

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 82
2. *Name and address of the applicant:* An Óige, 61 Mountjoy Street, Dublin 7. C/O Kieran Broderick, Ian Magahy Associates, 4 South Great George's Street, Dublin 2.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Knockree Hostel, Lacken House, Knockree, Co. Wicklow
4. *Description of Waters to which Discharge is made:* groundwater at Knockree, Co. Wicklow
5. *Location of point(s) of discharge:*
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 28th March 2007
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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

- 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the sewerage treatment system.
- 1.4 The Licensee's sewage treatment plant shall be operated and maintained in such manner as to ensure that the discharge of treated sewage effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.
- 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.
- 1.6 The sewage treatment area shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of the sewage treatment area. Adequate precautions shall be made to prevent unauthorised access to the sewage treatment plant area and to prevent any damage to the sewage treatment plant or sand-polishing filter.
- 1.7 Grease removal trap shall be installed on the waste pipe(s) from the kitchen area prior to the collection of foul sewage. The grease trap shall be checked regularly, emptied, cleaned and maintained as required to ensure its proper operation.
- 1.8 Where there is a complete/partial change in the ownership of the premises to which this licence relates, the responsibility to comply with the conditions attached to the licence shall transfer pro-rata to the new owner(s).

2. Effluent Volume and Characteristics

- 2.1 The treated effluent from the sewage treatment plant shall be uniformly discharged over a 24-hour period, 7 days a week. The total volume of the treated effluent discharged from the sewage treatment plant shall not exceed $12 \text{ m}^3/\text{day}$ subject to a maximum flow rate of $3 \text{ m}^3/\text{hour}$.
- 2.2 The treated effluent discharged from the sewage treatment plant and before entry to the sand-polishing filter shall comply with the quality standards set out in respect of the parameters in table 1 below.

Table 1

PARAMETER	PARAMETRIC LIMIT VALUE
pH	6 to 9
Temperature	$\leq 25^{\circ}\text{C}$ or ambient
BOD ₅	≤ 25 mg/l O ₂
COD	≤ 125 mg/l O ₂
Suspended Solids	≤ 35 mg/l
Total Ammoniacal Nitrogen	≤ 25 mg/l N
Nitrate	≤ 15 mg/l N
Phosphate	≤ 10 mg/l P
Fats/oils/grease	≤ 20 mg/l
Detergents (MBAS)	≤ 1 mg/l

3. Effluent Treatment

- 3.1 The site drainage, sewage treatment plant and sand polishing filter shall be laid out in accordance with drawings and descriptions submitted unless otherwise agreed with the Licensing Authority.
- 3.2 The Licensee shall arrange for a competent engineering firm, with professional indemnity insurance, to certify that the new foul sewers, sewage treatment plant and sand polishing filter have been properly installed and commissioned in accordance with appropriate standards within two months of the date of completion of the installation works.
- 3.3 The sewage treatment plant shall be capable of producing an effluent standard in compliance with condition 2.2.

4. Treatment Plant Maintenance

- 4.1 The Licensee shall inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine operation and maintenance of the sewage treatment plant and sand polishing filter, within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person
- 4.2 The Licensee shall employ the services of a competent engineering/environmental consultant, for the maintenance of the sewage treatment plant and sand-polishing filter, on a contractual basis. The contract shall provide for an emergency call-out service in the event of breakdown of the treatment plant or malfunction of the sand-polishing filter. A copy of the contract document, signed by both parties, shall be submitted and agreed with the Licensing Authority within two months of the date of issue of the Licence. Copies of the contract documents, signed by both parties for each subsequent maintenance period, shall be submitted and agreed with the Licensing Authority within two months of expiry date of the preceding contract period.

- 4.3 The aforementioned contracts shall include at least two visits by the consultant each year. A copy of each 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 the nominated and trained persons receive detailed instruction and training about the routine operation and maintenance of the sewage treatment plant and sand-polishing filter from the manufacturer/supplier of the plant. The Licensee shall also ensure that the nominated and substitute trained persons receive instruction manuals detailing the operation and maintenance of the sewage treatment plant and sand polishing filter.

5. Provision of Monitoring Stations

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

Effluent: A suitable chamber shall be provided for sampling the treated sewage effluent before discharge to the sand-polishing filter. The sampling chamber shall facilitate flow monitoring, grab sampling and composite sampling of the effluent.

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

6. Monitoring Regime

- 6.1 The Licensee shall either: -
- (a) Install, calibrate and maintain a suitable flow-measuring flume and a staff gauge on the effluent discharge from the sewage treatment plant before the sand-polishing filter, and record the flow rate and daily discharge volume on a weekly basis.

Or alternatively

- (b) Install, calibrate and maintain a suitable water meter on the drinking water supply to the premises, and record the water meter readings on a weekly basis.

A certificate of calibration for the flow-measuring flume and a staff gauge in the case of option 6.1(a), or a certificate of calibration for the

water meter in the case of option 6.1(b) shall be forwarded to the Licensing Authority within six months of the date of issue of this Licence. Further such certificates shall be submitted on request.

In the event, that option 6.1(b) fails to operate satisfactorily in the opinion of the Licensing Authority, then the said Authority shall reserve the right to insist on the implementation of condition 6.1(a) above.

- 6.2 The Licensee shall arrange to have representative samples of the effluent taken from the sampling chamber and tested at least once every four months, in respect of the parameters listed in table 2 below: -

Table 2

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

In addition the Licensee shall arrange to have representative samples of the effluent tested at least once every twelve months in respect of the parameters listed in table 3 below: -

Table 3

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

- 6.3 Additional monitoring of influent and process wastewater shall be carried out as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (Page 30 section 5.4.7), where the treatment plant does not perform satisfactorily. The Licensing Authority may give its written consent to a reduced frequency of monitoring of the effluent where a pattern of full compliance with the licence conditions has become established.
- 6.4 The Licensee shall engage the services of a competent independent laboratory, to carry out analysis of the effluent in accordance with conditions 6.2, and 6.3, on a contractual basis. A copy of the contract document, signed by both parties, shall be submitted and agreed with

the Licensing Authority within two months of the date of issue of this Licence. Copies of the contract documents, for each subsequent period, shall be submitted and agreed with the Licensing Authority, within two months of the expiry date for the preceding contract period.

7. Solid Waste Storage and Disposal

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

8. Monitoring Records

- 8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be kept on file at the premises. Electronic copies of these records shall be submitted to the Licensing Authority within two weeks of the period to which they relate. A template for the purpose of the electronic submission is available from the Licensing Authority. Paper copies of these records shall also be submitted to the Licensing Authority upon two weeks of a request.
- 8.2 The Licensee shall maintain legible traceable records of all solid waste disposal activities; date of disposal, quantity and description of waste, waste disposal contractor and destination of the waste disposed, kept on file at the premises.
- 8.3 The records referred to in conditions 8.1 and 8.2, shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

- 9.1 Authorised officers of the Licensing Authority or its agents and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977 shall have access to the Licensee's sewage treatment facilities 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.
- 9.2 Details of contact personnel (referred to in condition 4.1), including addresses, email and telephone numbers shall be made available to the Licensing Authority, for contact in the event of an emergency, within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

10. Monitoring Contribution to the Licensing Authority

- 10.1 The Licensee shall pay on demand an annual contribution of € 500 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the corresponding portion of the annual fee for the period from the date of issue of the Licence to the end of the calendar year. The subsequent annual monitoring fees shall apply to the normal full calendar year. The subsequent annual contributions shall be reckoned on the initial sum of € 682 when adjusted in accordance with the consumer price index for the intervening period.

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

SIGNED:



DIRECTOR OF SERVICES
WATER & ENVIRONMENT SERVICES SECTION

DATED:

28 / 3 / 2007

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
- (d) state the reference reference number of the Licence
- (e) state in full the grounds 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 Pleanála, 64 Marlborough Street, Dublin 1 and should be accompanied with a fee of €126.

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 82A
2. *Name and address of the applicant:* Moneystown National School Board of Management, Moneystown, Bray, Co. Wicklow.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Moneystown National School, Moneystown, Bray, Co. Wicklow
4. *Description of Waters to which Discharge is made:* nearby stream
5. *Location of point(s) of discharge:*
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 31st August 2006
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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

Copy to
WPL 82
WPL 82A

WICKLOW COUNTY COUNCIL
DIRECTOR OF ENVIRONMENT & SANITARY SERVICES
ORDER NO. 535/06

LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 – 1990

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Applicant: Moneystown National School Board of Management,
Moneystown,
Bray,
Co. Wicklow.

Application received on the 22th of May 2003.

Report dated the 24th August 2006 from Thomas Griffin , Executive Chemist endorsed by David Harrington, Senior Chemist on the 31st of August 2006 recommends that a Section 4 Discharge Licence issues to Moneystown National School, Moneystown Bray Co Wicklow.

ORDER:

By virtue of the powers conferred on me by the County Management Acts, 1940 – 1994, I hereby order that a Licence issues to discharge sewerage effluent from treatment plant belonging to Moneystown National School, Bray Co Wicklow to a near by stream .

LICENCE CONDITIONS

1. **General Layout and Operation**
 - 1.1 This Licence shall be in respect of the discharge of treated sewage effluent from the sewage treatment plant and raised percolation area in the ownership of the Moneystown National School Board of Management at Moneystown, Bray, Co. Wicklow, to the nearby stream via a single authorised discharge point.
 - 1.2. The foul sewerage serving the Moneystown National School shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than the discharge of the sewage effluent to the nearby stream after appropriate treatment in accordance with this licence.
 - 1.3 Uncontaminated roof and surface water shall be separately collected and discharged to watercourses or soak-aways on site. Under no circumstances shall rainwater be discharged to the sewage treatment plant.
 - 1.4 The sewage treatment plant shall be operated and maintained in such manner as to ensure that the discharge of the sewage effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2, and qualitative standards set out in condition 2.3.
 - 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund.
 - 1.6 The sewage treatment area shall be maintained in a tidy and safe condition. No offensive odour or nuisance shall be allowed to persist in the vicinity of the treatment area.

- 1.7 A water supply shall be provided within the treatment area to facilitate personal hygiene and the cleaning of the sewage treatment plant.

2. Effluent Volume and Quality

- 2.1 The effluent from the sewage treatment plant shall normally be discharged uniformly over the school day, 5 days a week. The total volume of the treated effluent discharged to the raised percolation area shall not exceed 5 m³/day subject to a maximum flow rate of 1 m³/hour.
- 2.2 The effluent discharged from the sewage treatment plant to the raised percolation area shall comply with the quality standards set out in respect of the parameters in table 1 below.

Table 1

PARAMETER	PARAMETRIC LIMIT VALUE
pH	6 to 9
Temperature	≤ 25 °C or ambient
BOD ₅	≤ 25 mg/l O ₂
COD	≤ 125 mg/l O ₂
Suspended Solids	≤ 35 mg/l
Total Ammoniacal Nitrogen	≤ 20 mg/l N
Nitrate	≤ 15 mg/l N
Phosphate	≤ 8 mg/l P
Fats/oils/grease	≤ 20 mg/l
Detergents (MBAS)	≤ 1 mg/l

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

- (i) Form visible films on the surface of the river,
- (ii) Form coatings on bed of the river, 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, sewage treatment plant, raised percolation area, out-fall, and ancillary equipment shall be designed and installed as per drawings, calculations and descriptions submitted in the application process or as modified upon future approval so as to attain the parametric limit values set out in condition 2.2 of this licence.
- 3.2 The imported soil used to construct the percolation area shall be placed in layers not exceeding 300mm thick and lightly compacted. After each lift is placed, percolation tests shall be carried out in accordance with the direction in section 3.2.2 of the EPA Wastewater Treatment Manuals-Treatment System for Single Houses and the percolation test results submitted for approval to verify the attainment of acceptable percolation rates.

4. Treatment Plant Maintenance

- 4.1 The Licensee shall inform the Licensing Authority of the name, address, email address, and telephone number of the nominated person(s) who shall be trained and have responsibility for the daily operation and maintenance of the sewage treatment plant within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person
- 4.2 The Licensee shall engage the services of a competent independent engineering/environmental consultant for the maintenance of the sewage treatment plant on a contractual basis. The contract shall provide for an emergency call-out service in the event of treatment plant breakdown. A copy of the contract document signed by both parties shall be submitted and agreed with the Licensing Authority within two months of the date of issue of the Licence. Copies of the contract documents signed by both parties for each subsequent maintenance period shall be submitted and agreed with the Licensing Authority within two months of expiry date of the current contract period.
- 4.3 The aforementioned contract shall provide for at least one visit by the consultant 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 the nominated and trained persons receive detailed instruction and training about the routine operation and maintenance of the sewage treatment plant from the manufacturer/supplier of the plant. The Licensee shall also ensure that the nominated and substitute trained persons receive instruction manuals detailing the operation and maintenance of the sewage treatment plant.

5. Provision of Monitoring Stations

- 5.1 The Licensee shall provide safe, permanent, unhindered and immediate access to the sampling point locations and the point of effluent discharge to the nearby stream.

Sewage Effluent: A sampling chamber shall be provided for taking of grab and composite samples of the effluent before discharge to the raised percolation area. The Licensee shall facilitate the Licensing Authority in order that the flow-rate and total daily volume of effluent being discharged from the sewage treatment plant may be measured.

Receiving Water: Safe, unhindered and immediate access to the nearby stream shall be provided to the satisfaction of the Licensing Authority within two months of the date of issue 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 arrange to have a representative sample of the effluent taken from the sampling chamber and tested at least once a year in respect of the parameters listed in table 2 below: -

Table 2

PARAMETER	Unit of Expression
pH	pH Unit
Temperature	°C

BOD ₅	mg/l O ₂
Total Ammoniacal Nitrogen	mg/l N
Suspended Solids	mg/l

- 6.2 In addition, the Licensee shall arrange to have representative samples of the effluent taken from the sampling chamber and tested in respect of the parameters listed in table 3: below upon request from the Licensing Authority: -

Table 3

PARAMETER	Unit of Expression
Orthophosphate	mg/l P
COD	mg/l O ₂
Fats/oils/grease	mg/l
Nitrate	mg/l N
Detergents (MBAS)	mg/l

- 6.3 The Licensee shall also arrange to have representative samples of the effluent taken from the sampling chamber and tested in respect of the parameters listed in table 2 and 3 within two months of satisfactory commissioning of the sewage treatment plant. If, at any time, in the opinion of the Licensing Authority, the sewage treatment plant does not perform satisfactorily, then additional monitoring of influent, process wastewater, and effluent shall be carried out to identify and remedy any such problem as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (Page 30 section 5.4.7).
- 6.4 The Licensee shall engage the services of a competent independent laboratory to carry out the effluent analysis as per conditions 6.1, 6.2, and 6.3 on a contractual basis. A copy of the contract document signed by both parties shall be submitted and agreed with the Licensing Authority within two months of the date of issue of this Licence. Copies of the contract documents for each subsequent period shall be submitted and agreed with the Licensing Authority within two months of the expiry date for the current contract period.

7. Solid Waste Storage and Disposal

- 7.1 All solid waste shall be transported, recycled/disposed of in accordance with the Waste Management Act, 1996 and Regulations made thereunder. The Licensee shall inform and agree the manner in which it they propose to dispose of sewage sludge and other waste with the Local Authority within two months of the date of issue of this Licence.

8. Monitoring Records

- 8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be maintained and submitted to the Licensing Authority within two weeks of the month or period to which they relate. The records shall also be provided in a particular electronic format if so required by the Licensing Authority.
- 8.2 The Licensee shall maintain legible traceable 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 available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977 or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

- 9.1 Authorised officers of the Licensing Authority or its agents and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977 shall have access to the Licensee's sewage treatment plant and monitoring facilities 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.
- 9.2 Details of contact personnel (referred to in condition 4.1), including addresses, email and telephone numbers shall be made available to the Licensing Authority for contact in the event of an emergency within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

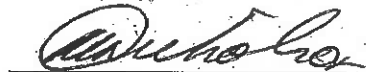
10. Monitoring Contribution to the Licensing Authority

- 10.1 The Licensee shall pay on demand an annual contribution of € 160 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the corresponding portion of the annual fee for the period from the date of issue of the Licence to the end of the calendar year. The subsequent annual monitoring fees shall apply to the normal full calendar year.

11. Notification to the Licensing Authority

- 11.1 The Licensee shall notify the Licensing Authority in writing of any changes of ownership of the premises or of the company name or of the personnel referred to in conditions 4.1 and 9.2 of this Licence.
- 11.2 The Licensee shall notify the Licensing Authority in writing and in advance of any proposed change in the operation of the premises, which could cause a material alteration in the nature, or an increase in the volume 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 surface water drains, the groundwater or to the nearby stream, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

Signed:



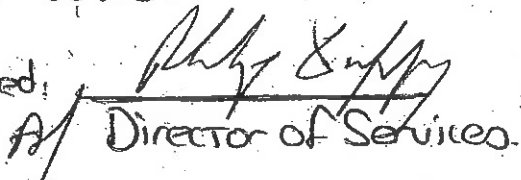
Michael Nicholson
Director of Services
Environment & Water Section

Dated this 31st day of August 2006

WPL 82.

In July 2007 it was discovered that WPL 82 was previously used, all future reference for Monycstown National School to be referred to as WPL 82A.

Signed:



Director of Services.

Date:

25/7/07

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 83
2. *Name and address of the applicant:* Peter J. Weadick, Coolboy, Beech Road, Arklow, Co. Wicklow.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:*
Coolboy, Beech Road, Arklow.
4. *Description of Waters to which Discharge is made:* Templeraíney Stream
5. *Location of point(s) of discharge:*
6. *Description of effluent:* Sewage effluent
7. *Date of grant of licence:* 11th March, 2008.
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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

LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 – 1990

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 83

Local Authority: - Wicklow County Council

To: Peter J. Weadick,
Coolboy,
Beech Road,
Arklow,
Co. Wicklow

c/o Gerard Higgins & Associates,
Consulting Engineers,
Twomilewater,
Wicklow,
Co. Wicklow.

The Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977-1990 hereby grants a licence to discharge sewage effluent from the dwelling house of Mr. Peter J. Weadick, located at Coolboy, Beech Road, Arklow, Co. Wicklow to a tributary of the Templerainey Stream after appropriate treatment in a Klargest BA Biodisc Unit and two GL026K Horizontal Reed-bed Tertiary Treatment Systems subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

- 1.1 This Licence shall be in respect of the discharge of sewage effluent from the dwelling house of Mr. Peter J. Weadick, located at Coolboy, Beech Road, Arklow, Co. Wicklow to the tributary of Templerainey Stream via a single authorised outfall pipe after appropriate treatment in a Klargest BA Biodisc Unit and two GL026K Horizontal Reed-bed Tertiary Treatment Systems.
- 1.2. The drainage on the property shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated sewage effluent to the tributary of Templerainey Stream in accordance with this licence.

- 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the property. Under no circumstances shall rainwater be discharged to the effluent treatment system.
- 1.4 The Licensee's effluent treatment plant and reed-bed system shall be operated and maintained in such manner as to ensure that the discharge of treated sewage effluent shall be accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.
- 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.
- 1.6 The effluent treatment plant and reed-bed system shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of the effluent treatment plant and reed-bed system. Adequate precautions shall be made to prevent unauthorised access to the effluent treatment plant and reed-bed area.
- 1.7 In the event of grease impairing the proper operation of the effluent treatment plant, a grease removal trap shall be installed and maintained on the waste pipe(s) from the kitchen area prior to the collection of foul sewage.

2. Effluent Volume and Characteristics

- 2.1 The treated effluent from the effluent treatment plant and reed-bed system shall be uniformly discharged over a 24-hour period, 7 days a week. The total volume of the treated effluent discharged from the effluent treatment plant and reed-bed system shall not exceed 1.1 m³/day subject to a maximum flow rate of 0.3m³/hour.
- 2.2 The treated effluent discharged from the effluent treatment plant and reed-bed system to the tributary of the Templerainey Stream shall comply with the quality standards set out in respect of the parameters in table 1 below.

Table 1

PARAMETER VALUE	PARAMETRIC LIMIT
pH	6 to 9
Temperature	<= 25 °C or ambient
BOD ₅	<= 15 mg/l O ₂
COD	<= 125mg/l O ₂
Suspended Solids	<= 25 mg/l
Total Ammoniacal Nitrogen	<= 10 mg/l N
Nitrate	<= 25 mg/l N
Phosphate	<= 6 mg/l P
Fats/oils/grease	<= 20 mg/l
Detergents (MBAS)	<= 1 mg/l

3. Treatment of Effluent

- 3.1 The site drainage, effluent treatment plant, reed-bed system and single authorised outfall pipe shall be laid out in accordance with the drawings and description submitted.
- 3.2 The licensee shall arrange for a competent engineering firm with professional indemnity insurance to certify that the foul sewer, effluent treatment plant, reed-bed system and outfall pipe have been properly installed in accordance with the appropriate standards.
- 3.3 The effluent treatment plant and reed-bed system together shall be capable of producing an effluent standard in compliance with condition 2.2.

4. Treatment Plant Maintenance

- 4.1 The Licensee shall operate and maintain the effluent treatment plant and reed-bed system in accordance with the owner's handbook and manufacturer's recommendations. A log of the operation and maintenance of the effluent treatment plant shall be kept on file for inspection.
- 4.2 The Licensee shall enter into maintenance contract with the manufacturer or agent to ensure that effluent treatment plant and reed-bed system are properly serviced in accordance with manufacturers instructions. The contract shall be annually renewed and submitted for approval. The service reports shall be kept for file for inspection.

5. Provision of Monitoring Stations

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

Effluent: A suitable chamber shall be provided for sampling the treated effluent discharged to the tributary of the Templerainey River.

Receiving Water: Suitable access shall be provided to the tributary of the Templerainey Stream to obtain samples upstream and downstream of the effluent discharge point.

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 arrange to have a representative sample of the effluent taken from the sampling chamber and tested at least once each year in respect of the parameters listed in table 2 below: -

Table 2

PARAMETER	Unit of Expression
pH	pH Unit
Temperature	⁰ C
BOD ₅	mg/l O ₂
COD	mg/l O ₂
Suspended Solids	mg/l
Total Ammoniacal Nitrogen	mg/l N
Nitrate	mg/l N
Orthophosphate	mg/l P
Fats/oils/grease	mg/l
Detergents (MBAS)	mg/l

- 6.2 In the event of a non-compliant effluent sample taken as per condition 6.1 above, additional samples of the effluent shall be taken and tested on a monthly basis until such time the non-compliance has been controlled.
- 6.3 The Licensee shall enter into a service contract with an accredited laboratory to ensure that the effluent samples are tested in accordance with conditions 6.1 and 6.2. The contract shall be annually renewed and submitted for approval.

7. Sludge and Waste Material Disposal

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

8. Monitoring Records

- 8.1 Legible traceable records of all analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be submitted to the Licensing Authority within two weeks of the period to which they relate.
- 8.2 The Licensee shall maintain legible traceable records of sludge removal from the effluent treatment plant and maintenance of the effluent treatment plant and reed-bed system as per conditions 4.1 and 4.2.
- 8.3 The records referred to in conditions 8.1 and 8.2, shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

- 9.1 Authorised officers of the Licensing Authority or its agents and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977 shall have access to the Licensee's effluent treatment plant and reed-bed system at all reasonable times including if necessary, times other than normal working hours, and shall also have access to the property in general, at all times in the event of an emergency.
- 9.2 Details of contact personnel including addresses, email and telephone numbers shall be made available to the Licensing Authority, for contact in the event of an emergency, within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

10. Monitoring Contribution to the Licensing Authority

- 10.1 The Licensee shall pay on demand an annual contribution of € 233 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the corresponding portion of the annual fee for the period from the date of issue of the Licence to the end of the calendar year. The subsequent annual monitoring contributions shall apply to the normal full calendar year. The subsequent annual contributions shall be reckoned on the initial sum of € 233 when adjusted in accordance with the consumer price index for the intervening period.

11. Notification to the Licensing Authority

- 11.1 The Licensee shall notify the Licensing Authority in writing of any changes in ownership of the property.
- 11.2 The Licensee shall notify the Licensing Authority in advance of any proposed development or change at the property, which could cause a material alteration in the nature, or an increase in the volume or concentration 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 surface water drains, or the groundwater or watercourses, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

SIGNED:



**DIRECTOR OF SERVICES
WATER & ENVIRONMENTAL SERVICES SECTION**

DATED:

11/3/2008

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
- (d) state the reference reference number of the Licence
- (e) state in full the grounds 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 Pleanála, 64 Marlborough Street, Dublin 1 and should be accompanied with a fee of €126.

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 84
2. *Name and address of the applicant:* Scripture Union, Ovoca Manor, Avoca.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:*
Ovoca Manor, Avoca.
4. *Description of Waters to which Discharge is made:* Avoca River
5. *Location of point(s) of discharge:*
6. *Description of effluent:* Sewage effluent
7. *Date of grant of licence:* 1st May, 2008.
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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

LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 – 1990

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 84

Local Authority: - Wicklow County Council

To: Scripture Union,
Ovoca Manor,
Avoca,
Co. Wicklow.

c/o Sara Devitt,
SK Design,
3 Market Square House,
Aughrim,
Co. Wicklow.

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977-1990 hereby grants a licence to discharge sewage effluent from the Scripture Union, located at Ovoca Manor, Avoca, Co. Wicklow to Avoca River via a single authorised outfall pipe after appropriate treatment in septic tanks and Klargester P150 sewage treatment plant subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

- 1.1 This Licence shall be in respect of the discharge of sewage effluent from the premises of Scripture Union, located at Ovoca Manor, Avoca, Co. Wicklow via a single authorised outfall pipe after appropriate treatment in septic tanks and Klargester P150 sewage treatment plant.
- 1.2 The premises of the Scripture Union shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent to Avoca River in accordance with this licence.

- 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the septic tanks and sewage treatment plant.
- 1.4 The Licensee's septic tanks and sewage treatment plant shall be operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.
- 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.
- 1.6 The septic tank and sewage treatment plant areas shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of these areas. Adequate precautions shall be made to prevent unauthorised access to the sewage treatment plant area and to prevent any damage to the sewage treatment plant.
- 1.7 A grease removal trap shall be installed on the waste pipe(s) from the kitchen area prior to the collection of foul sewage. The grease trap shall be checked regularly, emptied, cleaned and maintained as required to ensure its proper operation.
- 1.8 Where there is a complete/partial change in the ownership of the premises to which this licence relates, the responsibility to comply with the conditions attached to the licence shall transfer pro-rata to the new owner(s).

2. Effluent Volume and Characteristics

- 2.1 The treated effluent from the sewage treatment plant shall be uniformly discharged over a 24-hour period, 7 days a week. The total volume of the treated effluent discharged from the sewage treatment plant shall not exceed $25.6 \text{ m}^3/\text{day}$ subject to a maximum flow rate of $3.2 \text{ m}^3/\text{hour}$.
- 2.2 The treated effluent discharged from the sewage treatment plant via the single authorised outfall pipe to the Avoca River shall comply with the quality standards set out in respect of the parameters in table 1 overleaf.

Table 1

PARAMETER	PARAMETRIC LIMIT VALUE
pH	6 to 9
Temperature	</= 25 °C or ambient
BOD ₅	</= 25 mg/l O ₂
COD	</= 125 mg/l O ₂
Suspended Solids	</= 35 mg/l
Total Ammoniacal Nitrogen	</= 10 mg/l N
Nitrate	</= 15 mg/l N
Phosphate	</= 10 mg/l P
Fats/oils/grease	</= 20 mg/l
Detergents (MBAS)	</= 1 mg/l

3. Sewage Treatment

- 3.1 The site drainage, septic tanks and sewage treatment plant shall be laid out in accordance with drawings and design submitted as part of the application for this licence, save as condition 3.4 states otherwise.
- 3.2 The Licensee shall arrange for a competent engineering firm, with professional indemnity insurance, to certify that the foul sewers, septic tank and sewage treatment plant have been installed in accordance with drawings and design submitted, save as condition 3.4 states otherwise, within two months of the date of completion of the installation works.
- 3.3 The Licensee shall submit proposals for the installation of a new effluent discharge pipe, manholes and spillway between the sewage treatment plant and the Avoca River, designed according to appropriate engineering standards to prevent degradation, uncontrolled movement and leakage. Appropriate scaled and detailed drawings (in plan, section and longitudinal) and calculations showing appropriate inverts, levels, gradients, materials of construction and specifications shall be submitted for approval. A competent professional with indemnity insurance shall supervise and certify the installation of the new effluent discharge pipe, manhole(s) and spillway in accordance with the appropriate standards. The certificate together with supporting documentation including photographic evidence and longitudinal drawing showing appropriate inverts, levels, gradients, material and specifications shall be submitted for approval.

4. Treatment Plant Maintenance

- 4.1 The Licensee shall inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the grease trap, septic tanks and sewage treatment plant within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the

inspection and operation of the grease trap, septic tanks and sewage treatment plant shall be kept on file for inspection.

- 4.2 The Licensee shall employ the services of a competent engineering/environmental consultant, for the maintenance of the sewage treatment plant, on a contractual basis. The contract shall provide for an emergency call-out service in the event of breakdown of the treatment plant. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.
- 4.3 The aforementioned contract shall include at least two visits by the consultant each year. A copy of each 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 the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of the grease trap, septic tanks and sewage treatment plant from the manufacturer/supplier of the plant or from the competent engineering or environmental consultant. The Licensee shall also ensure that the nominated and substitute trained persons receive instruction manuals detailing the inspection and operation of the grease trap, septic tanks and sewage treatment plant.

5. Provision of Monitoring Stations

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

Effluent: A suitable chamber shall be provided for sampling the treated effluent before entry to the single authorised outfall pipe. The sampling chamber shall facilitate flow measurement, and grab and composite sampling of the effluent.

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

6. Monitoring Regime

- 6.1 The Licensee shall either: -
 - (a) Install, calibrate and maintain a suitable flow-measuring flume and a staff gauge on the effluent discharge line from the sewage treatment plant before the Avoca River, and record the hourly rate and daily discharge volume on a daily basis.

Or alternatively

- (b) Install, calibrate and maintain a suitable water meter on the drinking water supply to the premises, and record the water meter readings on a daily basis.

A certificate of calibration for the flow-measuring flume and a staff gauge in the case of option 6.1(a), or a certificate of calibration for the water meter in the case of option 6.1(b) shall be forwarded to the Licensing Authority within six months of the date of issue of this Licence. Further such certificates shall be submitted on request.

In the event, that option 6.1(b) fails to operate satisfactorily in the opinion of the Licensing Authority, then the said Authority shall reserve the right to insist on the implementation of condition 6.1(a) above.

- 6.2 The Licensee shall arrange to have representative samples of the treated effluent taken from the sampling chamber and tested at least four times between April and September of each year, in respect of the parameters listed in table 2 below:

Table 2

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

In addition the Licensee shall arrange to have a representative sample of the treated effluent tested at least once each year in respect of the parameters listed in table 3 below: -

Table 3

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

- 6.3 In the event of a non-compliant effluent sample, additional samples of the effluent shall be taken and tested on a monthly basis until such time the results of analyses show that non-compliance has been controlled. Monitoring of

influent and process wastewater shall also be carried out as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (Page 30 section 5.4.7), where the treatment plant does not perform satisfactorily. The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent where a pattern of full compliance with the licence conditions has become established.

- 6.4 The Licensee shall enter into a service contract with an accredited laboratory to ensure that the treated effluent samples are tested in accordance with conditions 6.1, 6.2 and 6.3. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.

7. Sludge and Other Waste Disposal

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

8. Monitoring Records

- 8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be kept on file at the premises. The Licensee shall arrange with their contract laboratory to send electronic copies of the analytical records to the Licensing Authority within two weeks of the period to which they relate. The Licensee shall send electronic copies of the flow records to the Licensing Authority within two weeks of the period to which they relate. A template for the purpose of the electronic submission will be available from the Licensing Authority. Paper copies of these records shall also be submitted to the Licensing Authority upon two weeks of a request.
- 8.2 The Licensee shall maintain legible traceable records of sludge removal and other waste material from the sewage treatment plant and logs of the inspection and operation of the grease trap, septic tanks and sewage treatment plant.

- 8.3 The records referred to in conditions 8.1 and 8.2, shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

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

10. Monitoring Contribution to the Licensing Authority

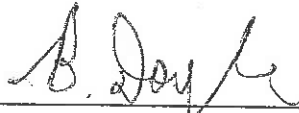
- 10.1 The Licensee shall pay on demand an annual contribution fee of € 715 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The subsequent annual contribution fees shall be reckoned on the initial sum of € 715 when adjusted in accordance with the consumer price index for the intervening period since the date of issue of the Licence.

11. Notification to the Licensing Authority

- 11.1 The Licensee shall notify the Licensing Authority in writing of any changes in ownership of the premises or company name or personnel referred to in conditions 4.1 and 9.2 of this Licence.
- 11.2 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises, which could cause a material alteration in the nature, or an increase in the volume or concentration of the treated effluent discharged.

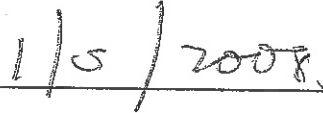
11.3 The Licensee shall notify the Licensing Authority of any accidental discharge, spillage or deposit of polluting matter, which enters or is likely to enter the surface water drains, or the groundwater or watercourses, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

SIGNED:



DIRECTOR OF SERVICES
WATER & ENVIRONMENTAL SERVICES SECTION

DATED:



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
- (d) state the reference reference number of the Licence
- (e) state in full the grounds 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, 64 Marlborough Street, Dublin 1 and should be accompanied with a fee of €126.

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 85
2. *Name and address of the applicant:* Rathmore Country House, Rathmore, Ashford.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:*
Rathmore, Ashford..
4. *Description of Waters to which Discharge is made:* Groundwater percolation area.
5. *Location of point(s) of discharge:*
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 1st May, 2008.
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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

LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 – 1990

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 85

Local Authority: - Wicklow County Council

To: Rathmore Country House,
Rathmore,
Ashford,
Co. Wicklow.

c/o Sara Devitt,
SK Design,
3 Market Square House,
Aughrim,
Co. Wicklow.

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977-1990 hereby grants a licence to discharge sewage effluent from the Rathmore Country House, located at Rathmore, Ashford, Co. Wicklow to groundwater via a percolation area after appropriate treatment in an EnviroPak Model No. LRD 75 sewage treatment plant subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

- 1.1 This Licence shall be in respect of the discharge of sewage effluent from the premises of Rathmore Country House, located at Rathmore, Ashford, Co. Wicklow, to groundwater via a percolation area after appropriate treatment in an EnviroPak Model No. LRD 75 sewage treatment plant.
- 1.2 The premises of the Rathmore Country House shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent to groundwater in accordance with this licence.

- 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the sewage treatment plant or percolation area.
- 1.4 The Licensee's sewage treatment plant shall be operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.
- 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.
- 1.6 The sewage treatment plant area shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of the effluent treatment area. Adequate precautions shall be made to prevent unauthorised access to the sewage treatment plant area and to prevent any damage to the sewage treatment plant and percolation area.
- 1.7 A grease removal trap shall be installed on the waste pipe(s) from the kitchen area prior to the collection of foul sewage. The grease trap shall be checked regularly, emptied, cleaned and maintained as required to ensure its proper operation.
- 1.8 The Licensee shall enter into an annually renewed contract with a laundry service provider for the laundry to be cleaned off-site.
- 1.9 Where there is a complete/partial change in the ownership of the premises to which this licence relates, the responsibility to comply with the conditions attached to the licence shall transfer pro-rata to the new owner(s).

2. Effluent Volume and Characteristics

- 2.1 The treated effluent from the sewage treatment plant shall be uniformly discharged over a 24-hour period, 7 days a week. The total volume of the treated effluent discharged from the sewage treatment plant shall not exceed 13.5 m³/day subject to a maximum flow rate of 2m³/hour.
- 2.2 The treated effluent discharged from the sewage treatment plant before entry to the percolation area shall comply with the quality standards set out in respect of the parameters in table 1 overleaf.

Table 1

PARAMETER	PARAMETRIC LIMIT VALUE
pH	6 to 9
Temperature	</= 25 °C or ambient
BOD ₅	</= 25 mg/l O ₂
COD	</= 125 mg/l O ₂
Suspended Solids	</= 35 mg/l
Total Ammoniacal Nitrogen	</= 25 mg/l N
Nitrate	</= 15 mg/l N
Phosphate	</= 10 mg/l P
Fats/oils/grease	</= 20 mg/l
Detergents (MBAS)	</= 1 mg/l

3. Sewage Treatment

- 3.1 The site drainage, sewage treatment plant and percolation area shall be laid out in accordance with drawings and design submitted as part of the application for this licence unless otherwise agreed in writing with the Licensing Authority.
- 3.2 The Licensee shall arrange for a competent engineering firm, with professional indemnity insurance, to certify that the foul sewers, sewage treatment plant and percolation area have been installed in accordance with drawings and design submitted within two months of the date of completion of the installation works.
- 3.3 The sewage treatment plant shall be capable of producing an effluent standard in compliance with condition 2.2.

4. Treatment Plant Maintenance

- 4.1 The Licensee shall inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the grease trap, sewage treatment plant and percolation area, within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the grease trap, sewage treatment plant and percolation area shall be kept on file for inspection.
- 4.2 The Licensee shall employ the services of a competent engineering/environmental consultant, for the maintenance of the sewage treatment plant and percolation area, on a contractual basis. The contract shall provide for an emergency call-out service in the event of breakdown of the treatment plant or malfunction of the percolation area. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.
- 4.3 The aforementioned contract shall include at least two visits by the consultant each year. A copy of each 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 the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of the grease trap, sewage treatment plant and percolation area from the manufacturer/supplier of the plant or from the competent engineering or environmental consultant. The Licensee shall also ensure that the nominated and substitute trained persons receive instruction manuals detailing the inspection and operation of the grease trap, sewage treatment plant and percolation area.

5. **Provision of Monitoring Stations**

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

Effluent: A suitable chamber shall be provided for sampling the treated effluent before entry to the percolation area. The sampling chamber shall facilitate flow measurement, and grab and composite sampling of the effluent.

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

6. **Monitoring Regime**

- 6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring flume and a staff gauge on the effluent discharge from the sewage treatment plant before the percolation area, and record the hourly rate and daily discharge volume on a daily basis.

Or alternatively

(b) Install, calibrate and maintain a suitable water meter on the drinking water supply to the premises, and record the water meter readings on a daily basis.

A certificate of calibration for the flow-measuring flume and a staff gauge in the case of option 6.1(a), or a certificate of calibration for the water meter in the case of option 6.1(b) shall be forwarded to the Licensing Authority within six months of the date of issue of this Licence. Further such certificates shall be submitted on request.

In the event, that option 6.1(b) fails to operate satisfactorily in the opinion of the Licensing Authority, then the said Authority shall reserve the right to insist on the implementation of condition 6.1(a) above.

- 6.2 The Licensee shall arrange to have representative samples of the treated effluent taken from the sampling chamber and tested at least four times between April and September of each year, in respect of the parameters listed in table 2 below:

Table 2

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

In addition the Licensee shall arrange to have a representative sample of the treated effluent tested at least once each year in respect of the parameters listed in table 3 below: -

Table 3

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

- 6.3 In the event of a non-compliant effluent sample, additional samples of the effluent shall be taken and tested on a monthly basis until such time the results of analyses show that non-compliance has been controlled. Monitoring of influent and process wastewater shall also be carried out as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (Page 30 section 5.4.7), where the treatment plant does not perform satisfactorily. The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent where a pattern of full compliance with the licence conditions has become established.
- 6.4 The Licensee shall enter into a service contract with an accredited laboratory to ensure that the treated effluent samples are tested in accordance with conditions 6.1, 6.2 and 6.3. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.

7. **Sludge and Other Waste Disposal**

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

8. **Monitoring Records**

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

9. **Access by Authorised Personnel**

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

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of € 568 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The subsequent annual contribution fees shall be reckoned on the initial sum of € 568 when adjusted in accordance with the consumer price index for the intervening period since the date of issue of the Licence.

11. Notification to the Licensing Authority

11.1 The Licensee shall notify the Licensing Authority in writing of any changes in ownership of the premises or company name or personnel referred to in conditions 4.1 and 9.2 of this Licence.

11.2 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises, which could cause a material alteration in the nature, or an increase in the volume or concentration of the treated effluent discharged.

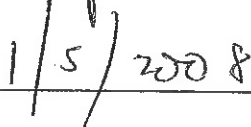
11.3 The Licensee shall notify the Licensing Authority of any accidental discharge, spillage or deposit of polluting matter, which enters or is likely to enter the surface water drains, or the groundwater or watercourses, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

SIGNED:



DIRECTOR OF SERVICES
WATER & ENVIRONMENTAL SERVICES SECTION

DATED:



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
- (d) state the reference reference number of the Licence
- (e) state in full the grounds 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, 64 Marlborough Street, Dublin 1 and should be accompanied with a fee of €126.

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 86
2. *Name and address of the applicant:* County Wicklow VEC.,
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:*
Gaelcholaiste Na Mara, Pearse Park, Arklow, Co. Wicklow.
4. *Description of Waters to which Discharge is made:*
5. *Location of point(s) of discharge:*
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 17th July, 2008
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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

LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 – 1990

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL86
Local Authority: - Wicklow County Council

To: County Wicklow Vocational Education Committee.
Gaelcholaiste na mara,
Pearse Park,
Arklow,
Co. Wicklow.

c/o James P Byrne ,
J. P. Byrne & Partners,
Brunel House,
North Quay,
Arklow,
Co. Wicklow.

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977-1990 hereby grants a licence to discharge sewage effluent from the Gaelcholaiste na mara, Pearse Park, Arklow, Co. Wicklow to Avoca River via a single authorised outfall pipe after appropriate treatment by a KEE Nudisc 975 rotating biological contractor Treatment Plant subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

- 1.1 This Licence shall be in respect of the discharge of sewage effluent from the premises of Gaelcholaiste na mara, located at Pearse Park, Arklow, Co. Wicklow via a single authorised outfall pipe after appropriate treatment by a KEE Nudisc 975 Rotating Biological Contractor Sewage Treatment Plant.
- 1.2 The premises of the Gaelcholaiste na mara shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent to Avoca River in accordance with this licence.

- 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the sewage treatment plant.
- 1.4 The Licensee's sewage treatment plant shall be operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.
- 1.5 The sewage treatment plant shall be desludged if the school is unoccupied during the summer period and recommissioned two weeks prior to commencement of the school term
- 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 system.
- 1.7 The sewage treatment plant area shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of these areas. Adequate precautions shall be made to prevent unauthorised access to the sewage treatment plant area and to prevent any damage to the sewage treatment plant.
- 1.8 A grease removal trap shall be installed on the waste pipe(s) from the kitchen area prior to the collection of foul sewage. The grease trap shall be checked regularly, emptied, cleaned and maintained as required to ensure its proper operation.

2. Effluent Volume and Characteristics

- 2.1 The treated effluent from the sewage treatment plant shall be uniformly discharged over a 24-hour period, 7 days a week. The total volume of the treated effluent discharged from the sewage treatment plant shall not exceed 6.4 m³/day subject to a maximum flow rate of 0.8m³/hour.
- 2.2 The treated effluent discharged from the sewage treatment plant via the single authorised outfall pipe to the Avoca River shall comply with the quality standards set out in respect of the parameters in table 1 overleaf.

Table 1

PARAMETER	PARAMETRIC LIMIT VALUE
pH	6 to 9
Temperature	</= 25 °C or ambient

BOD ₅	</= 10 mg/l O ₂
COD	</= 125 mg/l O ₂
Suspended Solids	</= 10 mg/l
Total Ammoniacal Nitrogen	</= 10 mg/l N
Nitrate	</= 15 mg/l N
Phosphate	</= 2 mg/l P
Fats/Oils/Grease	</= 20mg/l
Detergents	</= 1mg/l

3. Sewage Treatment

- 3.1 The sewage treatment plant shall be laid out in accordance with drawings and design submitted as part of the application for this licence.
- 3.2 The Licensee shall arrange for a competent engineering firm, with professional indemnity insurance, to certify that the foul sewers and sewage treatment plant have been installed in accordance with drawings and design submitted within two months of the date of completion of the installation works.

4. Treatment Plant Maintenance

- 4.1 The Licensee shall inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the grease trap and sewage treatment plant within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the grease trap and sewage treatment plant shall be kept on file for inspection.
- 4.2 The Licensee shall employ the services of a competent engineering/environmental consultant, for the maintenance of the sewage treatment plant, on a contractual basis. The contract shall provide for an emergency call-out service in the event of breakdown of the treatment plant. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.
- 4.3 The aforementioned contract shall include at least two visits by the consultant each year. A copy of each 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 the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of the grease trap and sewage treatment plant from the manufacturer/supplier of the plant or from the competent engineering or environmental consultant. The Licensee shall also ensure that the nominated and substitute trained persons receive instruction manuals detailing the inspection and operation of the grease trap and sewage treatment plant.

5. **Provision of Monitoring Stations**

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

Effluent: A suitable chamber shall be provided for sampling the treated effluent before entry to the single authorised outfall pipe. The sampling chamber shall facilitate flow measurement, and grab and composite sampling of the effluent.

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

6. **Monitoring Regime**

- 6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring flume and a staff gauge on the effluent discharge line from the sewage treatment plant before the Avoca River, and record the hourly rate and daily discharge volume on a daily basis.

Or alternatively

(b) Install, calibrate and maintain a suitable water meter on the drinking water supply to the premises, and record the water meter readings on a daily basis.

A certificate of calibration for the flow-measuring flume and a staff gauge in the case of option 6.1(a), or a certificate of calibration for the water meter in the case of option 6.1(b) shall be forwarded to the Licensing Authority within six months of the date of issue of this Licence. Further such certificates shall be submitted on request.

In the event, that option 6.1(b) fails to operate satisfactorily in the opinion of the Licensing Authority, then the said Authority shall reserve the right to insist on the implementation of condition 6.1(a) above.

- 6.2 The Licensee shall arrange to have representative samples of the treated effluent taken from the sampling chamber and tested at least two times per year, in respect of the parameters listed in table 2 below:

Table 2

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

In addition the Licensee shall arrange to have a representative sample of the treated effluent tested at least once each year in respect of the parameters listed in table 3 below: -

Table 3

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

- 6.3 In the event of a non-compliant effluent sample, additional samples of the effluent shall be taken and tested on a monthly basis until such time the results of analyses show that non-compliance has been controlled. Monitoring of influent and process wastewater shall also be carried out as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (Page 30 section 5.4.7), where the treatment plant does not perform satisfactorily. The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent where a pattern of full compliance with the licence conditions has become established.
- 6.4 The Licensee shall enter into a service contract with an accredited laboratory to ensure that the treated effluent samples are tested in accordance with conditions 6.1, 6.2 and 6.3. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.

7. Sludge and Other Waste Disposal

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

8. Monitoring Records

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

9.0 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 sewage treatment plant and drainage systems at all reasonable times including if necessary, times other than normal working hours, and shall also have access to the sewage treatment plant, drainage system and to the site in general, at all times in the event of an emergency.
- 9.2 Details of contact personnel (referred to in condition 4.1), including addresses, email and telephone numbers shall be made available to the Licensing Authority, for contact in the event of an emergency, within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of € 461 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The subsequent annual contribution fees shall be reckoned on the initial sum of € 461 when adjusted in accordance with the consumer price index for the intervening period since the date of issue of the Licence.

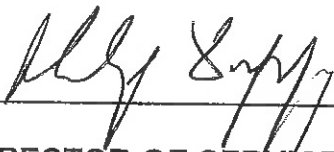
11. Notification to the Licensing Authority

11.1 The Licensee shall notify the Licensing Authority in writing of any changes in ownership of the premises or company name or personnel referred to in conditions 4.1 and 9.2 of this Licence.

11.2 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises, which could cause a material alteration in the nature, or an increase in the volume or concentration of the treated effluent discharged.

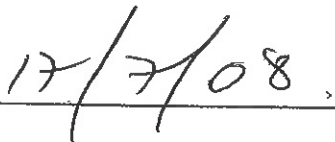
11.3 The Licensee shall notify the Licensing Authority of any accidental discharge, spillage or deposit of polluting matter, which enters or is likely to enter the surface water drains, or the groundwater or watercourses, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

SIGNED:



**A/ DIRECTOR OF SERVICES
WATER & ENVIRONMENTAL SERVICES SECTION**

DATED:



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
- (d) state the reference reference number of the Licence
- (e) state in full the grounds 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, 64 Marlborough Street, Dublin 1 and should be accompanied with a fee of €126.

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 87 (Amended)
2. *Name and address of the applicant:* Roadstone Dublin Ltd., Fortunestown, Tallaght, Dublin 24.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Calary Quarry, Kilmacanogue, Co. Wicklow.
4. *Description of Waters to which Discharge is made:* See file
5. *Location of point(s) of discharge:* See file
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 7th October, 2008. (*Amended Licence issued 05/01/11*)
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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:* 13/11/08
 - ii. *Board's reference:* WW 27.WW0378
11. *Result of appeal:* Appeal allowed – conditions amended (*Decision date 1\12\2009*)
Amended Licence issued on 5th January, 2011.

STATUS: CURRENT

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

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 87 (Amended)

Local Authority: - Wicklow County Council

To: Roadstone Dublin Limited,
Fortunestown,
Tallaght,
Dublin 24.

SLR Consulting Ireland,
7 Dundrum Business Park,
Windy Arbour,
Dublin 14.

Premises: Calary Quarry,
Kilmacanogue,
Co. Wicklow.

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977 – 1990, Local Government Act, 2001, and Water Services Act, 2007, hereby grant an amended licence in accordance with An Bord Pleanála's decision dated 1st December, 2009, (Ref. 27.WW.0378) to discharge treated effluent from a quarry located at Calary, Kilmacanogue, Co. Wicklow, to a tributary of the Killough 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 trade effluent from the premises of Roadstone Dublin Limited, located at Calary Quarry, Kilmacanogue, Co. Wicklow via a single authorised outfall pipe after appropriate treatment in quarry floor sumps, settlement tanks and an oil interceptor.
 - 1.2 The premises of the Roadstone Dublin Limited at Calary Quarry shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent to the tributary of the Killough River in accordance with this licence.

- 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be collected separately from the trade effluent and directed to surface water drains or soak-aways on the premises.
- 1.4 The Licensee's, quarry floor sumps, pumps, settlement tanks and oil interceptor shall be operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.
- 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.
- 1.6 The oil interceptor, quarry floor sumps, pumps, settlement tanks and sumps shall be maintained in a good and safe condition. No nuisances shall be allowed to persist in the vicinity of them. Adequate precautions shall be made to prevent unauthorised access or to prevent any damage to the oil interceptor, quarry floor sumps, pumps, settlement tanks and sumps.
- 1.7 Where there is a complete/partial change in the ownership of the premises to which this licence relates, the responsibility to comply with the conditions attached to the licence shall transfer pro-rata to the new owner(s).

2. Effluent Volume and Characteristics

- 2.1 The total volume of treated effluent discharged from the settlement tanks shall not normally exceed 805 m³/d subject to a maximum volume of 1600 m³/d during summertime (April to September) or 2000 m³/d during wintertime (October to March). The Licensing Authority reserves the right to modify this condition under licence review, in the interest of environmental protection, in the event that flow monitoring data supplied under Conditions 6.1(a) and 6.1(c) demonstrate that loadings are being discharged from the settlement systems that may adversely affect the receiving environment.
- 2.2 The treated effluent discharged from the settlement tanks and oil interceptor via the single authorised outfall pipe to the tributary of the Killough River shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1 Emission Limit Values Discharge Licence WPL87

Parameter	Parametric Limit Value	Units
pH	6 to 9	pH units
Temperature	< / = 25	°C
BOD	< / = 5	mg/l O ₂
COD	< / = 50	mg/l
Suspended Solids	< / = 30	mg/l
Ammonium	< / = 0.2	mg/l N
Chloride	< / = 50	mg/l Cl
Nitrate	< / = 30	mg/l NO ₃
Phosphate as P	< / = 0.03	mg/l MRP
Diesel Range Organics	< / = 5	mg/l
Mineral Oil	< / = 5	mg/l

3. Trade Treatment

- 3.1 The site drainage, quarry floor sump, pumps, settlement tanks and oil interceptor shall be laid out in accordance with drawings and design submitted as part of the application for this licence. The sewage treatment system shall be designed, laid out and maintained in accordance with the EPA Wastewater Treatment Manuals.

4. Treatment Plant Maintenance

- 4.1 The Licensee shall inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection, operation and general maintenance of the quarry floor sump, pumps, settlement tanks and oil interceptor within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection, operation and general maintenance of the quarry floor sump, pumps, settlement tanks and oil interceptor shall be kept on file for inspection.
- 4.2 The Licensee shall ensure that the nominated and trained persons receive a detailed instruction and training about the routine inspection, operation and general maintenance of the quarry floor sump, pumps, settlement tanks and oil interceptor from a competent engineering or environmental consultant. The Licensee shall also ensure that the nominated and substitute trained persons are issued with instruction manuals detailing the required inspection, operation and general maintenance of the quarry floor sump, pumps, settlement tanks and oil interceptor.

5. Provision of Monitoring Stations

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

Effluent: A suitable chamber shall be provided for sampling the treated effluent before entry to the single authorised outfall pipe. The sampling chamber shall facilitate flow measurement, and grab and composite sampling of the effluent.

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

6. Monitoring Regime

- 6.1 The Licensee shall
- (a) Install, calibrate and maintain a suitable flow measurement system, recorder and alarm on the effluent flow before discharge to the tributary of the Killough River, and record hourly flow rate and volume discharged on a daily basis. The flow measurement device shall facilitate continuous measurement and the system shall be approved by the licensing authority prior to its adoption as the system to serve the site.
 - (b) Install, calibrate and maintain a rain gauge and recorder at suitable location on the premises, record the rainfall on a daily basis.

- (c) Install, calibrate and maintain a pH meter, total suspended solids meter, recorder and alarm on the effluent pipe before discharge to the tributary of the Killough River, and continuously record the pH and concentrations of suspended solids in the effluent.

Certificates of calibration for the flow measurement device, pH meter, total suspended solids meter and rain gauge meter on site, shall be forwarded to the licensing authority within six months of the date of issue of this licence. Further such certificates shall be submitted on request.

- 6.2 The units for Diesel Range Organics and Mineral Oil shall be expressed as mg/l to ensure consistency of expression between units in Tables 1 and 2 of the issued discharge licence.

Table 2

PARAMETER	Unit of Expression
pH	pH Unit
Temperature	°C
BOD ₅	mg/l O ₂
Suspended Solids	mg/l
Orthophosphate	mg/l P
Nitrate	mg/l N
Chloride	mg/l Cl
Diesel Range Organics	mg/l
Mineral Oil	mg/l

- 6.3 The Licensee shall arrange to have samples taken from the tributary of the Killough River upstream and downstream of the confluence with the stream carrying the quarry discharge and also from the stream carrying the quarry discharge once every four months in respect of the parameters listed in table 3 below: -

Table 3

PARAMETER	Unit of Expression
pH	pH Unit
Temperature	°C
BOD ₅	mg/l O ₂
Suspended Solids	mg/l
Orthophosphate	mg/l P
Nitrate	mg/l N
Chloride	mg/l Cl
Dissolved Oxygen	mg/l O ₂
Turbidity	NTU

- 6.4 In the event of a result of a test on an effluent sample exceeding a parametric limit value by >20%, additional samples of the effluent and Killough River upstream and downstream of the discharge point shall be taken and tested on a daily basis until such time as the results of the additional samples show that the non-compliance has been brought under control. This additional monitoring of the effluent and

Killough River upstream and downstream shall be carried out for the parameter(s) that are determined to exceed, by >20%, parametric limit values specified in Table 1 of this licence.

6.5 The Licensing Authority may give its written consent to a reduced frequency of monitoring of the effluent where a pattern of full compliance with the licence conditions has become established. In the event of a non-compliant effluent sample, the sampling frequency shall revert to sampling every two months until such time a pattern of full compliance has been re-established.

6.6 The Licensee shall enter into a service contract with an accredited laboratory to ensure that samples are tested in accordance with conditions 6.2 and 6.3. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter. A copy of the contract document, signed by both parties, shall be submitted and agreed with the Licensing Authority within two months of the date of issue of this

Licence. Copies of the contract documents, for each subsequent period, shall be submitted and agreed with the Licensing Authority, within two months of the expiry date for the preceding contract period.

6.7 The licensee shall arrange to have the existing biological survey of the macro-invertebrate population in the Killough River updated at suitable locations upstream and downstream of the quarry discharge once every three years. This survey shall be completed by a competent biologist or ecologist and his/her report on such findings shall be submitted within one month of the survey date.

7. Sludge and Other Waste Disposal

7.1 The sludge arising from floor sump and settlement tanks and other waste material arising from the quarry operations shall be disposed of in accordance with the Waste Management (Permit) Regulations, 1998 (SI No. 165 of 1998) and any other relevant regulation as specified under the Waste Management Act, 1996. The Licensee shall inform and agree with the Licensing Authority the manner in which it is proposed to dispose of sludge within two months of the date of issue of this Licence.

7.2 The Licensee shall maintain legible traceable records of the removal and disposal of oils from the oil interceptor, sludges from quarry floor sump and settlement tanks.

8. Monitoring Records

8.1 Legible traceable records of all flow, rainfall and analytical data (with appropriate units shown) referred to in condition number 6 (the monitoring regime) shall be kept on file at the licensee's premises. In addition, a template for the purpose of data recording and evaluation shall be supplied to the licensee by the licensing authority. The licensee shall submit this completed template, in electronic format, with the original electronic copies of the laboratory analytical records for the effluent and receiving environment monitoring and the data for continuous flow, pH and suspended solids measurements, in addition to the rainfall record for the appropriate period. All data shall be submitted within one month of the monitoring period to which it relates. Paper copies of data shall be submitted to the licensing authority within two weeks of a request.

8.2 The records referred to in condition numbers 7.2 and 8.1 shall also be made available by the licensee for inspection by authorised persons of the licensing authority, and any other person authorised under section 28 of the Local Government (Water Pollution) Act, 1977.

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 oil interceptor, quarry floor sump and settlement tanks, drainage systems at all reasonable times including if necessary, times other than normal working hours, and at all times in the event of an emergency.

9.2 Details of contact personnel including names, posts, addresses, email and telephone numbers shall be made available to the Licensing Authority, for contact in the event of an emergency, within one month of the date of issue of the Licence. At least one such person in authority to take corrective action shall be available for contact at all times.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €898.00 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the corresponding portion of the annual fee for the period from the date of issue of the Licence to the end of the calendar year i.e. €885.60. The subsequent annual monitoring contributions shall apply to the normal full calendar year. The subsequent annual contributions shall be reckoned on the initial sum of €898 when adjusted in accordance with the consumer price index for the intervening period.

11. Notification to the Licensing Authority

11.1 The Licensee shall notify the Licensing Authority in writing of any changes in ownership of the premises or company name or personnel referred to in conditions 4.1 and 9.2 of this Licence.

11.2 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises, which could cause a material alteration in the nature, or an increase in the volume or concentration of the treated effluent discharged.

11.3 The Licensee shall notify the Licensing Authority of any accidental discharge, spillage or deposit of polluting matter, which enters or is likely to enter the surface water drains, or the groundwater or watercourses, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

SIGNED: Helena Dennehy
HELENA DENNEHY,
A SENIOR EXECUTIVE OFFICER,
WATER & ENVIRONMENTAL SERVICES.

DATE: 5th January, 2011.

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 88
2. *Name and address of the applicant:* John Wilding, Rosanna House, Rosanna Upper, Ashford.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:*
Rosanna House, Rosanna Upper, Ashford, Co. Wicklow.
4. *Description of Waters to which Discharge is made:*
5. *Location of point(s) of discharge:*
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 9th October, 2008.
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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

LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 – 1990

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 88
Local Authority: - Wicklow County Council

To: John Wilding,
Rosanna House,
Rosanna Upper,
Ashford,
Co. Wicklow

C/O Sara Devitt,
SK Design,
3 Market Square House,
Aughrim,
Co. Wicklow.

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977-1990 hereby grants a licence to discharge sewage effluent from Rosanna House, Rosanna Upper, Ashford, Co. Wicklow to ground water after appropriate treatment in an Ireland Wastewater Treatment Plant subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation
 - 1.1 This Licence shall be in respect of the discharge of sewage effluent from the premises of Rosanna House, Rosanna Upper, Ashford Co. Wicklow to groundwater via a percolation area after appropriate treatment in an Ireland Wastewater Treatment Plant.
 - 1.2. The premises of the Rosanna House shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent to groundwater in accordance with this licence.
 - 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the sewage treatment plant.

- 1.4 The Licensee's sewage treatment plant shall be operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.
- 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.
- 1.6 The sewage treatment plant area shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of these areas. Adequate precautions shall be made to prevent unauthorised access to the sewage treatment plant area and to prevent any damage to the sewage treatment plant.
- 1.7 A grease removal trap shall be installed on the waste pipe(s) from the kitchen area prior to the collection of foul sewage. The grease trap shall be checked regularly, emptied, cleaned and maintained as required to ensure its proper operation.
- 1.8 Where there is a complete/partial change in the ownership of the premise to which the licence relates, the responsibility to comply with the conditions attached to the licence shall transfer pro-rata to the new owners(s)

2. Effluent Volume and Characteristics

- 2.1 The treated effluent from the sewage treatment plant shall be uniformly discharged over a 24-hour period, 7 days a week. The total volume of the treated effluent discharged from the sewage treatment plant shall not exceed 13.5 m³/day subject to a maximum flow rate of 1.7m³/hour.
- 2.2 The treated effluent discharged from the sewage treatment plant prior to the percolation area shall comply with the quality standards set out in respect of the parameters in table 1 overleaf.

Table 1

PARAMETER	PARAMETRIC LIMIT VALUE
pH	6 to 9
Temperature	$\leq 25^{\circ}\text{C}$ or ambient
BOD ₅	≤ 20 mg/l O ₂
COD	≤ 125 mg/l O ₂
Suspended Solids	≤ 30 mg/l
Total Ammoniacal Nitrogen	≤ 10 mg/l N
Nitrate	≤ 15 mg/l N
Phosphate	≤ 10 mg/l P
Fats/Oils/Grease	≤ 20 mg/l
Detergents	≤ 1 mg/l

3. Sewage Treatment

- 3.1 The sewage treatment plant and percolation area shall be laid out in accordance with drawings and design submitted as part of the application for this licence.
- 3.2 The Licensee shall arrange for a competent engineering firm, with professional indemnity insurance, to certify that the foul sewers, sewage treatment plant and percolation area have been installed in accordance with drawings and design submitted within two months of the date of completion of the installation works.
- 3.3 The sewage treatment plant shall be capable of producing an effluent standard in compliance with condition 2.2

4. Treatment Plant Maintenance

- 4.1 The Licensee shall inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the grease trap and sewage treatment plant within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the grease trap and sewage treatment plant shall be kept on file for inspection.

- 4.2 The Licensee shall employ the services of a competent engineering/environmental consultant, for the maintenance of the sewage treatment plant, on a contractual basis. The contract shall provide for an emergency call-out service in the event of breakdown of the treatment plant. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.
- 4.3 The aforementioned contract shall include at least two visits by the consultant each year. A copy of each 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 the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of the grease trap and sewage treatment plant from the manufacturer/supplier of the plant or from the competent engineering or environmental consultant. The Licensee shall also ensure that the nominated and substitute trained persons receive instruction manuals detailing the inspection and operation of the grease trap and sewage treatment plant.

5. **Provision of Monitoring Stations**

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

Effluent: A suitable chamber shall be provided for sampling the treated effluent before the percolation area. The sampling chamber shall facilitate flow measurement, and grab and composite sampling of the effluent.

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

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring flume and a staff gauge on the effluent discharge line from the sewage treatment plant before the percolation area, and record the hourly rate and daily discharge volume on a daily basis.

Or alternatively

(b) Install, calibrate and maintain a suitable water meter on the drinking water supply to the premises, and record the water meter readings on a daily basis.

A certificate of calibration for the flow-measuring flume and a staff gauge in the case of option 6.1(a), or a certificate of calibration for the water meter in the case of option 6.1(b) shall be forwarded to the Licensing Authority within six months of the date of issue of this Licence. Further such certificates shall be submitted on request.

In the event, that option 6.1(b) fails to operate satisfactorily in the opinion of the Licensing Authority, then the said Authority shall reserve the right to insist on the implementation of condition 6.1(a) above.

6.2 The Licensee shall arrange to have representative samples of the treated effluent taken from the sampling chamber and tested at least two times per year, in respect of the parameters listed in table 2 below:

Table 2

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

In addition the Licensee shall arrange to have a representative sample of the treated effluent tested at least once each year in respect of the parameters listed in table 3 below: -

Table 3

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

- 6.3 In the event of a non-compliant effluent sample, additional samples of the effluent shall be taken and tested on a monthly basis until such time the results of analyses show that non-compliance has been controlled. Monitoring of influent and process wastewater shall also be carried out as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (Page 30 section 5.4.7), where the treatment plant does not perform satisfactorily. The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent where a pattern of full compliance with the licence conditions has become established.
- 6.4 The Licensee shall enter into a service contract with an accredited laboratory to ensure that the treated effluent samples are tested in accordance with conditions 6.2 and 6.3. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.

7. Sludge and Other Waste Disposal

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

8. Monitoring Records

- 8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be kept on file at the premises. The Licensee shall arrange with their contract laboratory to send electronic copies of the analytical records to the Licensing Authority within two weeks of the period to

which they relate. The Licensee shall send electronic copies of the flow records to the Licensing Authority within two weeks of the period to which they relate. A template for the purpose of the electronic submission will be available from the Licensing Authority. Paper copies of these records shall also be submitted to the Licensing Authority upon two weeks of a request.

8.2 The Licensee shall maintain legible traceable records of sludge removal and other waste material from the sewage treatment plant and logs of the inspection and operation of the grease trap and sewage treatment plant.

8.3 The records referred to in conditions 8.1 and 8.2, shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. **Access by Authorised Personnel**

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

9.2 Details of contact personnel (referred to in condition 4.1), including addresses, email and telephone numbers shall be made available to the Licensing Authority, for contact in the event of an emergency, within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

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

10.1 The Licensee shall pay on demand an annual contribution fee of € 409 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the corresponding portion of the annual fee for the period from the date of issue of the Licence to the end of the calendar year i.e. €94.13. The subsequent annual monitoring fees shall apply to the normal full calendar year. The subsequent annual contribution fees shall be reckoned on the initial sum of € 409 when adjusted in accordance with the consumer price index for the intervening period.

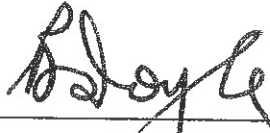
11. Notification to the Licensing Authority

11.1 The Licensee shall notify the Licensing Authority in writing of any changes in ownership of the premises or company name or personnel referred to in conditions 4.1 and 9.2 of this Licence.

11.2 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises, which could cause a material alteration in the nature, or an increase in the volume or concentration of the treated effluent discharged.

11.3 The Licensee shall notify the Licensing Authority of any accidental discharge, spillage or deposit of polluting matter, which enters or is likely to enter the surface water drains, or the groundwater or watercourses, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

SIGNED:



DIRECTOR OF SERVICES
WATER & ENVIRONMENTAL SERVICES SECTION

DATED:

9/10/08

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
- (d) state the reference number of the Licence
- (e) state in full the grounds 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 Pleanála, 64 Marlborough Street, Dublin 1 and should be accompanied with a fee of €126

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 89
2. *Name and address of the applicant:* Jan Ali, Ajsling Nursing Home, Sea Bank, Arklow, Co. Wicklow.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Aisling Nursing Home, Sea Bank, Arklow, Co. Wicklow.
4. *Description of Waters to which Discharge is made:*
5. *Location of point(s) of discharge:*
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 21st October, 2008.
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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

LOCAL GOVERNMENT (WATER POLLUTION) ACTS, 1977 - 1990

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 89
Local Authority: - Wicklow County Council

To: Jan Ali,
Aisling Nursing Home,
Sea Bank,
Arklow,
Co. Wicklow

C/o John O'Hanlon & Associates,
69 Lower Main Street,
Arklow,
Co. Wicklow.

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977-1990 hereby grants a licence to discharge sewage effluent from the Aisling Nursing Home, Sea Bank, Arklow, Co. Wicklow to ground water after appropriate treatment in a Klargester BioDisc Model BF sewage treatment plant subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation
 - 1.1 This Licence shall be in respect of the discharge of sewage effluent from the premises of Aisling Nursing Home, Sea Bank, Arklow, Co. Wicklow to groundwater via a percolation area after appropriate treatment in a Klargester BioDisc Model BF sewage treatment plant.
 - 1.2 The premises of the Aisling Nursing Home shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent to groundwater in accordance with this licence.
 - 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the sewage treatment plant.

- 1.4 The Licensee's sewage treatment plant shall be operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.
- 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.
- 1.6 The sewage treatment plant and percolation area shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of these areas. Adequate precautions shall be made to prevent unauthorised access to the sewage treatment plant area and to prevent any damage to the sewage treatment plant.
- 1.7 A grease removal trap shall be installed on the waste pipe(s) from the kitchen area prior to the collection of foul sewage. The grease trap shall be checked regularly, emptied, cleaned and maintained as required to ensure its proper operation.
- 1.8 Where there is a complete/partial change in the ownership of the premise to which the licence relates, the responsibility to comply with the conditions attached to the licence shall transfer pro-rata to the new owners(s)

2. Effluent Volume and Characteristics

- 2.1 The treated effluent from the sewage treatment plant shall be uniformly discharged over a 24-hour period, 7 days a week. The total volume of the treated effluent discharged from the sewage treatment plant shall not exceed 6 m³/day subject to a maximum flow rate of 1 m³/hour.
- 2.2 The treated effluent discharged from the sewage treatment plant via the percolation area shall comply with the quality standards set out in respect of the parameters in table 1 overleaf.

Table 1

PARAMETER	PARAMETRIC LIMIT VALUE
pH	6 to 9
Temperature	</= 25 °C or ambient
BOD ₅	</= 20 mg/l O ₂
COD	</= 125 mg/l O ₂
Suspended Solids	</= 30mg/l
Total Ammoniacal Nitrogen	</= 10 mg/l N
Nitrate	</= 15 mg/l N
Phosphate	</= 10 mg/l P
Fats/Oils/Grease	</= 20mg/l
Detergents	</= 1mg/l

3. Sewage Treatment

- 3.1 The sewage treatment plant and percolation area shall be laid out in accordance with the drawings submitted as part of the application for this licence. In the event of effluent accumulating on the ground surface in the percolation area, the Licensee shall submit proposals to remedy this occurrence to the satisfaction of Licensing Authority.
- 3.2 The Licensee shall arrange for a competent engineering firm, with professional indemnity insurance, to certify that the foul sewers and sewage treatment plant have been installed in accordance with drawings and design submitted within two months of the date of completion of the installation works.
- 3.3 The sewage treatment plant shall be capable of producing an effluent standard in compliance with condition 2.2

4. Treatment Plant Maintenance

- 4.1 The Licensee shall inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the grease trap and sewage treatment plant within two months of the date of issue of the Licence. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the grease trap and sewage treatment plant shall be kept on file for inspection.

- 4.2 The Licensee shall employ the services of a competent engineering/environmental consultant, for the maintenance of the sewage treatment plant, on a contractual basis. The contract shall provide for an emergency call-out service in the event of breakdown of the treatment plant. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.
- 4.3 The aforementioned contract shall include at least two visits by the consultant each year. A copy of each 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 the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of the grease trap and sewage treatment plant from the manufacturer/supplier of the plant or from the competent engineering or environmental consultant. The Licensee shall also ensure that the nominated and substitute trained persons receive instruction manuals detailing the inspection and operation of the grease trap and sewage treatment plant.

5. Provision of Monitoring Stations

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

Effluent: A suitable chamber shall be provided for sampling the treated effluent before the percolation area. The sampling chamber shall facilitate flow measurement, and grab and composite sampling of the effluent.

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

6. Monitoring Regime

- 6.1 The Licensee shall either: -
- (a) Install, calibrate and maintain a suitable flow-measuring flume and a staff gauge on the effluent discharge line from the sewage treatment plant before the percolation area, and record the hourly rate and daily discharge volume on a daily basis.

Or alternatively

- (b) Install, calibrate and maintain a suitable water meter on the drinking water supply to the premises, and record the water meter readings on a daily basis.

A certificate of calibration for the flow-measuring flume and a staff gauge in the case of option 6.1(a), or a certificate of calibration for the water meter in the case of option 6.1(b) shall be forwarded to the Licensing Authority within six months of the date of issue of this Licence. Further such certificates shall be submitted on request.

In the event, that option 6.1(b) fails to operate satisfactorily in the opinion of the Licensing Authority, then the said Authority shall reserve the right to insist on the implementation of condition 6.1(a) above.

- 6.2 The Licensee shall arrange to have representative samples of the treated effluent taken from the sampling chamber and tested at least two times per year, in respect of the parameters listed in table 2 below:

Table 2

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

In addition the Licensee shall arrange to have a representative sample of the treated effluent tested at least once each year in respect of the parameters listed in table 3 below: -

Table 3

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

- 6.3 In the event of a non-compliant effluent sample, additional samples of the effluent shall be taken and tested on a monthly basis until such time the results of analyses show that non-compliance has been controlled. Monitoring of influent and process wastewater shall also be carried out as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (Page 30 section 5.4.7), where the treatment plant does not perform satisfactorily. The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent where a pattern of full compliance with the licence conditions has become established.
- 6.4 The Licensee shall enter into a service contract with an accredited laboratory to ensure that the treated effluent samples are tested in accordance with conditions 6.2 and 6.3. The contract shall be annually renewed and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.

7. **Sludge and Other Waste Disposal**

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

8. **Monitoring Records**

- 8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be kept on file at the premises. The Licensee shall arrange with their contract laboratory to send electronic copies of the analytical records to the Licensing Authority within two weeks of the period to which they relate. The Licensee shall send electronic copies of the flow records to the Licensing Authority within two weeks of the period to which they relate. A template for the purpose of the electronic submission will be available from the Licensing Authority. Paper copies of these records shall also be submitted to the Licensing Authority upon two weeks of a request.

8.2 The Licensee shall maintain legible traceable records of sludge removal and other waste material from the sewage treatment plant and logs of the inspection and operation of the grease trap and sewage treatment plant.

8.3 The records referred to in conditions 8.1 and 8.2, shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

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

9.2 Details of contact personnel (referred to in condition 4.1), including addresses, email and telephone numbers shall be made available to the Licensing Authority, for contact in the event of an emergency, within two months of the date of issue of the Licence. At least one such person in authority to take corrective action shall be available for contact at all times.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of € 436 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the corresponding portion of the annual fee for the period from the date of issue of the Licence to the end of the calendar year i.e. €84.81. The subsequent annual monitoring fee shall apply to the normal full calendar year. The subsequent annual contribution fees shall be reckoned on the initial sum of € 436 when adjusted in accordance with the consumer price index for the intervening period.

11. Notification to the Licensing Authority

11.1 The Licensee shall notify the Licensing Authority in writing of any changes in ownership of the premises or company name or personnel referred to in conditions 4.1 and 9.2 of this Licence.

11.2 The Licensee shall notify the Licensing Authority in advance of any proposed change in the operation of the premises, which could cause a material alteration in the nature, or an increase in the volume or concentration of the treated effluent discharged.

11.3 The Licensee shall notify the Licensing Authority of any accidental discharge, spillage or deposit of polluting matter, which enters or is likely to enter the surface water drains, or the groundwater or watercourses, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

SIGNED: B. Doyle
DIRECTOR OF SERVICES
WATER & ENVIRONMENTAL SERVICES SECTION

DATED: 21st October, 2008.

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
- (d) state the reference number of the Licence
- (e) state in full the grounds 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, 64 Marlborough Street, Dublin 1 and should be accompanied with a fee of €126.

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 90
2. *Name and address of the applicant:* Jonathan Long & Delia Hickey, Ballynapark, Brittas Bay, Co. Wicklow.
3. *Location of the premises, works, apparatus or drainage pipe from which effluent is discharged:* Ballynapark, Brittas Bay, Co. Wicklow.
4. *Description of Waters to which Discharge is made:*
5. *Location of point(s) of discharge:*
6. *Description of effluent:* Treated sewage effluent
7. *Date of grant of licence:* 12th November, 2008.
8. *Condition attached to licence:* Conditions numbered 1 to 11.3 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

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

LICENCE TO DISCHARGE TRADE OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 90
Local Authority: - Wicklow County Council

To: Jonathan Long & Delia Hickey,
Ballynapark,
Brittas Bay,
Co. Wicklow

c/o Meehan Levins Partnership,
Architects,
Riverwalk,
Arklow,
Co. Wicklow.

The Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977-1990, Local Government Act 2001, Water Services Act 2007 hereby grants a licence to discharge sewage effluent from the dwelling house of Mr. Jonathan Long & Delia Hickey, located at Ballynapark, Brittas Bay, Co. Wicklow to a nearby stream after appropriate treatment in a Klargestar BA Biodisc Unit and a soil polishing filter subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation
 - 1.1 This Licence shall be in respect of the discharge of sewage effluent from the dwelling house of Jonathan Long & Delia Hickey, located at Ballynapark, Brittas Bay, Co. Wicklow to the nearby stream via a single authorised outfall pipe after appropriate treatment in a Klargestar BA Biodisc Unit and a soil polish filter.
 - 1.2 The drainage on the property shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated sewage effluent to the nearby stream in accordance with this licence.
 - 1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the property. Under no circumstances shall rainwater be discharged to the effluent treatment system.

- 1.4 The Licensee's effluent treatment plant shall be operated and maintained in such manner as to ensure that the discharge of treated sewage effluent shall be accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.
- 1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.
- 1.6 The effluent treatment plant and soil polishing filter shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of the effluent treatment plant and soil polishing filter. Adequate precautions shall be made to prevent damage or unauthorised access to the effluent treatment plant and soil polishing filter area.
- 1.7 In the event of grease impairing the proper operation of the effluent treatment plant, a grease removal trap shall be installed and maintained on the waste pipe(s) from the kitchen area prior to the collection of foul sewage.

2. Effluent Volume and Characteristics

- 2.1 The treated effluent from the effluent treatment plant shall be uniformly discharged over a 24-hour period, 7 days a week. The total volume of the treated effluent discharged from the effluent treatment plant shall not exceed 1 m³/day subject to a maximum flow rate of 0.3m³/hour.
- 2.2 The treated effluent discharged from the effluent treatment plant prior to the soil polishing filter shall comply with the quality standards set out in respect of the parameters in table 1 below.

Table 1

PARAMETER VALUE	PARAMETRIC	LIMIT
pH	6 to 9	
Temperature	</= 25 °C or ambient	
BOD ₅	</= 20 mg/l O ₂	
COD	</= 125mg/l O ₂	
Suspended Solids	</= 30 mg/l	
Total Ammoniacal Nitrogen	</= 10 mg/l N	
Nitrate	</= 25 mg/l N	
Phosphate	</= 8 mg/l P	
Fats/oils/grease	</= 20 mg/l	
Detergents (MBAS)	</= 1 mg/l	

3. **Treatment of Effluent**

- 3.1 The site drainage, effluent treatment plant, soil polishing filter and single authorised outfall pipe shall be laid out in accordance with the drawings and description submitted.
- 3.2 The licensee shall arrange for a competent engineering firm with professional indemnity insurance to certify that the foul sewer, effluent treatment plant, soil polishing filter and outfall pipe have been properly installed in accordance with the drawing submitted.
- 3.3 The stream along the southern boundary of the site shall be cleaned out, re-graded and maintained to ensure that adequate self-cleansing flows are maintained.

4. **Treatment Plant Maintenance**

- 4.1 The Licensee shall operate and maintain the effluent treatment plant in accordance with the owner's handbook and manufacturer's recommendations. A log of the operation and maintenance of the effluent treatment plant shall be kept on file for inspection.
- 4.2 The Licensee shall enter into a maintenance contract with the manufacturer or recognised agent to ensure that effluent treatment plant is properly serviced in accordance with manufacturers instructions. The contract shall be annually renewed and submitted for approval. The service reports shall be kept for file for inspection.

5. **Provision of Monitoring Stations**

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

Effluent: A suitable chamber shall be provided for sampling the treated effluent before discharge to the soil polishing filter.

Receiving Water: Suitable access shall be provided to the nearby stream to allow inspection and sampling of the stream at locations upstream and downstream of the effluent discharge point.

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 arrange to have a representative sample of the effluent taken from the sampling chamber and tested at least once each year in respect of the parameters listed in table 2 below: -

Table 2

PARAMETER	Unit of Expression
pH	pH Unit
Temperature	⁰ C
BOD ₅	mg/l O ₂
COD	mg/l O ₂
Suspended Solids	mg/l
Total Ammoniacal Nitrogen	mg/l N
Nitrate	mg/l N
Orthophosphate	mg/l P
Fats/oils/grease	mg/l
Detergents (MBAS)	mg/l

6.2 In the event of a non-compliant effluent sample taken as per condition 6.1 above, additional samples of the effluent shall be taken and tested on a monthly basis until such time the non-compliance has been controlled.

6.3 The Licensee shall enter into a service contract with an accredited laboratory to ensure that the effluent samples are tested in accordance with conditions 6.1 and 6.2. The contract shall be annually renewed and submitted for approval.

7. Sludge and Waste Material Disposal

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

8. Monitoring Records

- 8.1 Legible traceable records of all analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be submitted to the Licensing Authority within two weeks of the period to which they relate.
- 8.2 The Licensee shall maintain legible traceable records of sludge removal from the effluent treatment plant and maintenance of the effluent treatment plant and soil polish system as per conditions 4.1 and 4.2.
- 8.3 The records referred to in conditions 8.1 and 8.2, shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

- 9.1 Authorised officers of the Licensing Authority or its agents and any other person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977 shall have access to the Licensee's effluent treatment plant and soil polishing filter and outfall pipe at all reasonable times including if necessary, times other than normal working hours, and shall also have access to the property in general, at all times in the event of an emergency.
- 9.2 Details of contact personnel including addresses, email and telephone numbers shall be made available to the Licensing Authority, for contact in the event of an emergency, within two months of the date of issue of the Licence. At least one such person shall be available for contact at all times.

10. Monitoring Contribution to the Licensing Authority

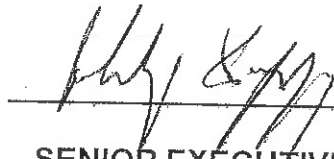
- 10.1 The Licensee shall pay on demand an annual contribution of €282 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the corresponding portion of the annual fee for the period from the date of issue of the Licence to the end of the calendar year i.e. €38.63. The subsequent annual monitoring contributions shall apply to the normal full calendar year. The subsequent annual contributions shall be reckoned on the initial sum of €282 when adjusted in accordance with the consumer price index for the intervening period.

11. Notification to the Licensing Authority

- 11.1 The Licensee shall notify the Licensing Authority in writing in advance of any proposed change in ownership of the property.

- 11.2 The Licensee shall notify the Licensing Authority in advance of any proposed development or change at the property, which could cause a material alteration in the nature, or an increase in the volume or concentration 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 surface water drains, or the groundwater or watercourses, as soon as practicably possible, in accordance with Section 14 of the Local Government (Water Pollution) Act.

SIGNED:



SENIOR EXECUTIVE OFFICER
WATER & ENVIRONMENTAL SERVICES SECTION

DATED: 12th November, 2008.

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
- (d) state the reference number of the Licence
- (e) state in full the grounds 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 Pleanála, 64 Marlborough Street, Dublin.1 and should be accompanied with a fee of €126.