent prior to discharge to the river. Free access by authorised personnel shall be provided at all reasonable times.

### 5. Monitoring Regime.

- 5.1 The Licensee shall monitor and maintain records of the flow and quality of all effluent discharged to the receiving water as follows:-
- (a) The Licensee shall install, calibrate and maintain an open channel flow measuring system to measure the flow of effluent as it leaves the treatment plant or a water meter on the drinking water supply to the premises to record the daily drinking water consumption. Records shall be maintained on a monthly basis. In the case of a meter being installed on the water supply the water consumption shall not exceed effluent volume by 25%.
- (b) The Licensee shall arrange to have representative samples of the effluent sampled and tested at peak tourist times, three times annually, in respect of the determinands listed below :-

<u>Determinand</u>	<u>Unit of Expression</u>
pH	Unitless
B.O.D.	mg/l O <sub>2</sub>
COD	mg/l O <sub>2</sub>
Suspended Solids	mg/l
Temperature	°C
Total Ammonical Nitrogen	mg/l N
Nitrate	mg/l N
Phosphate	mg/l P
Fats\Oils\Grease	mg/l

5.2 Copies of records in respect of :-

- (a) Condition 5.1(a) shall be submitted to the Licensing Authority within two weeks of the month to which they relate.
- (b) Condition 5.1(b) shall be submitted to the Licensing Authority within two weeks of the analysis results becoming available.

5.3 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.

**6. Access by Authorised Personnel.**

6.1 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 facilities 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.

6.2 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 within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

**7. Contribution of Licensing Authority.**

7.1 The Licensee shall notify the Licensing Authority when the effluent treatment plant has been installed.

7.2 The Licensee shall pay to the Licensing Authority an annual contribution of £300 towards the cost of monitoring the effluent discharge. The first such payment shall be made within two months of the date of grant of this Licence.

7.3 The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.

Signed: *W. Nicholson*  
A/ COUNTY SECRETARY

Dated: *24<sup>th</sup>* July, 1996.

**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) state the reference number of the Licence (e) state in full the grounds of they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to The Secretary, An Bord Pleanála, Floor, 3 Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.

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WPL/41

*Q* DN/FS

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 42
  2. *Name and address of the applicant:* Peter Joseph O'Neill, Hostel and Camping Park, Derrybawn, Rathdrum, Co. Wicklow
  3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Hostel and Camping Park, Derrybawn, Rathdrum, Co. Wicklow
  4. *Description of Waters to which Discharge is made:* Glenalo River
  5. *Location of point(s) of discharge:* Not specified
  6. *Description of effluent:* Treated domestic effluent
  7. *Date of grant of licence:* 30<sup>th</sup> July 1996
  8. *Condition attached to licence:* Conditions numbered 1 to 7.2 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:*
    - ii. *Board's reference:*
  11. *Result of appeal:*
- STATUS: CURRENT

WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE

WICKLOW COUNTY COUNCIL  
COUNTY BUILDINGS,  
WICKLOW.

REFERENCE IN REGISTER  
WPL/42 .

APPLICANT: Peter Joseph O'Neill,  
Hostel and Camping Park,  
Derrybawn,  
Rathdrum,  
Co. Wicklow.

Telephone No.

PREMISES: Hostel and Camping Park,  
Derrybawn,  
Rathdrum,  
Co. Wicklow.

Telephone No.

DISCHARGE: Treated Domestic Effluent.

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 - 1990 by Manager's Order No. Env/110/96 dated 30<sup>th</sup> July, 1996 hereby grants a Licence to discharge treated domestic effluent only from the premises at the Hostel and Camping Park, Derrybawn, Rathdrum, Co. Wicklow to the Glenalo River, subject to the following Conditions:-

LICENCE CONDITIONS
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1. This Licence shall be in respect of the discharge of treated domestic effluent only, from the premises at the Hostel and Camping Park, Derrybawn, Rathdrum, Co. Wicklow. to the Glenalo River.

All sewage effluent generated by the premises shall be collected and discharged to the effluent treatment system on site, and only effluent so treated shall be discharged to the receiving waters.

2. Treatment Plant Maintenance.

- 2.1 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises which would cause, or be likely to cause, a material alteration in the nature, or increase in the volume, of the effluent discharged.



- 2.2. The inspection and maintenance of the treatment plant shall be the responsibility of a nominated Caretaker or other suitably qualified person whose name and address shall be furnished to Wicklow County Council. The position may be full-time or part-time depending on circumstances. The responsible person/caretaker, shall be fully trained in the operation and maintenance of the plant and the procedures to be carried out in the event of any malfunction of the plant or its equivalent. The Caretaker shall be responsible for the systematic maintenance and monitoring of the plant and equipment in accordance with the manufacturers recommendations.
- 2.3. The Caretaker shall be adequately instructed and equipped to carry out minor electrical and mechanical repairs.
- 2.4. The Licensee shall enter into a servicing and maintenance contract with a competent specialist firm for the long-term maintenance of the effluent treatment plant and ancillary units, the details of which shall be submitted to and agreed with the Licensing Authority prior to the commissioning of the proposed treatment system.

### 3. Effluent Volume and Characteristics.

- 3.1. The treated effluent shall be uniformly discharged over a 24 hour period, seven days a week.  
The total volume to be discharged shall not exceed 15 cubic metres /day subject to a maximum flow rate of 1 cubic metre/hour.
- 3.2. The effluent discharged shall comply with the quality standards set out hereunder.

B.O.D.<sub>5</sub> concentration not exceeding 20mg/l.

Suspended Solids concentration not exceeding 30mg/l.

Total Ammonical Nitrogen not exceeding 20mg/l.

Fats/Oils/Grease not exceeding 20mg/l.

### 4. Monitoring.

- 4.1. The Licensee shall install a readily accessible sampling chamber on the effluent line before the discharge to the receiving waters.
- 4.2. The Licensee shall monitor and maintain records of the flow and quality of all effluent discharged to the receiving waters as follows:-

(a) Effluent Volume :

A flow meter shall be installed, maintained and calibrated to measure the total daily flow of the effluent discharged.

(b) Effluent Characteristics :

Representative samples of the effluent shall be taken every 2 months in the period from April to September of each year and analysed by a reputable laboratory in respect of the determinands listed below.

<u>Determinand</u>	<u>Unit of Expression</u>
pH	Unitless
B.O.D.	mg/l O <sub>2</sub>
Suspended Solids	mg/l
Temperature	°C
Ammonical Nitrogen	mg/l N
Nitrate	mg/l NO <sub>3</sub>
Phosphate	mg/l PO <sub>4</sub>

- 4.3. Copies of records in respect of 4.2. (a) and (b) shall be forwarded to the Licensing Authority **within two weeks** of the 2 month period to which they relate.
- 4.4. 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.
- 4.5. All sludges arising from the treatment plant shall be collected, treated, stored and transported for disposal in accordance with the provisions of the E.C. (Waste) Regulations, 1979 (S.I. No. 390 of 1979) and the E.C. (Toxic & Dangerous Waste) Regulations, 1982 (S.I. No. 33 of 1982).
- 4.6. The Licensee shall notify the Licensing Authority of the commencement of the effluent discharge in advance.

5. Access by Authorised Personnel.

- 5.1. 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 and monitoring facilities 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.
- 5.2. 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, **within two months** of the date of issue of this Licence. At least one such person shall be available for contact at all times.

6. Contribution to Licensing Authority.

- 6.1. The Licensee shall pay the Licensing Authority an annual contribution of £300.00 towards the cost of monitoring the effluent discharge. The first such payment shall be made **within two months** of the date of commencement of the discharge.
- 6.2. The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.

7. Notification to the Licensing Authority

- 7.1. The Licensee shall give details to the Licensing Authority, in writing, of the change of ownership and/or change of name of the premises to which this licence relates.
- 7.2. The Licensee shall notify the Licensing Authority of the commencement of the effluent discharge in advance.

Signed: *A. Nicholson*  
AI COUNTY SECRETARY

Dated: 30<sup>th</sup> July, 1996.

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) state the reference number of the Licence (e) state in full the grounds of they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to The Secretary, An Bord Pleanála, Floor, 3 Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.

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WPL/42

DN/FS

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 43
2. *Name and address of the applicant:* The Cheshire Foundation, Ardeen Cheshire Home, Shillelagh, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Ardeen Cheshire Home, Shillelagh, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Dargle River
5. *Location of point(s) of discharge:* Not specified
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 30<sup>th</sup> July 1996
8. *Condition attached to licence:* Conditions numbered 1 to 8.1 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:*
  - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: CURRENT

**WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE**

**WICKLOW COUNTY COUNCIL REFERENCE IN REGISTER  
COUNTY BUILDINGS, WPL/ 43  
WICKLOW.**

**APPLICANT: The Cheshire Foundation,  
Ardeen Cheshire Home,  
Shillelagh,  
Co. Wicklow.**

**Telephone No. 055-29143**

**PREMISES: Ardeen Cheshire Home,  
Shillelagh,  
Co. Wicklow**

**Telephone No. 055-29143**

**DISCHARGE: Treated Sewage Effluent.**

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 - 1990 by Manager's Order No. Env/111/96 dated 30<sup>th</sup> July, 1996 hereby grants a Licence to discharge treated sewage effluent only from the Ardeen Cheshire Home, Shillelagh, Co. Wicklow to the nearby Derry River, subject to the following Conditions: -

<b>LICENCE CONDITIONS</b>
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**1. General Layout and Operation.**

- 1.1 This Licence shall be in respect of the discharge of treated sewage effluent only, from the Ardeen Cheshire Home, Shillelagh, Co. Wicklow to the nearby Derry River.

- 1.2. 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 groundwater or to any adjacent stream or watercourse, other than via the effluent treatment plant.
  - 1.3. Uncontaminated roof and surface water shall be separately collected and discharged to soakpits on site.
  - 1.4. The Licensee's effluent treatment plant shall be operated and maintained in such manner as to ensure the discharge of treated effluent is in accordance with the volume and concentration limits set out in Condition 2.2.
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- 1.5. All sludges arising from the treatment plant shall be disposed offsite. The Licensee shall within two months of the date of issue of this licence inform and agree with the local authority the manner in which it is proposed to dispose of sludge.
  - 1.6. The Licensee shall install a grease trap interceptor for the separation and removal of fats, oils and grease prior to entry to the sewage treatment plant. This trap shall be checked regularly and cleaned as required.

## 2. Effluent Volume and Characteristics.

- 2.1. Treated effluent shall be uniformly discharged over a 24 hour period, 7 days a week. The total volume to be discharged shall not exceed 21 m<sup>3</sup>/day subject to a maximum flow rate of 1.08m<sup>3</sup>/hour.
- 2.2. Effluent as discharged shall comply with the quality standards set out hereunder in respect of the following determinands.

DETERMINAND	LIMIT VALUE
pH	6 to 9
Temperature	< 25 °C
BOD <sub>5</sub>	20 mg/l O <sub>2</sub>
COD	40 mg/l O <sub>2</sub>
Suspended Solids	30 mg/l
Total Ammoniacal Nitrogen (as N)	20 mg/l N
Nitrate (As N)	5 mg/l N
Phosphate (as PO )	10 mg/l P
Fats/oils/grease	20 mg/l

3. **Treatment Plant Maintenance.**

- 3.1 The name, address and telephone number of the person responsible for the daily maintenance of the package treatment plant shall be submitted to the Licensing Authority within two months of the date of issue of the Licence. The Licensee shall make provision for substitute staff as may be necessary during the absence of the nominated person.
- 3.2 The Licensee shall enter into a service and maintenance contract with a competent, specialist engineering firm for the long-term maintenance of the treatment plant. A copy of the contract document shall be submitted to and agreed with the Licensing Authority within two months of the date of the commissioning of the treatment plant.

4. **Provision of Monitoring Station.**

- 4.1 The Licensee shall provide safe, permanent and immediate access to the final effluent prior to discharge to the river. Free access by authorised personnel shall be provided at all reasonable times.

5. **Monitoring Regime.**

- 5.1 The Licensee shall monitor and maintain records of the flow and quality of all effluent discharged to the receiving water as follows:-
- (a) The Licensee shall install, calibrate and maintain an open channel flow measuring system to measure the flow of effluent as it leaves the treatment plant or a water flow meter on the drinking water supply to the premises to record the daily drinking water consumption. Records shall be maintained on a monthly basis. In the case of a meter being installed on the water supply the water consumption shall not exceed treated effluent volume by 25%.
- (b) The Licensee shall arrange to have representative samples of the effluent sampled and analysed biannually ( twice a year) in respect of the determinands listed below :-

<u>Determinand</u>	<u>Unit of Expression</u>
pH	pH units
B.O.D.	mg/l O <sub>2</sub>
COD	mg/l O <sub>2</sub>
Suspended Solids	mg/l
Temperature	°C
Total Ammonical Nitrogen	mg/l N
Nitrate	mg/l N
Phosphate	mg/l PO
Fats\Oils\Grease	mg/l

Copies of records in respect of :-

- (a) Condition 5.1(a) shall be submitted to the Licensing Authority within two weeks of the month to which they relate,
  - (b) Condition 5.1(b) shall be submitted to the Licensing Authority within two weeks of the analysis results becoming available.
- 5.3 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.

## **6. Access by Authorised Personnel.**

- 6.1 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 facilities 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.
- 6.2 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 within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

## **7. Contribution of Licensing Authority.**

- 7.2 The Licensee shall pay to the Licensing Authority an annual contribution of £300 towards the cost of monitoring the effluent discharge. The first such payment shall be made within two months of the date of grant of this Licence.
- 7.3 The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.



8. Notification to the Licensing Authority

8.1 The Licensee shall notify the Licensing Authority when the effluent treatment plant has been installed commissioned.

Signed: *A. Nicholson*  
A/ COUNTY SECRETARY

Dated: 30<sup>th</sup> July, 1996.

**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) state the reference number of the Licence (e) state in full the grounds of they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to The Secretary, An Bord Pleanála, Floor, 3 Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.

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WPL/43  
DN/FS

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 44
  2. *Name and address of the applicant:* A.M. Giles (Trustee), Humphreystown House, Blessington, Co. Wicklow
  3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Humphreystown House, Blessington, Co. Wicklow
  4. *Description of Waters to which Discharge is made:* Ground water percolation area
  5. *Location of point(s) of discharge:* Not specified
  6. *Description of effluent:* Treated sewage effluent
  7. *Date of grant of licence:* 17<sup>th</sup> October 1996
  8. *Condition attached to licence:* Conditions numbered 1 to 8.1 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: CURRENT

WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE

WICKLOW COUNTY COUNCIL  
COUNTY BUILDINGS,  
WICKLOW.

REFERENCE IN REGISTER  
FILE REF: WPL/44

APPLICANT:           A.M. Giles (trustee),  
                          Humphrystown House,  
                          Blessington,  
                          Co. Wicklow.

Telephone No. 045-867267

PREMISES:           Humphrystown House,  
                          Blessington,  
                          Co. Wicklow

Telephone No. 045-867267

DISCHARGE: Treated Sewage Effluent.

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 - 1990 by Manager's Order No. Env/183/96 dated \_\_\_\_ October, 1996 hereby grants a Licence to discharge treated sewage effluent only from Humphrystown House, Blessington, Co. Wicklow to ground percolation, subject to the following Conditions -

<b>LICENCE CONDITIONS</b>
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1.    General Layout and Operation.
  - 1.1 This Licence shall be in respect of the discharge of treated sewage effluent only, from Humphrystown House, Blessington, Co. Wicklow to ground percolation.
  - 1.2 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 groundwater or to any adjacent stream or watercourse, other than via the effluent treatment system.
  - 1.3 Uncontaminated roof and surface water shall be separately collected and discharged to nearby stream.

- 1.4 The Licensee's effluent treatment system shall be operated and maintained in such manner as to ensure the discharge of treated effluent is in accordance with the volume and concentration limits set out in Condition 2.2.
- 1.5 All sludges arising from the treatment system shall be disposed in a manner agreeable to Local Authority. The Licensee shall within two months of the date of issue of this licence inform and agree with the Licensing Authority the manner in which it is proposed to dispose of sludge.
- 1.6 The Licensee shall install a grease trap interceptor for the separation and removal of fats, oils and grease prior to entry to the sewage treatment plant. This trap shall be checked regularly and cleaned as required.

**2. Effluent Volume and Characteristics.**

- 2.1 Treated effluent shall be uniformly discharged over a 24 hour period, 7 days a week. The total volume to be discharged shall not exceed 16 m<sup>3</sup>/day subject to a maximum flow rate of 2.0m<sup>3</sup>/hour.
- 2.2 Effluent as discharged shall comply with the quality standards set out hereunder in respect of the following determinands.

DETERMINAND	LIMIT VALUE
pH	6 to 9
Temperature	< 25 °C
BOD <sub>5</sub>	20 mg/l O <sub>2</sub>
COD	40 mg/l O <sub>2</sub>
Suspended Solids	30 mg/l
Total Ammoniacal Nitrogen (as N)	20 mg/l N
Nitrate (As N)	5 mg/l N
Phosphate (as PO <sub>4</sub> )	10 mg/l P
Fats/oils/grease	20 mg/l

**3. Treatment Plant Maintenance**

- 3.1. The name, address and telephone number of the person responsible for the operation and maintenance of the treatment system shall be submitted to the Licensing Authority within two months of the date of issue of this licence.
- 3.2 In the start-up and maintenance of the sewage treatment system the Licensee shall have regard for the document received on 16 July 1996 in support of the licence application titled 'Constructed Wetlands- Operating Guidelines'.
- 3.3 The Licensee shall enter into a service and maintenance contract with a competent, specialist, independent consultant for the long-term maintenance of the sewage treatment system. A copy of the contract document shall be submitted to and agreed with the Licensing Authority within two months of the date of commissioning of the sewage treatment system.

4. **Provision of Monitoring Station.**

4.1 The Licensee shall provide safe, permanent and immediate access to the final effluent prior to discharge to ground percolation. Free access by authorised personnel shall be provided at all reasonable times.

5. **Monitoring Regime.**

5.1 The Licensee shall monitor and maintain records of the flow and quality of all effluent discharged from the constructed wetlands to ground percolation as follows:-

(a) The Licensee shall install, calibrate and maintain an open channel flow measuring system to measure the flow of effluent as it leaves the constructed wetlands. Records of flows shall be maintained on a monthly basis.

(b) The Licensee shall arrange to have representative samples of the effluent sampled and analysed biannually ( twice a year) in respect of the determinands listed below :-

<u>Determinand</u>	<u>Unit of Expression</u>
pH	pH units
B.O.D.	mg/l O <sub>2</sub>
COD	mg/l O
Phosphate	mg/l as PO <sub>4</sub>
Fats\Oils\Grease	mg/l
Suspended Solids	mg/l
Total ammoniacal Nitrogen	mg/l as N
Nitrate	mg/l as N

5.2 Copies of records in respect of :-

(a) Condition 5.1(a) shall be submitted to the Licensing Authority within two weeks of the month to which they relate,

(b) Condition 5.1(b) shall be submitted to the Licensing Authority within two weeks of the analysis results becoming available.

5.3 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.

6. **Access by Authorised Personnel.**

6.1 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 facilities at all reasonable times including if necessary times other than normal working hours, and shall also have access to the effluent treatment system and to the site in general at all times in the event of an emergency.

6.2 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 within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

7. **Contribution of Licensing Authority.**

7.2 The Licensee shall pay to the Licensing Authority an annual contribution of £100 towards the cost of monitoring the effluent discharge. The first such payment shall be made within two months of the date of grant of this Licence.

7.3 The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.

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8. **Notification to the Licensing Authority**

8.1 The Licensee shall notify the Licensing Authority when the effluent treatment system has been installed and commissioned.

Signed:   
COUNTY SECRETARY

Dated: 17<sup>th</sup> October, 1996.

**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) state the reference number of the Licence (e) state in full the grounds of they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to The Secretary, An Bord Pleanála, Floor, 3 Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.

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WPL/44  
DN/FS

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 45
2. *Name and address of the applicant:* Eugene Doherty, Ballinaskea, Arklow, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Dwelling house, Ballinaskea, Arklow, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Tributary of Redcross River
5. *Location of point(s) of discharge:* Nearby stream at Ballinaskea
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 20<sup>th</sup> February 1998
8. *Condition attached to licence:* Conditions numbered 1 to 8.2 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: DEVELOPMENT DID NOT GO AHEAD. LAPSED 20<sup>th</sup> FEBRUARY 2001.

WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE

WICKLOW COUNTY COUNCIL  
COUNTY BUILDINGS,  
WICKLOW.

REFERENCE IN REGISTER  
WPL/45

APPLICANT: Eugene Doherty,  
Ballinaskea,  
Arklow,  
Co. Wicklow.

PREMISES: Eugene Doherty,  
Ballinaskea,  
Arklow,  
Co. Wicklow.

DISCHARGE: Treated Sewage Effluent

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977- 1990 by Managers Order No. Env/217/97 dated <sup>9th</sup> 9th February, 1998 hereby grants a licence to discharge treated sewage effluent from the dwelling house of Eugene Doherty, Ballinaskea, Arklow, Co. Wicklow to the nearby tributary of the Redcross River, subject to the following conditions:-

**LICENCE CONDITIONS**

1. General Layout and Operation.

- 1.1 This Licence shall be in respect of the discharge of treated sewage effluent only, from the premises at Ballinaskea, Arklow, Co. Wicklow, to the nearby tributary of the Redcross River.



- 1.2 The Licensee's premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or to the nearby tributary of the Redcross River other than via the biocycle effluent treatment plant and irrigation trench with an outfall to the tributary of the Redcross River.
- 1.3 The irrigation trench with the outfall to the stream shall be constructed as detailed in Fig. 10 of The Irish Agreement Board Certificate No. 96/0033.
- 1.4 Uncontaminated roof and surface water shall be separately collected and discharged to soakaways or watercourse on site.
- 1.5 The Licensee's effluent treatment plant shall be operated and maintained in such manner as to ensure the discharge of treated effluent is in accordance with the volume and concentration limits set out in Condition 2.
- 1.6 All sludges arising from the treatment plant shall be disposed offsite. The Licensee shall within two months of the date of issue of this licence inform and agree with the local authority, the manner in which he proposes to dispose of sludge.
- 1.7 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises which would cause, or be likely to cause a material alteration in the nature, or increase in the volume of the effluent discharged.

**2. Effluent Volume and Characteristics.**

- 2.1 Treated effluent shall be uniformly discharged over a 24 hour period, 7 days a week. The total volume to be discharged shall not exceed 1.4 m<sup>3</sup>/day subject to a maximum flow rate of 0.1m<sup>3</sup>/hour.
- 2.2 Effluent as discharged from the Biocycle Unit shall comply with the quality standards set out hereunder in respect of the following determinands.

DETERMINAND	EMISSION LIMIT VALUE
pH	6 to 9
Temperature	< 25 °C
BOD <sub>5</sub>	<20 mg/l O <sub>2</sub>
COD	<40 mg/l O <sub>2</sub>
Suspended Solids	<30 mg/l
Total Ammoniacal Nitrogen	<20 mg/l N
Nitrate	5 mg/l N
Phosphate	5 mg/l P
Fats/oils/grease	10 mg/l

3. **Treatment Plant Maintenance.**

- 3.1 The name, address and telephone number of the person responsible for the daily maintenance of the package treatment plant shall be submitted to the Licensing Authority within two months of the date of issue of the Licence. The Licensee shall make provision for substitute staff as may be necessary during the absence of the nominated person.
- 3.2 The Licensee shall enter into a long-term service and maintenance contract with a competent, specialist firm for the service and maintenance of the treatment plant. A copy of the contract document shall be submitted to and agreed with the Licensing Authority within two months of the date of the commissioning of the treatment plant.
- 3.3 The aforementioned contract shall include at least two visits every year. A copy of each service and maintenance report shall be submitted to the Licensing Authority within two weeks of the reports becoming available.
- 3.4 The Licensee shall ensure that he receives a full training on the daily operation of the Biocycle Treatment Plant and shall be issued with a instruction manual from Biocycle Ltd. outlining the operation of the Biocycle Treatment Plant.

4. **Provision of Monitoring Station.**

- 4.1 The Licensee shall provide safe, permanent and immediate access to the treated effluent prior to and after the discharge to the irrigation trench. Free access by authorised personnel shall be provided at all reasonable times.

5. **Monitoring Regime.**

- 5.1 The Licensee shall arrange to have a representative sample of the treated effluent from the Biocycle Unit taken and tested at least once a year, in respect of the determinands listed below :-

<u>Determinand</u>	<u>Unit of Expression</u>
pH	pH Unit
B.O.D.	mg/l O <sub>2</sub>
COD	mg/l O <sub>2</sub>
Suspended Solids	mg/l
Temperature	°C
Total Ammonical Nitrogen	mg/l N
Nitrate	mg/l N
Phosphate	mg/l P
Fats\Oils\Grease	mg/l

5.2 Copies of records of testing results of the treated effluent shall be submitted to the Licensing Authority within two weeks of the test results becoming available.

5.3 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.

**6. Access by Authorised Personnel.**

6.1 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 facilities 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.

6.2 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 within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.


**7. Contribution of Licensing Authority.**

7.1 The Licensee shall pay to the Licensing Authority an annual contribution of £100 towards the cost of monitoring the effluent discharge. The first such payment shall be made within two months of the date of grant of this Licence.

7.2 The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.

8. Notification to the Licensing Authority

- 8.1 The licensee shall notify the licensing authority in writing of the change of ownership of the premises.
- 8.2 The Licensee shall notify the Licensing Authority when the effluent treatment plant has been completely installed.

Signed   
COUNTY SECRETARY

Date: 20<sup>th</sup> February, 1998.

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 grounds of appeal, and (d) state the reference number of the Licence (e) state in full the grounds of which they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to The Secretary, An Bord Pleanála, Floor, 3 Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.

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WPL 45  
TG/

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 46
2. *Name and address of the applicant:* Jerry Mitchell, Mitchell's Restaurant and Old Mill Development, Laragh East, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Mitchell's Restaurant and Old Mill Development, Laragh East, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Glenmacnass River
5. *Location of point(s) of discharge:* Glenmacnass River
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 23<sup>rd</sup> February 1998
8. *Condition attached to licence:* Conditions numbered 1 to 8.2 as set out in the Licence
9. *If licence is revised, reference no. of previous licence:* WPL 38
10. *Notification by An Bord Pleanála of appeal:*
  - i. *Date:*
  - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: CURRENT INVESTIGATE

**WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE**

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

**REFERENCE IN REGISTER  
WPL/46**

**APPLICANT: Jerry Mitchell,  
Mitchell's Restaurant,  
Laragh East,  
Co. Wicklow.**

**PREMISES: Jerry Mitchell,  
Mitchell's Restaurant & Old Mill Development,  
Laragh East,  
Co. Wicklow.**

**DISCHARGE: Treated Sewage Effluent.**

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 - 1990 by Manager's Order No. Env/75/98 dated 20<sup>th</sup> February, 1998 hereby grants a Licence to discharge of treated sewage effluent from the Mitchell's Restaurant & Old Mill Development at Laragh East, Co. Wicklow, subject to the following Conditions: -

<b>LICENCE CONDITIONS</b>
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**1. General Layout and Operation.**

- 1.1 This Licence shall be in respect of the discharge of treated sewage effluent from the Mitchell's Restaurant & Old Mill Development at Laragh East, Co. Wicklow, to the Glenmacnass River.

The Licence shall replace and shall not be additional to the Licence (Licence Ref. WPL/38) issued on 16th April, 1996, permitting the

discharge of treated sewage effluent from Mitchell's Restaurant at Laragh East, Co. Wicklow, to the Glenmacnass River.

- 1.2. The Licensee's premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or to the Glenmacnass River, other than via the effluent treatment plant to the Glenmacnass River.
- 1.3. Uncontaminated roof and surface water shall be separately collected and discharged to soakaways or watercourse on site.
- 1.4. The Licensee shall install grease trap interceptors for the separation and removal of grease from the wastewater from the kitchen areas prior to entering the sewage treatment plant. These traps shall be checked regularly and cleaned as required.
- 1.5. The Licensee's effluent treatment plant shall be operated and maintained in such manner as to ensure the discharge of treated effluent is in accordance with the volume and concentration limits set out in Conditions 2.1 and 2.2.
- 1.6. All sludges arising from the treatment plant shall be disposed offsite. The Licensee shall within two months of the date of issue of this licence inform and agree with the local authority the manner in which he proposes to dispose of sludge.
- 1.7. The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises which would cause, or be likely to cause a material alteration in the nature, or increase in the volume of the effluent discharged.
- 1.8. The wastewater from the jacuzzi bath shall be dechlorinated by passing it through an adequately sized and designed activated carbon filter with an automatic backwash mechanism prior to being discharged to the foul sewer. The backwash water shall also be discharged to the foul sewer. The activated carbon filter shall be operated and maintained in such a manner as to ensure that the wastewater and backwash water discharged from it is in accordance with condition 2.3.

## **2. Effluent Volume and Characteristics.**

- 2.1 Treated effluent shall be uniformly discharged over a 24 hour period, 7 days a week. The total volume to be discharged shall not exceed 23 m<sup>3</sup>/day subject to a maximum flow rate of 3m<sup>3</sup>/hour.

2.2 Effluent as discharged from the effluent treatment plant shall comply with the quality standards set out hereunder in respect of the following determinands:-

DETERMINAND	EMISSION LIMIT VALUE
pH	6 to 9
Temperature	< 25 °C
BOD <sub>5</sub>	<20 mg/l O <sub>2</sub>
COD	<60 mg/l O <sub>2</sub>
Suspended Solids	<30 mg/l
Total Ammoniacal Nitrogen	<25 mg/l N
Nitrate	<15 mg/l N
Phosphate	<12 mg/l P
Fats/oils/grease	<10 mg/l

2.3. Fats, Oils and grease shall not be present in quantities in the effluent such as to:-

- (i) form visible films on the surface of the water,
- (ii) form coatings on beds of water courses, benthic biota or food sources.
- (iii) cause deleterious effects on aquatic life.
- (vi) impart a detectable taste or odour to edible aquatic species..

2.4 The wastewater and backwash water from the activated carbon filter shall have a Total Chlorine Residual of less than 0.2 mg/l HOCl and a Free Chlorine Residual of less than 0.1 mg/l HOCl.

### 3. Treatment Plant Maintenance.

3.1 The name, address and telephone number of the trained person responsible for the daily maintenance of the package treatment plant shall be submitted to the Licensing Authority within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained staff as may be necessary during the absence of the nominated person.



- 3.2 The Licensee shall enter into a long-term service and maintenance contract with a competent specialist firm for the service and maintenance of the treatment plant. A copy of the contract document shall be submitted to and agreed with the Licensing Authority within two months of the date of the commissioning of the treatment plant.
- 3.3 The aforementioned contract shall include at least two visits every year. A copy of each service and maintenance report shall be submitted to the Licensing Authority within one month of the reports becoming available.
- 3.4 The Licensee shall ensure that he receives detailed instruction on the daily operation of the effluent treatment plant and shall be issued with a instruction manual from manufacturer outlining the operation of the effluent treatment plant. A copy of the instruction manual shall be submitted to the Licensing Authority within two months of the date of the commissioning of the treatment plant.
- 3.5 The activated carbon filter shall be regenerated as often as is found necessary in order to ensure that condition 2.3 is complied with.

#### 4. Provision of Monitoring Station.

- 4.1 The Licensee shall provide safe, permanent and immediate access to the treated effluent prior to the discharge of the effluent to the Glenmacnass River. Free access by authorised personnel shall be provided at all reasonable times.

#### 5. Monitoring Regime.

- 5.1 The Licensee shall install, calibrate and maintain an open channel flow measuring system to measure and record the flow of effluent discharged to the Glenmacnass River.
- 5.2 The Licensee shall arrange to have a representative sample of the treated effluent from the effluent treatment plant taken and tested at least once monthly, in respect of the determinands listed below :-

<u>Determinand</u>	<u>Unit of</u>	<u>Expression</u>
pH		pH Unit
B.O.D.		mg/l O <sub>2</sub>
COD		mg/l O <sub>2</sub>
Suspended Solids		mg/l
Temperature		°C
Total Ammonical Nitrogen		mg/l N
Nitrate		mg/l N

Phosphate  
Fats\Oils\Grease

mg/l P  
mg/l

- 5.3 The wastewater from the jacuzzi, the treated wastewater from the activated carbon filter and the backwash wastewater from the activated carbon filter shall be tested for Total Residual Chlorine and Free Residual Chlorine on site, at least once a week.
- 5.4 Copies of the monitoring records referred to in conditions 5.1 to 5.3 inclusive shall be submitted to the Licensing Authority within one month of the records becoming available.
- 5.5. 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.

## 6. Access by Authorised Personnel.

- 6.1 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 facilities 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.
- 6.2 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 within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

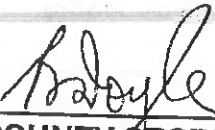
## 7. Contribution to Licensing Authority.

- 7.1 The Licensee shall pay to the Licensing Authority an annual contribution of £300 towards the cost of monitoring the effluent discharged. The first such payment shall be made within two months of the date of grant of this Licence.
- 7.2 The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.

8. Notification to the Licensing Authority

- 8.1 The Licensee shall notify the the licensing authority in writing of the change of ownership of the premises.
- 8.2 The Licensee shall notify the Licensing Authority when the effluent treatment plant has been completely installed.

Signed

  
\_\_\_\_\_  
COUNTY SECRETARY

Date: 23<sup>rd</sup> February, 1998.

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) state the reference number of the Licence (e) state in full the grounds of they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to The Secretary, An Bord Pleanala, Floor, 3 Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.

WPL/46

DN/FS

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 47
2. *Name and address of the applicant:* Shelton Abbey Prison, Arklow, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Shelton Abbey Prison, Arklow, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Mountain stream tributary of Avoca River
5. *Location of point(s) of discharge:* Tributary of Avoca River
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 23<sup>rd</sup> April 1998
8. *Condition attached to licence:* Conditions numbered 1 to 8.3 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:*
  - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: CURRENT

**WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE**

**WICKLOW COUNTY COUNCIL REFERENCE IN REGISTER  
COUNTY BUILDINGS, WPL 47  
WICKLOW.**

**APPLICANT:** Dept. of Justice, Equality and Law Reform,  
72-76 St. Stephen's Green,  
Dublin 2.

**TELEPHONE :** (01) 6028292

**PREMISES:** Shelton Abbey Prison,  
Arklow,  
Co. Wicklow.

**DISCHARGE:** Treated Sewage Effluent.

**ORDER:**

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 - 1990 by Manager's Order No. Env. 130/98 dated 23rd April, 1998 hereby grants a Licence to discharge treated sewage effluent from the reed bed secondary treatment system at Shelton Abbey Prison, Arklow, Co. Wicklow, to the mountain stream tributary of the Avoca River.

**LICENCE CONDITIONS**

**1. General Layout and Operation.**

1.1 This Licence shall be in respect of the discharge of treated sewage effluent from the reed bed secondary treatment system at Shelton Abbey Prison, Arklow, Co. Wicklow, to the mountain stream tributary of the Avoca River.

1.2 The Licensee's premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or to the mountain stream tributary of the Avoca River, other than via the reed bed secondary treatment system to the mountain stream tributary of the Avoca River.

1.3 Uncontaminated roof and surface water shall be separately collected and discharged to soakaways or the watercourse on site.

1.4 The Licensee shall install grease trap interceptors for the separation and removal of grease from the kitchen wastewater prior to entering the sewage treatment system. These traps shall be checked regularly and cleaned as required.

1.5 The Licensee's sewage treatment system shall be operated and maintained in such manner as to ensure the discharge of treated effluent is in accordance with the volume and concentration limits set out in Conditions 2.1 and 2.2.

1.6 All sludges arising from the treatment plant shall be disposed offsite. The Licensee shall within two months of the date of issue of this licence inform and agree with the local authority the manner in which he proposes to dispose of sludge.

## 2. Effluent Volume and Characteristics.

2.1 Treated effluent shall be uniformly discharged over a 24 hour period, 7 days a week. The total volume to be discharged shall not exceed 22 m<sup>3</sup>/day subject to a maximum flow rate of 3m<sup>3</sup>/hour.

2.2 The effluent discharged from the effluent treatment plant shall comply with the quality standards set out hereunder in respect of the following determinands:-

DETERMINAND	EMISSION LIMIT VALUE
pH	6 to 9
Temperature	< 25 °C
BOD <sub>5</sub>	<20 mg/l O <sub>2</sub>
COD	<60 mg/l O <sub>2</sub>
Suspended Solids	<30 mg/l
Total Ammoniacal Nitrogen	<20 mg/l N
Nitrate	<15 mg/l N
Phosphate	<12 mg/l P
Fats/oils/grease	<10 mg/l

2.3 Fats, Oils and grease shall not be present in quantities in the effluent such as to:-

- (i) form visible films on the surface of the water,
- (ii) form coatings on beds of water courses, benthic biota or food sources,
- (iii) cause deleterious effects on aquatic life,
- (iv) impart a detectable taste or odour to edible aquatic species.

## 3. Treatment Plant Maintenance.

3.1 The name, address and telephone number of the trained person responsible for the daily operation and maintenance of the sewage treatment system shall be submitted to the Licensing Authority within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained staff as may be necessary during the absence of the nominated person.

3.2 The Licensee shall enter into a service and maintenance contract with a competent specialist, independent consultant for the long-term maintenance of the sewage treatment system. A copy of the contract document shall be submitted to and agreed with the Licensing Authority within two months of the date of the commissioning of the sewage treatment system.

3.3 The aforementioned contract shall include at least two visits every year. A copy of each service and maintenance report shall be submitted to the Licensing Authority within one month of the date of the report becoming available.

3.4 The Licensee shall ensure that he receives detailed instruction on the daily operation and maintenance of the sewage treatment system and shall be issued with a instruction manual from manufacturer outlining the operation of it. A copy the instruction manual shall be submitted to the Licensing Authority within two months of the date of the commissioning of the treatment plant.

#### 4. Provision of Monitoring Station.

4.1 The Licensee shall provide safe, permanent and immediate access to the point of discharge of the treated effluent to the receiving water and also to the receiving water upstream and 25m downstream of the discharge point of discharge.

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.

#### 5. Monitoring Regime.

5.1 The Licensee shall install, calibrate and maintain a water meter on the drinking water supply to the Shelton Abbey Prison. The water meter readings shall be recorded daily, and the water consumption noted accordingly.

5.2 The Licensee shall arrange to have a representative sample of the treated effluent from the sewage treatment system taken and tested at least once monthly, in respect of the determinands listed below :-

<u>Determinand</u>	<u>Unit of Expression</u>
pH	Unit
B.O.D.	mg/l O <sub>2</sub>
COD	mg/l O <sub>2</sub>
Suspended Solids	mg/l
Temperature	°C
Total Ammonical Nitrogen	mg/l N
Nitrate	mg/l N
Phosphate	mg/l P
Fats\Oils\Grease	mg/l

5.3 Copies of the monitoring records referred to in conditions 5.1 and 5.2 shall be submitted to the Licensing Authority within one month of the date of the records becoming available.

5.4 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.

6. Access by Authorised Personnel.

6.1 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 sewage treatment system at all reasonable times including if necessary, times other than normal working hours, and shall also have access to the sewage treatment system and to the site in general at all times in the event of an emergency.

6.2 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 within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

7. Contribution of Licensing Authority.

7.2 The Licensee shall pay to the Licensing Authority an annual contribution of £300 towards the cost of monitoring the effluent discharged. The first such payment shall be made within two months of the date of grant of this Licence.

7.3 The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.

8. Notification to the Licensing Authority

8.1 The Licensee shall notify the the licensing authority in writing of the change of ownership of the premises.

8.2 The Licensee shall notify the Licensing Authority when the effluent treatment plant has been completely installed.

8.3 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises which would cause, or be likely to cause a material alteration in the nature, or increase in the volume of the effluent discharged.

Signed: *M. Nicholson*  
COUNTY SECRETARY

DATE: 23rd APRIL, 1998.

**NOTE;**

An appeal against the above decision may be made before the expiration on 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) state the reference number of the Licence and (e) state in full the grounds on they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to The Secretary, An Bord Pleanala, Floor 3, Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.



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:* WPL 48
2. *Name and address of the applicant:* Harry Webster, Silver Strand, Wicklow, Co. Wicklow.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Webster's Caravan Park, Silver Strand, Wicklow, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Groundwater via percolation area
5. *Location of point(s) of discharge:* not specified
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 21<sup>st</sup> May 1998
8. *Condition attached to licence:* Conditions numbered 1 to 8.2 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:*
  - ii. *Board's reference:*
11. *Result of appeal:*

STATUS: CURRENT

**WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE**

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

**REFERENCE IN REGISTER  
WPL/48**

**APPLICANT:** Harry Webster.  
Silverstrand,  
Wicklow,  
Co. Wicklow.

**TELEPHONE NO.** 0404 - 67615

**PREMISES:** Harry Webster.  
Caravan Park.  
Silverstrand,  
Wicklow,  
Co. Wicklow.

**TELEPHONE NO.** 0404 - 67615

**DISCHARGE:** Treated Sewage Effluent.

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 - 1990 by Manager's Order No. Env/216/98 dated 22 May, 1998 hereby grants a Licence to discharge treated sewage effluent from the Caravan Park, Silverstrand, Wicklow Co. Wicklow to groundwater via a percolation area, subject to the following Conditions:-

<b>LICENCE CONDITIONS</b>
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**1. General Layout and Operation.**

- 1.1 This Licence shall be in respect of the discharge of treated sewage effluent from the Caravan Park, Silverstrand, Wicklow, Co. Wicklow to groundwater via a percolation area.
- 1.2 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 groundwater or to any watercourse or to seawater except in accordance with this licence.

- 1.3 Uncontaminated roof and surface water shall be separately collected and discharged to soakaways on site.
- 1.4 The Licensee's effluent treatment plant shall be operated and maintained in such manner as to ensure the discharge of treated effluent in accordance with the volume and concentration limits set out in Condition 2.2.
- 1.5 All sludges arising from the treatment plant shall be disposed offsite and shall be collected, treated, stored and transported for disposal in accordance with the provisions of the E.C. (Waste) Regulations, 1979 (S.I. 390 of 1979) and the E.C. (Toxic & Dangerous) Regulations, 1982 (S.I. 33 of 1982). The Licensee shall within **two months** of the date of issue of this licence inform and agree with the local authority the manner in which he proposes to dispose of the sludge.
- 1.6 The percolation area and reserve percolation area shall be designed and laid out in accordance with the requirements of BS 6297 : 1983. The percolation areas shall be located as indicated on map no.94/W/30.

## 2. Effluent Volume and Characteristics.

- 2.1 The treated effluent from the sewage treatment plant shall not exceed 93 m<sup>3</sup>/day and shall be transferred to a 110 m<sup>3</sup> Balancing tank prior to the discharge to the percolation area. The treated effluent from the balancing tank shall be uniformly discharged over a 24 hour period, 7 days a week to the percolation area constructed to the BS 6297:1983 specification. The total volume discharged to the percolation bed shall not exceed 45 m<sup>3</sup>/day subject to a maximum flow rate of 2m<sup>3</sup>/hour.
- 2.2 Effluent prior to discharge to the percolation area shall comply with the quality standards set out hereunder in respect of the following determinands.

DETERMINAND	EMISSION LIMIT VALUE
pH	6 to 9
Temperature	< 25 °C
BOD <sub>5</sub>	20 mg/l O <sub>2</sub>
COD	40 mg/l O <sub>2</sub>
Suspended Solids	30 mg/l
Total Ammoniacal Nitrogen	20 mg/l N
Nitrate	5 mg/l N
Phosphate	10 mg/l P
Fats/oils/grease	20 mg/l

### 3. Treatment Plant Maintenance.

- 3.1 The name, address and telephone number of the person responsible for the daily maintenance and operation of the sewage treatment plant shall be submitted to the Licensing Authority within **two months** of the date of issue of the Licence. This person shall be issued with a concise operational manual for the treatment plant, and shall be fully trained to competently operate and maintain the treatment plant. The Licensee shall make provision for trained substitute staff as may be necessary during the absence of the nominated person.
- 3.2 The Licensee shall enter into a service and maintenance contract with a competent, specialist engineering firm for the long-term maintenance and performance of the treatment plant. A copy of the contract document shall be submitted to and agreed with the Licensing Authority within **two months** of the date of the commissioning of the treatment plant. The sewage treatment plant shall be serviced twice annually and a copy of the service report for each service visit shall be submitted to the Licensing Authority within **one month** of the date of the visit.

### 4. Provision of Monitoring Station.

- 4.1 The Licensee shall provide safe, permanent and immediate access to the final effluent prior to discharge to the percolation area. Free access by authorised personnel shall be provided at all reasonable times.

### 5. Monitoring Regime.

- 5.1 The Licensee shall monitor and maintain records of the flow and quality of all effluent discharged to the receiving water as follows:-

- (a) The Licensee shall install, calibrate and maintain an open channel flow measuring system to measure the flow of effluent as it leaves the treatment plant.

The Licensing Authority may, at its direction, find acceptable the installation of a water meter on the drinking water supplies to the premises to record the daily drinking water consumption, as an alternative to an open channel flow measuring system on the effluent line, provided scrupulous records of daily water meter readings are maintained. If the licensee decides to monitor the effluent flow by installing a meter on the drinking water supply then the water consumption shall not exceed 110 m<sup>3</sup>/day.

- (b) The Licensee shall arrange to have representative samples of the effluent sampled and tested at peak tourist times, seven samples annually, monthly in the period June to September inclusive and once every three months in the period October to May inclusive in respect of the determinands listed below:-

<u>Determinand</u>	<u>Unit of Expression</u>
pH	Unitless
B.O.D.	mg/l O <sub>2</sub>
COD	mg/l O <sub>2</sub>
Suspended Solids	mg/l
Temperature	°C
Total Ammonical Nitrogen	mg/l N
Nitrate	mg/l N
Phosphate	mg/l P
Fats\Oils\Grease	mg/l

5.2 Copies of records in respect of :-

- (a) Condition 5.1(a) shall be submitted to the Licensing Authority within two weeks of the month to which they relate,
- (b) Condition 5.1(b) shall be submitted to the Licensing Authority within two weeks of the month to which they relate.

5.3 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.

6. Access by Authorised Personnel.

- 6.1 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 facilities 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.
- 6.2 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 within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

7. Contribution to Licensing Authority.

- 7.1 The Licensee shall pay to the Licensing Authority an annual contribution of £300 towards the cost of monitoring the effluent discharge. The first such payment shall be made within **two months** of the date of grant of this Licence.
- 7.2 The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.

**8. Notification to the Licensing Authority.**

- 8.1 The licensee shall give notice in writing to the Licensing Authority of the change of ownership and/or change of name of the premises to which this licence relates.
- 8.2 The Licensee shall notify the Licensing Authority when the effluent treatment plant has been installed and commissioned.

Signed: \_\_\_\_\_

*Boyle*  
COUNTY SECRETARY

Date: *21st* May, 1998.

**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) state the reference number of the Licence (e) state in full the grounds of the on which they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to the Secretary, An Bord Pleanala, Floor, 3 Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.

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WPL/48 —  
MP/FS

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 49
2. *Name and address of the applicant:* Mr. Patrick Cleary, Wicklow Custom Packaging, Kilcoole Road, Newtownmountkennedy, Co. Wicklow
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Wicklow Custom Packaging, Kilcoole Road, Newtownmountkennedy, Co. Wicklow
4. *Description of Waters to which Discharge is made:* Nearby stream
5. *Location of point(s) of discharge:* Not specified
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 6<sup>th</sup> July 1998
8. *Condition attached to 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

WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE

WICKLOW COUNTY COUNCIL  
COUNTY BUILDINGS,  
WICKLOW.

REFERENCE IN REGISTER  
WPL/49

APPLICANT: Mr. Patrick Cleary,  
Wicklow Custom Packaging,  
Kilcoole Road,  
Newtownmountkennedy,  
Co. Wicklow.

TELEPHONE: (01) 2810234

PREMISES: Wicklow Custom Packaging,  
Kilcoole road,  
Newtownmountkennedy,  
Co. Wicklow.

DISCHARGE: Treated Sewage Effluent

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977- 1990 by Managers Order No. Env/312/98 dated 6<sup>th</sup> July, 1998 hereby grants a licence to discharge treated sewage effluent from Wicklow Custom Packaging Limited's premises at Kilcoole Road, Newtownmoutkennedy, to the nearby stream, subject to the following conditions:-

**LICENCE CONDITIONS**

1. **General Layout and Operation.**
  - 1.1 This Licence shall be in respect of the discharge of treated sewage effluent from the premises of Wicklow Custom Packaging Limited, at Newtownmountkennedy, Co. Wicklow, to the nearby stream.



- 1.2. The Licensee's premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or to the nearby stream, other than via the sewage treatment system to the nearby stream.
- 1.3. Uncontaminated roof and surface water shall be separately collected and discharged to soakaways or the water course on site.
- 1.4. The Licensee shall install a grease trap interceptor for the separation and removal of grease from the kitchen wastewater prior to entering the sewage treatment plant. The trap shall be checked regularly and cleaned as required.
- 1.5. The Licensee's sewage treatment plant shall be operated and maintained in such manner as to ensure the discharge of treated effluent is in accordance with the volume and concentration limits set out in Condition 2.1 and 2.2.
- 1.6. All sludges arising from the treatment plant shall be disposed offsite. The Licensee shall within **two months** of the date of issue of this licence inform and agree with the local authority the manner in which he proposes to dispose of sludge.
- 1.7. All fuel and oil storage tanks 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.
- 1.8. Drums of chemicals, oils and/or solvents shall be stored in designated and secure storage areas. Storage areas shall be bunded or otherwise designed so that surface and ground waters cannot be contaminated by any spillage.

**2. Effluent Volume and Characteristics.**

- 2.1 Treated effluent shall be uniformly discharged over a 24 hour period, 7 days a week. The total volume to be discharged shall not exceed 7.2 m<sup>3</sup>/day subject to a maximum flow rate of 0.6m<sup>3</sup>/hour.
- 2.2. The effluent discharged from the effluent treatment plant shall comply with the quality standards set out hererunder in respect of the following determinands:-

<b>DETERMINAND</b>	<b>EMISSION LIMIT VALUE</b>
pH	6 to 9
Temperature	< 25 °C
BOD <sub>5</sub>	<20 mg/l O <sub>2</sub>
COD	<40 mg/l O <sub>2</sub>
Suspended Solids	<30 mg/l
Total Ammoniacal Nitrogen	<20 mg/l N
Nitrate	<15 mg/l N
Phosphate	<12 mg/l P
Fats/oils/grease	<10 mg/l

2.3 Fats, oils and grease shall not be present in quantities in the effluent such as to:-

- (i) form visible films on the surface of the water,
- (ii) form coatings on beds of water courses, benthic biota or food sources,
- (iii) cause deleterious effects on aquatic life,
- (iv) impart a detectable taste or odour to edible aquatic species.

### 3. Treatment Plant Maintenance.

- 3.1 The name, address and telephone number of the trained person responsible for the daily operation and maintenance of the sewage treatment plant shall be submitted to the Licensing Authority within **two months** of the date of issue of the Licence. The Licensee shall make provision for substitute trained staff as may be necessary during the absence of the nominated person.
- 3.2 The Licensee shall enter into a service and maintenance contract with a competent specialist, independent consultant for the long-term maintenance of the sewage treatment plant. A copy of the contract document shall be submitted to and agreed with the Licensing Authority within **one month** of the date of the issue of this licence.
- 3.3 The aforementioned contract shall include at least two visits every year. The first such visit shall occur within **two months** of the date of issue of this licence. A copy of each service and maintenance report shall be submitted to the Licensing Authority within **one month** of the date of the report becoming available.
- 3.4 The Licensee shall ensure that he receives detailed instruction on the daily operation and maintenance of the sewage treatment plant and shall be issued with an instruction manual from the competent specialist, independent consultant or manufacturer outlining the operation of it. A copy of the instruction manual shall be submitted to the Licensing Authority within **one month** of the date of issue of this licence.

### 4. Provision of Monitoring Station.

- 4.1 The Licensee shall provide safe, permanent and immediate access to the point of discharge of the treated effluent prior to the receiving water and also to the receiving water upstream and 25m downstream of the point of discharge.

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.

5. **Monitoring Regime.**

- 5.1 The Licensee shall install, calibrate and maintain an open channel flow measuring system to measure the flow of the effluent as it leaves the sewage treatment system.
- 5.2. The Licensee shall arrange to have a representative sample of the treated effluent from the sewage treatment plant taken and tested at least once monthly, in respect of the determinands listed below:-

<u>Determinand</u>	<u>Unit of Expression</u>
pH	pH Unit
B.O.D.	mg/l O <sub>2</sub>
COD	mg/l O <sub>2</sub>
Suspended Solids	mg/l
Temperature	°C
Total Ammonical Nitrogen	mg/l N
Nitrate	mg/l N
Phosphate	mg/l P
Fats\Oils\Grease	mg/l

- 5.3 Copies of the monitoring records referred to in Condition 5.1 and 5.2. shall be submitted to the Licensing Authority within **one month** of the date of the records becoming available.
- 5.4. 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) Acts, 1977, at any time on request.

6. **Access by Authorised Personnel.**

- 6.1. 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 sewage treatment plant at all reasonable times including if necessary, times other than normal working hours, and shall also have access to the sewage treatment plant and to the site in general at all times in the event of an emergency.
- 6.2. 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 within **two months** of the date of issue of the Licence. At least one such person shall be available for contact at all times.

7. **Contribution to Licensing Authority.**

- 7.1 The Licensee shall pay to the Licensing Authority an annual contribution of £300 towards the cost of monitoring the effluent discharged. The first such payment shall be made within **two months** of the date of grant of this Licence.
- 7.2 The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.

8. **Notification to the Licensing Authority**

- 8.1 The licensee shall notify the licensing authority in writing of the change of ownership of the premises.
- 8.2 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises which would cause, or be likely to cause a material alteration in the nature, or increase the volume of the effluent discharged.

Signed *Wickham*  
COUNTY SECRETARY

Date: 7<sup>th</sup> July, 1998.

**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 grounds of appeal, and (d) state the reference number of the Licence (e) state in full the grounds of which they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to The Secretary, An Bord Pleanála, Floor, 3 Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.

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:* WPL 50
  2. *Name and address of the applicant:* Christopher Morris Ltd., Glenmalure Golf Club, Ballintombay, Greenan, Rathdrum, Co. Wickow
  3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Glenmalure Pine Village and Golf Club, Ballintombay, Greenan, Rathdrum. Co. Wicklow
  4. *Description of Waters to which Discharge is made:* Avonbeg River
  5. *Location of point(s) of discharge:* Not specified
  6. *Description of effluent:* Treated sewage effluent
  7. *Date of grant of licence:* 31<sup>st</sup> August 1998
  8. *Condition attached to licence:* Conditions numbered 1 to 12.1 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:*
    - ii. *Board's reference:*
  11. *Result of appeal:*
- STATUS: CURRENT

**WICKLOW COUNTY COUNCIL  
LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990  
SECTION 4 DISCHARGE LICENCE**

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

**REFERENCE IN REGISTER  
WPL/50**

**APPLICANT: Christopher Morris Ltd.,  
Glenmalure Golf Club,  
Ballintombay,  
Greenan,  
Rathdrum,  
Co. Wicklow.**

**PREMISES: Glenmalure Pine Village & Golf Club,  
Ballintombay,  
Greenan,  
Rathdrum,  
Co. Wicklow.**

**DISCHARGE: Treated Sewage Effluent.**

Wicklow County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts, 1977 - 1990 by Manager's Order No. Env 470/98 dated 31<sup>st</sup> August, 1998 hereby grants a Licence to discharge of treated sewage effluent only, from the Glenmalure Pine Village & Golf Club, Ballintombay, Greenan, Rathdrum, Co. Wicklow to the Avonbeg River subject to the following conditions: -

**LICENCE CONDITIONS**

**1. General Layout and Operation**

- 1.1 This Licence shall be in respect of the discharge of treated sewage effluent only, from the Glenmalure Pine Village & Golf Club, Ballintombay, Greenan, Rathdrum, Co. Wicklow to the Avonbeg River.

- 1.2. The Licensee's premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater to the nearby river, other than via the effluent treatment plant.
- 1.3. Uncontaminated roof and surface water shall be separately collected and discharged to the river or soakaways on site.
- 1.4. The Licensee's effluent treatment plant shall be operated and maintained in such manner as to ensure the discharge of treated effluent is in accordance with the volume and concentration limits set out in Conditions 2.1 and 2.2.
- 1.5. Minimal quantities of detergents and sanitisers shall be used, all of which shall be biodegradable.
- 1.6. 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.

**2. Effluent Volume and Characteristics**

- 2.1. Treated effluent shall be uniformly discharged over a 24 hour period, 7 days a week. The total volume to be discharged to the receiving water shall not exceed 25 m<sup>3</sup>/day subject to a maximum flow rate of 3 m<sup>3</sup>/hour.
- 2.2. Effluent as discharged to the receiving water shall comply with the quality standards set out in respect of the determinands table 1 below.

**Table 1**

<b>DETERMINAND</b>	<b>EMMISSION LIMIT VALUE</b>
pH	6 to 9
Temperature	< 25 °C
BOD <sub>5</sub>	< 20 mg/l O <sub>2</sub>
COD	< 40 mg/l O <sub>2</sub>
Suspended Solids	< 30 mg/l
Total Ammoniacal Nitrogen	< 5 mg/l N
Nitrate	< 20 mg/l N
Phosphate	< 10 mg/l P
Fats/oils/grease	< 20 mg/l

- 2.3. Fats, oils and grease shall not be present in quantities in the effluent discharge to the receiving water such as to:-
  - (i) form visible films on the surface of the receiving water,
  - (ii) form coatings on beds of water courses, benthic biota or food sources,
  - (iii) cause deleterious effects on aquatic life,
  - (iv) impart a detectable taste or odour to edible aquatic species.

### 3. Effluent Treatment

3.1 The site drainage and effluent treatment plant shall be designed and installed, as outlined in revised submission received 26/6/98.

#### 3.2 *Sewage Treatment Plant*

The inflow to the sewage treatment plant shall be controlled to ensure that compliance with condition 2.1 is achieved.

The Enviropak Sewage Treatment Plant Model No. LRD 150 to cater for a population equivalent of 150 shall be installed.

A standby air blower with automatic changeover for the aeration in the treatment plant shall be provided.

### 4. Treatment Plant Maintenance

4.1 The names, addresses and telephone numbers of the General Manager and the trained person responsible for the daily operation and maintenance of the effluent treatment systems shall be submitted to the Licensing Authority within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained staff as may be necessary during the absence of the nominated person.

4.2 The Licensee shall enter into a service and maintenance contract with a competent specialist, independent consultant for the long-term maintenance of the effluent treatment system and sewer outfall pipe. A copy of the contract document shall be submitted to and agreed with the Licensing Authority within two months of the date of the commissioning of the sewage treatment system.

4.3 The aforementioned contract shall include at least two visits each year. A copy of each service and maintenance report shall be submitted to the Licensing Authority within one month of the date of the report becoming available.

4.4 The Licensee shall ensure that he receives detailed instruction on the daily operation and maintenance of the sewage effluent treatment system and shall be issued with a instruction manual from manufacturer outlining the operation of it. A copy the instruction manual shall be submitted to the Licensing Authority within two months of the date of the commissioning of the treatment plant.

### 5. Provision of Monitoring Stations

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

*Effluent* : A sampling chamber shall be provided for sampling the treated sewage effluent at a point between the sewage treatment plant and the outfall to the receiving water.



*Receiving Water* : Safe, permanent and immediate access to the river shall be provided at points 25m upstream and 25-100m downstream of the point of effluent discharge to the river.

The exact location of the sampling points shall be clearly marked on a map and agreed with the Licensing Authority within two months of the date of the grant of this licence.

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, calibrate and maintain flow meter and recorder on the effluent discharge pipeline to the river.
- 6.2 The Licensee shall arrange to have representative samples of the effluent taken from the sampling chamber and tested at least monthly, in respect of the determinands listed in table 2 below :-

**Table 2**

<b>DETERMINAND</b>	<b>Unit of Expression</b>
pH	pH Unit
Temperature	<sup>o</sup> C
BOD <sub>5</sub>	mg/l O <sub>2</sub>
COD	mg/l O <sub>2</sub>
Suspended Solids	mg/l
Total Ammoniacal Nitrogen	mg/l N
Nitrate	mg/l N
Phosphate	mg/l P
Fats/oils/grease	mg/l

**7. Solid Waste Storage and Disposal**

- 7.1 All sludges arising from the treatment plant shall be disposed offsite. The Licensee shall within two months of the date of issue of this licence inform and agree with the local authority the manner in which he proposes to dispose of the sludge.

**8. Monitoring Records**

- 8.1 Records of all flow and analytical data referred to in condition 6 (the monitoring regime) shall be maintained and submitted to the Licensing Authority within two weeks of the period to which they relate.

8.2 The Licensee shall maintain records of all solid waste disposal activities; date of disposal, quantity and description of waste, waste disposal contractor and destination of the waste disposed.

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 and 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 effluent treatment facilities 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.

9.2 Details of contact personnel (referred to in condition 4.1), including addresses 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.

10. **Monitoring Contribution to the Licensing Authority**

10.1 The Licensee shall pay to the Licensing Authority (Wicklow County Council) an annual contribution of £300 towards the cost of monitoring the effluent discharge. The first such payment shall be made within two months of the date of grant of this Licence.

10.2 The above contribution shall be fixed for an initial three year period or until such time as the Licence is reviewed, whichever is the sooner.

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 of the company name or of the personnel referred to in conditions 4.1 and 8.2 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 would cause, or be likely to cause a material alteration in the nature, or increase in the volume of the 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 river as soon as practicable after the occurrence, in accordance with Section 14 of the Local Government (Water Pollution) Act.
- 11.4 The Licensee shall satisfy Wicklow County Council that by the production of a certificate from a solicitor that the Licensee, his heirs, executors and assigns have a legal right to enter on adjacent lands between the site and the Avonbeg River for the purpose of laying and subsequently maintaining at all times the outfall sewer which it is proposed to lay under these lands.

12. Sewage Treatment Plant Installation and Commissioning

- 12.1 The sewage treatment plant shall be completely installed and commissioned within 4 months of the date of issue of this Licence.

Signed

  
COUNTY SECRETARY

Date: 31<sup>st</sup> August, 1998.

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) state the reference number of the Licence (e) state in full the grounds of they are based. An appeal which does not comply with these requirements shall be invalid.

Appeals should be addressed to The Secretary, An Bord Pleanála, Floor, 3 Blocks 6 & 7 Irish Life Centre, Lower Abbey Street, Dublin 1, and should be accompanied with a fee of £100.00.

WPL/50  
MP/FS