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 111*

2: Name and address of the applicant: *Kippure Lodge Ltd., Kippure House Estate, Manor Kilbride, Blessington, Co. Wicklow.*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Domestic effluent*

7: Date of grant of licence: *February 2018*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 19th February, 2018
ii. Board's reference:

11:Result of appeal:

STATUS: CURRENT

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 112*

2: Name and address of the applicant: Tanark Ltd., t/a *Millrace Caravan Park, Oaklands, Ballinacarrig, Brittas Bay, Co. Wicklow*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Domestic effluent*

7: Date of grant of licence: *February 2018*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

*i. **Date: 14th May 2018***
*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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 112

Local Authority: - Wicklow County Council

To: Tanark Limited
t/a Millrace Caravan Park
Oaklands,
Ballynacarrig,
Brittas Bay
Co. Wicklow.

C/O: McAulay Rice Architects
Green Tree House
Fitzwilliam Square
Wicklow Town

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 effluents from the premises of Tanark Limited at Millrace Caravan Park, Brittas Bay, Co. Wicklow, to Groundwater, via percolation after appropriate treatment in a 75 PE secondary wastewater treatment plant followed by tertiary treatment, subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

1.1 This Licence shall be in respect of the discharge of treated sewage effluent from the premises of Tanark Limited at Millrace Caravan Park, Brittas Bay, Co. Wicklow, to groundwater, after appropriate treatment in

a 75 PE Secondary Wastewater Treatment Plant followed by tertiary treatment in a Sand Polishing Filter.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.4 The Licensee's wastewater treatment system shall be designed, operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.

1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.

1.6 The wastewater treatment system 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 wastewater treatment areas and to prevent any damage to the wastewater treatment system.

1.7 The wastewater treatment system and any associated infrastructure shall be located at the minimum of 31m from any dwellings as set out in the minimum separation the EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater 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 wastewater treatment plant shall not exceed 11.25 m^3/day.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Treated Effluent Standards and Monitoring Frequency

Parameter	Units	Emission Limit Value	Frequency
pH	pH Units	6 to 9	Monthly June to Sept
$cBOD_5$	mg/l	25	Monthly June to Sept
COD	mg/l	125	Monthly June to Sept
Suspended Solids	mg/l	35	Monthly June to Sept
Total Ammoniacal Nitrogen (as N)	mg/l	5	Monthly June to Sept
Nitrate (as N)	mg/l	14	Monthly June to Sept
Nitrite (as N)	mg/l	0.5	Monthly June to Sept
Ortho-phosphate (as P)	mg/l	3	Monthly June to Sept

3. Wastewater Treatment

3.1 The wastewater treatment plant, pumping stations, tertiary filters and distribution system shall be appropriately designed, sized and laid out with appropriate regard to the EPA Wastewater Treatment Manual Treatment 1999 (Systems for Small Communities, Business, Leisure Centres and Hotels), EPA Code of Practice 2009, and Manufacturer's instructions. In particular the infiltration area shall be located at least 10m from any ditch or watercourse.

3.2 A certificate from a suitably qualified person (with professional indemnity insurance) shall be submitted to the licensing authority, stating that the above wastewater treatment system has been designed and installed as

stipulated above. This shall include certification of the design and performance of all the components, including the treatment plant, dosing sump and pump, the length and diameter of any rising main, manifold and laterals, orifice diameter, orifice spacing, the volume and number of doses per day and filter construction. It shall also include photographic evidence of the components and their installation.

3.3 The wastewater treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within two months of the date of issue of the Licence, inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the wastewater treatment plant. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the wastewater treatment plant 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 wastewater 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 maintenance contract shall include at least two visits by the consultant each year, one pre-season to ensure the treatment plant is adequately seeded and operating correctly before the season begins, and a second at the end of the season to ensure the plant is ready for the dormant period. A copy of each maintenance report shall be

submitted to the Licensing Authority within one month of the date of the report becoming available. The Licensee shall submit electronic copies of the maintenance report to the Licensing Authority at dischargelicences@wicklowcoco.ie within two weeks of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

4.4 The Licensee shall ensure that the nominated and trained persons and one substitute receive detailed instruction and training about the routine inspection and operation of wastewater treatment plant from the manufacturer/supplier of the plant or from the competent engineering or environmental consultant.

4.5 The licensee shall ensure the infiltration area is maintained in proper working order.

4.6 The Licensee shall arrange for the wastewater treatment plant to be emptied in accordance with manufacturer's instructions when the caravan park closes at the end of the holiday season and filled with clean water. Before the caravan park opens at the start of the holiday season the Licensee shall arrange for the wastewater treatment plant to be refilled with clean water and seeded with fresh activated biomass.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the effluent from the wastewater treatment plant The sampling chambers shall be labelled and facilitate flow measurement, and grab and composite sampling of the effluent.

(ii) Groundwater down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available. All sample locations shall be labelled.

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

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 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 after wastewater treatment system and tested **monthly between June and September each year,** in respect of the parameters listed in Tables 1 above.

6.3 The Licensee shall arrange to have the following ambient samples tested at least twice between June and September **each year** in respect of the parameters listed in Table 3 below:

Table 2 Ambient Sample Locations

Sample Location	ITM X coordinate	ITM Y Coordinate
Shallow Groundwater up-	730460	684512

gradient of the infiltration area		
Shallow Groundwater down-gradient of infiltration area	730634	684566

Table 3 Ambient Monitoring requirements

PARAMETER	Unit of Expression
pH	pH Unit
$cBOD_5$	mg/l
Conductivity	us/cm @20°C
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Chloride	mg/l
Nitrate	mg/l N
Nitrite	mg/l N
E. Coli	MPN/100ml

6.4 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.

6.5 Where the treatment plant does not perform satisfactorily, 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).

6.6 The Licensee shall enter into a contract with an approved 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.

7. Sludge and Other Waste Disposal

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

8. Monitoring Records

8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be kept on file at the premises. The Licensee shall arrange with their contract laboratory to send electronic copies of the analytical records to the Licensing Authority at dischargelicences@wicklowcoco.ie one month of the period to which they relate. The Licensee shall send electronic copies of the flow records to the Licensing Authority within one month of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

8.2 The Licensee shall maintain legible traceable records of sludge removal and other waste material from the wastewater treatment plant and logs of the inspection and operation of the 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 wastewater treatment plant, sample locations and drainage systems at all reasonable times including if necessary, times other than normal working hours.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €838.46 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be reckoned on the initial sum of €838.46 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 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,
SENIOR EXECUTIVE OFFICER,
WATER & ENVIRONMENTAL SERVICES.

Date: 18th May 2018.

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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 112*

2: Name and address of the applicant: Tanark Ltd., t/a *Millrace Caravan Park, Oaklands, Ballinacarrig, Brittas Bay, Co. Wicklow*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Domestic effluent*

7: Date of grant of licence: *February 2018*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 14th May 2018
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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 112

Local Authority: - Wicklow County Council

To: Tanark Limited
t/a Millrace Caravan Park
Oaklands,
Ballynacarrig,
Brittas Bay
Co. Wicklow.

C/O: McAulay Rice Architects
Green Tree House
Fitzwilliam Square
Wicklow Town

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 effluents from the premises of Tanark Limited at Millrace Caravan Park, Brittas Bay, Co. Wicklow, to Groundwater, via percolation after appropriate treatment in a 75 PE secondary wastewater treatment plant followed by tertiary treatment, subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

1.1 This Licence shall be in respect of the discharge of treated sewage effluent from the premises of Tanark Limited at Millrace Caravan Park, Brittas Bay, Co. Wicklow, to groundwater, after appropriate treatment in

a 75 PE Secondary Wastewater Treatment Plant followed by tertiary treatment in a Sand Polishing Filter.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.4 The Licensee's wastewater treatment system shall be designed, operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.

1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.

1.6 The wastewater treatment system 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 wastewater treatment areas and to prevent any damage to the wastewater treatment system.

1.7 The wastewater treatment system and any associated infrastructure shall be located at the minimum of 31m from any dwellings as set out in the minimum separation the EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater 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 wastewater treatment plant shall not exceed 11.25 m^3/day.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Treated Effluent Standards and Monitoring Frequency

Parameter	Units	Emission Limit Value	Frequency
pH	pH Units	6 to 9	Monthly June to Sept
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COD	mg/l	125	Monthly June to Sept
Suspended Solids	mg/l	35	Monthly June to Sept
Total Ammoniacal Nitrogen (as N)	mg/l	5	Monthly June to Sept
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Nitrite (as N)	mg/l	0.5	Monthly June to Sept
Ortho-phosphate (as P)	mg/l	3	Monthly June to Sept

3. Wastewater Treatment

3.1 The wastewater treatment plant, pumping stations, tertiary filters and distribution system shall be appropriately designed, sized and laid out with appropriate regard to the EPA Wastewater Treatment Manual Treatment 1999 (Systems for Small Communities, Business, Leisure Centres and Hotels), EPA Code of Practice 2009, and Manufacturer's instructions. In particular the infiltration area shall be located at least 10m from any ditch or watercourse.

3.2 A certificate from a suitably qualified person (with professional indemnity insurance) shall be submitted to the licensing authority, stating that the above wastewater treatment system has been designed and installed as

stipulated above. This shall include certification of the design and performance of all the components, including the treatment plant, dosing sump and pump, the length and diameter of any rising main, manifold and laterals, orifice diameter, orifice spacing, the volume and number of doses per day and filter construction. It shall also include photographic evidence of the components and their installation.

3.3 The wastewater treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within two months of the date of issue of the Licence, inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the wastewater treatment plant. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the wastewater treatment plant 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 wastewater 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 maintenance contract shall include at least two visits by the consultant each year, one pre-season to ensure the treatment plant is adequately seeded and operating correctly before the season begins, and a second at the end of the season to ensure the plant is ready for the dormant period. A copy of each maintenance report shall be

submitted to the Licensing Authority within one month of the date of the report becoming available. The Licensee shall submit electronic copies of the maintenance report to the Licensing Authority at dischargelicences@wicklowcoco.ie within two weeks of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

4.4 The Licensee shall ensure that the nominated and trained persons and one substitute receive detailed instruction and training about the routine inspection and operation of wastewater treatment plant from the manufacturer/supplier of the plant or from the competent engineering or environmental consultant.

4.5 The licensee shall ensure the infiltration area is maintained in proper working order.

4.6 The Licensee shall arrange for the wastewater treatment plant to be emptied in accordance with manufacturer's instructions when the caravan park closes at the end of the holiday season and filled with clean water. Before the caravan park opens at the start of the holiday season the Licensee shall arrange for the wastewater treatment plant to be refilled with clean water and seeded with fresh activated biomass.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the effluent from the wastewater treatment plant The sampling chambers shall be labelled and facilitate flow measurement, and grab and composite sampling of the effluent.

(ii) Groundwater down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available. All sample locations shall be labelled.

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

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 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 after wastewater treatment system and tested **monthly between June and September each year**, in respect of the parameters listed in Tables 1 above.

6.3 The Licensee shall arrange to have the following ambient samples tested at least twice between June and September **each year** in respect of the parameters listed in Table 3 below:

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gradient of the infiltration area		
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Orthophosphate	mg/l P
Chloride	mg/l
Nitrate	mg/l N
Nitrite	mg/l N
E. Coli	MPN/100ml

6.4 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.

6.5 Where the treatment plant does not perform satisfactorily, 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).

6.6 The Licensee shall enter into a contract with an approved 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.

7. Sludge and Other Waste Disposal

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

8. Monitoring Records

8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be kept on file at the premises. The Licensee shall arrange with their contract laboratory to send electronic copies of the analytical records to the Licensing Authority at dischargelicences@wicklowcoco.ie one month of the period to which they relate. The Licensee shall send electronic copies of the flow records to the Licensing Authority within one month of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

8.2 The Licensee shall maintain legible traceable records of sludge removal and other waste material from the wastewater treatment plant and logs of the inspection and operation of the 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 wastewater treatment plant, sample locations and drainage systems at all reasonable times including if necessary, times other than normal working hours.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €838.46 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be reckoned on the initial sum of €838.46 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 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,
SENIOR EXECUTIVE OFFICER,
WATER & ENVIRONMENTAL SERVICES.

Date: 18th May 2018.

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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 113*

2: Name and address of the applicant: *Wicklow Hospice, Magheramore, Wicklow, Co. Wicklow.*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Domestic effluent*

7: Date of grant of licence: *March 2019*

8: Conditions attached to licence: *1 – 11.3 incl.*

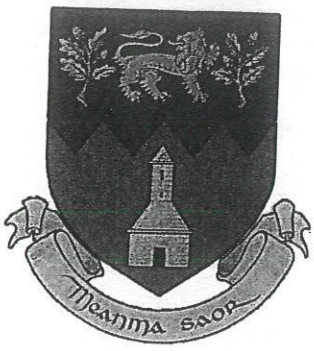
9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 27th March 2019.
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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 113

Local Authority: - Wicklow County Council

To: Wicklow Hospice Foundation,
Magheramore,
Wicklow,
Co. Wicklow

C/O: Eugene Bolton
Trinity Green
Clonfert
Maynooth
County Kildare

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 effluents from the premises of Wicklow Hospice Foundation at Wicklow Hospice, Magheramore, Wicklow, Co. Wicklow, to Groundwater, via percolation after appropriate treatment in a secondary wastewater treatment plant and further treatment in Ecoflo tertiary filters, with the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

1.1.1 This Licence shall be in respect of the discharge of sewage effluent from the premises of Wicklow Hospice Foundation at Wicklow Hospice, Magheramore, Wicklow, Co. Wicklow, to groundwater, via a 880m2 percolation area, after appropriate treatment in a Secondary & Tertiary Wastewater Treatment Plant designed to balance and treat the maximum and average organic and hydraulic wastewater load to the standards specified conditions 2.1 & 2.2 of this licence.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.4 The Licensee's wastewater treatment system shall be designed, 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 storage tanks for fuel and or chemicals shall be surrounded by a bund capable of retaining 110% of the volume of the largest single tank within the bunded area. The intake and outlet for the tanks shall be positioned inside the bund. Provision shall be made to remove and dispose of the rainwater so as to ensure the specified volume is always available within the bund. The bund shall be constructed and maintained by the Licensee to specifications agreed with the Licensing Authority.

1.6 The wastewater treatment system 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 wastewater treatment areas and to prevent any damage to the wastewater treatment system.

1.7 The wastewater treatment plant shall be located at the minimum separation distances from dwellings as set out in the EPA Code of Practice for small businesses and communities.

1.8 The wastewater from the kitchens shall be passed through a suitably sized grease removal unit designed in accordance with ISEN1825 Part I and Part 2. The sizing and installation of the grease removal unit shall be certified by a competent professional and submitted to the licensing authority for approval.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater 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 wastewater treatment plant shall not exceed **7.4 m^3/day**.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Final Discharge Compliance Standards and Licensee Monitoring Frequency

Parameter	Units	Emission Limit Value	Licensee Monitoring Frequency
pH	pH Units	6 to 9	Quarterly
$cBOD_5$	mg/l	25	Quarterly
COD	mg/l	125	Quarterly
Suspended Solids	mg/l	35	Quarterly
Total Ammoniacal	mg/l	10	Quarterly

Nitrogen (as N)			
Nitrate (as N)	mg/l	15	Quarterly
Nitrite (as N)	mg/l	1	Quarterly
Ortho-phosphate (as P)	mg/l	10	Quarterly

3. Wastewater Treatment

3.1 The wastewater treatment plant, pumping stations, infiltration area and distribution system shall be appropriately designed, sized and laid out with appropriate regard to the EPA Wastewater Treatment Manual Treatment 1999 (Systems for Small Communities, Business, Leisure Centres and Hotels), EPA Code of Practice 2009, and Manufacturer's instructions.

3.2 A certificate from a suitably qualified person (with professional indemnity insurance) shall be submitted to the licensing authority **within one month of installation**, stating that the above wastewater treatment system has been designed and installed as stipulated above. This shall include certification of the design and performance of all the components, including the treatment plant, dosing sump and pump, the length and diameter of any rising main, manifold and laterals, orifice diameter, orifice spacing, the volume and number of doses per day and filter construction. It shall also include photographic evidence of the components and their installation.

3.3 The wastewater treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

3.4 Treated effluent shall be distributed evenly over the entire soil polishing filter area.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within two months of the date of issue of the Licence, inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and

have responsibility, for the routine inspection and operation of the wastewater treatment plant including grease removal unit. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the wastewater treatment plant 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 wastewater 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 **renewed annually** 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 **four** visits by the consultant each year. A copy of each maintenance report shall be submitted to the Licensing Authority before the end of each calendar year as part of an annual report. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

4.3 The Licensee shall ensure that the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of wastewater 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 wastewater treatment plant.

4.4 The licensee shall ensure the percolation area and soil polishing filter are maintained in proper working order.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the treated effluent from the wastewater treatment plant. The sampling chambers shall be clearly labelled, and facilitate flow measurement, grab and composite sampling of the effluent.

(ii) Groundwater, up and down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available. All sample locations shall be labelled.

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

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 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 chambers after wastewater

treatment system and tested **Quarterly**, in respect of the parameters listed in Tables 1 above.

6.3 The Licensee shall arrange to have the following ambient samples tested **Annually** in respect of the parameters listed in Table 3 below:

Table 2. Ambient Compliance Sample Locations

Sample Location	ITM X coordinate	ITM Y Coordinate
Shallow-Groundwater borehole to 5m depth in bedrock, up-gradient of infiltration area	To be agreed with the Licensing Authority	
Shallow-Groundwater borehole to 5m depth in bedrock, down-gradient of infiltration area	To be agreed with the Licensing Authority	

Table 3 Ambient Compliance Monitoring Requirements and Required Units of Expression.

PARAMETER	**Unit of Expression**
pH	pH Unit
$cBOD_5$	mg/l
Conductivity	us/cm @20°C
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Chloride	mg/l
Nitrate	mg/l N
Nitrite	mg/l N
E. Coli	MPN/100ml

6.4 The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent or ambient sampling

where a pattern of full compliance with the licence conditions has become established.

6.5 Where the treatment plant does not perform satisfactorily, 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 (section 5.4.7).

6.6 The Licensee shall enter into a contract with an approved 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.

7. Sludge and Other Waste Disposal

7.1 The sludge and other waste material arising from the wastewater treatment plant shall be disposed of in accordance with the Waste Management (Use of Sewage Sludge in Agriculture) Regulations, 1998 to 2001 (SI No. 148 of 1998)(SI No. 267 of 2001), Waste Management (Permit) Regulations, 1998 (SI No. 165 of 1998) and any other relevant regulation as specified under the Waste Management Act, 1996.

8. Monitoring Records & Reports

8.1 Legible traceable records of all flow data, sludge removal, treatment plant maintenance, grease trap maintenance and monitoring data shall be kept on file at the premises.

8.2 The Licensee shall send electronic copies of compliance monitoring results of treated effluent and ambient samples to the Licensing Authority at **dischargelicences@wicklowcoco.ie** within one month of the period to which they relate.

8.3 Any non compliance with the emission limit values stipulated in condition 2.2, Table 1. shall be reported to the licensing Authority at **dischargelicences@wicklowcoco.ie** within 48hrs of becoming available to the licensee. The report shall describe the results of the

investigations into the cause of the non-compliance and what measures are proposed to correct the problem and in what timeframe.

8.4 The Licensee shall submit an electronic Annual Compliance Report to the Licensing Authority before the end of each calendar year to include all flow data, sludge removal certificates, treatment plant maintenance certificates, grease trap maintenance certificates, monitoring data, non compliance notifications and corrective actions taken. Paper copies of these records shall be submitted to the Licensing Authority upon request.

8.5 The records referred to in conditions 8.1, 8.2, 8.3 & 8.4 shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other Person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

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

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €662.29 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be reckoned on the initial sum of €662.29 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 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: Theresa OBrien

Theresa O'Brien,
Senior Executive Officer.
Planning, Development & Environment Section.

Date: 29/3/2019.

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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 114*

2: Name and address of the applicant: *Ballybeg Weddings Ltd., Ballybeg House, Ballinglen, Co. Wicklow.*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Domestic effluent*

7: Date of grant of licence: *May 2019*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 20th May 2019.
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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - **WPL 114**

Local Authority: - **Wicklow County Council**

To: **Ballybeg Weddings Limited,**
Ballybeg House,
Ballinglen,
Co. Wicklow

C/O: **Fergal Coyle**
F.J. Coyle & Associates
3 High Street
Monaghan
Co. Monaghan

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 effluents from the premises of Ballybeg Weddings Limited, at Ballybeg House, Ballinglen, Co. Wicklow, to Groundwater, via percolation after appropriate treatment, with the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

1.1.1 This Licence shall be in respect of the discharge of sewage effluent from the premises of Ballybeg Weddings Limited at Ballybeg House, Ballinglen, Co. Wicklow, to groundwater, via a 500m2 percolation area, after appropriate treatment in a Secondary Wastewater Treatment Plant.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.4 The Licensee's wastewater treatment system shall be designed, 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 storage tanks for fuel and or chemicals shall be surrounded by a bund capable of retaining 110% of the volume of the largest single tank within the bunded area. The intake and outlet for the tanks shall be positioned inside the bund. Provision shall be made to remove and dispose of the rainwater so as to ensure the specified volume is always available within the bund. The bund shall be constructed and maintained by the Licensee to specifications agreed with the Licensing Authority.

1.6 The wastewater treatment system 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 wastewater treatment areas and to prevent any damage to the wastewater treatment system.

1.7 The wastewater treatment plant shall be located at the minimum separation distances from dwellings as set out in the EPA Code of Practice for small businesses and communities.

1.8 The wastewater from the kitchens shall be passed through a suitably sized grease removal unit designed in accordance with ISEN1825 Part I and

Part 2. The sizing and installation of the grease removal unit shall be certified by a competent professional and submitted to the licensing authority for approval.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater 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 wastewater treatment plant shall not exceed **11.8 m^3/day**.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Final Discharge Compliance Standards and Licensee Monitoring Frequency

Parameter	Units	Emission Limit Value	Licensee Monitoring Frequency
pH	pH Units	6 to 9	Biannually
$cBOD_5$	mg/l	25	Biannually
COD	mg/l	125	Biannually
Suspended Solids	mg/l	35	Biannually
Total Ammoniacal Nitrogen (as N)	mg/l	12	Biannually
Nitrate (as N)	mg/l	15	Biannually
Nitrite (as N)	mg/l	1	Biannually
Ortho-phosphate (as P)	mg/l	5	Biannually

3. Wastewater Treatment

3.1 The wastewater treatment plant, pumping stations, infiltration area and distribution system shall be appropriately designed, sized and laid out with appropriate regard to the EPA Wastewater Treatment Manual Treatment 1999 (Systems for Small Communities, Business, Leisure Centres and Hotels), EPA Code of Practice 2009, and Manufacturer's instructions.

3.2 A certificate from a suitably qualified person (with professional indemnity insurance) shall be submitted to the licensing authority **within one month of installation**, stating that the above wastewater treatment system has been designed and installed as stipulated above.

3.3 The wastewater treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

3.4 Treated effluent shall be distributed evenly over the entire infiltration area.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within two months of the date of issue of the Licence, inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the wastewater treatment plant including grease removal unit. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the wastewater treatment plant 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 wastewater 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 **renewed annually** and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.

4.3 A copy of each maintenance report shall be submitted to the Licensing Authority before the end of each calendar year as part of an annual report.

4.3 The Licensee shall ensure that the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of wastewater 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 wastewater treatment plant.

4.4 The licensee shall ensure the treatment plant and infiltration area are maintained in proper working order.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the treated effluent from the wastewater treatment plant. The sampling chambers shall be clearly labelled, and facilitate flow measurement, grab and composite sampling of the effluent.

(ii) Groundwater, up and down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available. All sample locations shall be labelled.

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

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 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 chambers after wastewater treatment system and tested **Biannually**, in respect of the parameters listed in Tables 1 above.

6.3 The Licensee shall arrange to have the following ambient samples tested **Annually** in respect of the parameters listed in Table 3 below:

Table 2. Ambient Compliance Sample Locations

Sample Location A	Sample Location B
Ballybeg Drinking Water Well up-gradient of the wastewater discharge	Shallow-Groundwater borehole, down-gradient of infiltration area

Table 3. Ambient Compliance Monitoring Requirements and Required Units of Expression.

PARAMETER	Unit of Expression
pH	pH Unit
$cBOD_5$	mg/l
Conductivity	us/cm @20°C
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Chloride	mg/l
Nitrate	mg/l N
Nitrite	mg/l N
E. Coli	MPN/100ml

6.4 The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent or ambient sampling where a pattern of full compliance with the licence conditions has become established.

6.5 Where the treatment plant does not perform satisfactorily, 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 (section 5.4.7).

6.6 The Licensee shall enter into a contract with an approved 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.

7. Sludge and Other Waste Disposal

7.1 The sludge and other waste material arising from the wastewater treatment plant shall be disposed of in accordance with the Waste Management (Use of Sewage Sludge in Agriculture) Regulations, 1998 to 2001 (SI No. 148 of 1998)(SI No. 267 of 2001), Waste Management (Permit) Regulations, 1998 (SI No. 165 of 1998) and any other relevant regulation as specified under the Waste Management Act, 1996.

8. Monitoring Records & Reports

8.1 Legible traceable records of all flow data, sludge removal, treatment plant maintenance, grease trap maintenance and monitoring data shall be kept on file at the premises.

8.2 The Licensee shall send electronic copies of compliance monitoring results of treated effluent and ambient samples to the Licensing Authority at **dischargelicences@wicklowcoco.ie** within one month of the period to which they relate.

8.3 Any non compliance with the emission limit values stipulated in condition 2.2, Table 1. shall be reported to the licensing Authority at

dischargelicences@wicklowcoco.ie within 48hrs of becoming available to the licensee. The report shall describe the results of the investigations into the cause of the non-compliance and what measures are proposed to correct the problem and in what timeframe.

8.4 The Licensee shall submit an electronic Annual Compliance Report to the Licensing Authority before the end of each calendar year to include all flow data, sludge removal certificates, treatment plant maintenance certificates, grease trap maintenance certificates, monitoring data, non compliance notifications and corrective actions taken. Paper copies of these records shall be submitted to the Licensing Authority upon request.

8.5 The records referred to in conditions 8.1, 8.2, 8.3 & 8.4 shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other Person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

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

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €862.66 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be

reckoned on the initial sum of €862.66 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 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: Theresa O'Brien

Theresa O'Brien,
SENIOR EXECUTIVE OFFICER,
PLANNING, DEVELOPMENT & ENVIRONMENT.

Date: 29/5/2019.

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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 115*

2: Name and address of the applicant: *The Dunes Caravan Park, Brittas Bay, Co. Wicklow.*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Domestic effluent*

7: Date of grant of licence: *July 2019*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 22nd July 2019.
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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - **WPL 115**

Local Authority: - **Wicklow County Council**

To: **Silverstrand Caravan Park Limited,**
Dunbur Upper,
Dunbur,
Co. Wicklow

C/O: **Liam Kenna,**
Moneystown,
Roundwood,
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 effluents from the premises of Silverstrand Caravan Park Limited located at The Dunes Caravan Park, Brittas Bay, Co. Wicklow, to Groundwater, via percolation after appropriate treatment in a secondary wastewater treatment plant, subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

1.1.1 This Licence shall be in respect of the discharge of sewage effluent from the premises of Silverstrand Caravan Park Limited at The Dunes Caravan Park, Brittas Bay, Co. Wicklow, to groundwater, via an appropriately sized tertiary treatment system, after appropriate treatment in a Bivlet Secondary Wastewater Treatment Plant to the standards specified conditions 2.1 & 2.2 of this licence.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.4 The Licensee's wastewater treatment system shall be designed, operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.

1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.

1.6 The wastewater treatment system 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 wastewater treatment areas and to prevent any damage to the wastewater treatment system.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater 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 wastewater treatment plant shall not exceed **8.55 m^3/day**.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Final Discharge Standards and Monitoring Frequency

Parameter	Units	Emission Limit Value	Frequency
pH	pH Units	6 to 9	Monthly from June to September
$cBOD_5$	mg/l	25	Monthly from June to September
COD	mg/l	125	Monthly from June to September
Suspended Solids	mg/l	35	Monthly from June to September
Total Ammoniacal Nitrogen (as N)	mg/l	10	Monthly from June to September
Nitrate (as N)	mg/l	15	Monthly from June to September
Nitrite (as N)	mg/l	1	Monthly from June to September
Ortho-phosphate (as P)	mg/l	10	Monthly from June to September

3. Wastewater Treatment

3.1 The wastewater treatment plant, pumping stations, infiltration area and distribution system shall be appropriately designed, sized and laid out with appropriate regard to the EPA Wastewater Treatment Manual Treatment 1999 (Systems for Small Communities, Business, Leisure Centres and Hotels), EPA Code of Practice 2009, and Manufacturer's instructions. In particular for the infiltration area, a suitably desogmed tertoaru [p;osjomg fo;ter om accprdamce wotj EPA Code of Practice 2009 rather than a soak-away shall be installed to treat and dispose of the effluent from the secondary treatment plant within one year of the date of the issue of the Licence. The location, design and sizing of the tertiary polishing filter shall be agreed in writing with Licensing Authority before installation commences

3.2 A certificate from a suitably qualified person (with professional indemnity insurance) shall be submitted to the licensing authority **within one month of installation**, stating that the above wastewater treatment

system has been designed and installed as stipulated above. This shall include certification of the design and performance of all the components, including the treatment plant, dosing sump and pump, the length and diameter of any rising main, manifold and laterals, orifice diameter, orifice spacing, the volume and number of doses per day and filter construction. It shall also include photographic evidence of the components and their installation.

3.3 The wastewater treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

3.4 Treated effluent shall be distributed evenly over the entire infiltration area.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within two months of the date of issue of the Licence, inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the wastewater treatment plant including grease removal unit. 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 wastewater 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 **renewed every year** 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 **one visit 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. The Licensee shall submit electronic copies of the maintenance report to the Licensing Authority at dischargelicences@wicklowcoco.ie within two weeks of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

4.3 The Licensee shall ensure that the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of wastewater 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 wastewater treatment plant.

4.4 The licensee shall ensure the infiltration area is maintained in proper working order.

4.5 A log of the inspection and operation of the wastewater treatment plant shall be kept on file and made available for inspection by licensing authority upon request.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the treated effluent from the wastewater treatment plant. The sampling chambers shall be labelled, and facilitate flow measurement, and grab and composite sampling of the effluent.

(ii) Groundwater, up and down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available. All sample locations shall be labelled.

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

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 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 chambers after wastewater treatment system and tested **monthly between June & September**, in respect of the parameters listed in Tables 1 above.

6.3 The Licensee shall arrange to have the following ambient samples tested **twice per year** in respect of the parameters listed in Table 3 below:

Table 2. Ambient Sample Locations

Sample Location	ITM X coordinate	ITM Y Coordinate

Shallow-Groundwater borehole down-gradient of infiltration area	730667	683358

Table 3 Ambient Monitoring requirements

PARAMETER	Unit of Expression
pH	pH Unit
$cBOD_5$	mg/l
Conductivity	us/cm @20°C
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Chloride	mg/l
Nitrate	mg/l N
Nitrite	mg/l N
E. Coli	MPN/100ml

6.4 The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent or ambient sampling where a pattern of full compliance with the licence conditions has become established.

6.5 Where the treatment plant does not perform satisfactorily, 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).

6.6 The Licensee shall enter into a contract with an approved 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.

7. Sludge and Other Waste Disposal

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

8. Monitoring Records

8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be kept on file at the premises. The Licensee shall arrange with their contract laboratory to send electronic copies of the analytical records to the Licensing Authority at dischargelicences@wicklowcoco.ie one month of the period to which they relate. The Licensee shall send electronic copies of the flow records to the Licensing Authority within one month of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

8.2 The Licensee shall maintain legible traceable records of sludge removal and other waste material from the wastewater treatment plant and logs of the inspection and operation of the 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 wastewater treatment plant, sample locations and drainage systems at all reasonable times including if necessary, times other than normal working hours.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €838.46 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be reckoned on the initial sum of €838.46 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 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: Theresa Obe

THERESA O'BRIEN,
SENIOR EXECUTIVE OFFICER,
PLANNING, DEVELOPMENT & ENVIRONMENT.

Date: 25/7/2019.

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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

LICENCE TO DISCHARGE TRADE AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - **WPL 115**

Local Authority: - **Wicklow County Council**

To: **Silverstrand Caravan Park Limited,**
Dunbur Upper,
Dunbur,
Co. Wicklow

C/O: **Liam Kenna,**
Moneystown,
Roundwood,
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 effluents from the premises of Silverstrand Caravan Park Limited located at The Dunes Caravan Park, Brittas Bay, Co. Wicklow, to Groundwater, via percolation after appropriate treatment in a secondary wastewater treatment plant, subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

1.1.1 This Licence shall be in respect of the discharge of sewage effluent from the premises of Silverstrand Caravan Park Limited at The Dunes Caravan Park, Brittas Bay, Co. Wicklow, to groundwater, via an appropriately sized tertiary treatment system, after appropriate treatment in a Bivlet Secondary Wastewater Treatment Plant to the standards specified conditions 2.1 & 2.2 of this licence.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.4 The Licensee's wastewater treatment system shall be designed, operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.

1.5 All oil storage tanks located above ground shall be provided with an adequately designed bund system complete with impervious base. Filling and off-take points shall be located within the bund system.

1.6 The wastewater treatment system 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 wastewater treatment areas and to prevent any damage to the wastewater treatment system.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater 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 wastewater treatment plant shall not exceed **8.55 m^3/day**.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Final Discharge Standards and Monitoring Frequency

Parameter	Units	Emission Limit Value	Frequency
pH	pH Units	6 to 9	Monthly from June to September
$cBOD_5$	mg/l	25	Monthly from June to September
COD	mg/l	125	Monthly from June to September
Suspended Solids	mg/l	35	Monthly from June to September
Total Ammoniacal Nitrogen (as N)	mg/l	10	Monthly from June to September
Nitrate (as N)	mg/l	15	Monthly from June to September
Nitrite (as N)	mg/l	1	Monthly from June to September
Ortho-phosphate (as P)	mg/l	10	Monthly from June to September

3. Wastewater Treatment

3.1 The wastewater treatment plant, pumping stations, infiltration area and distribution system shall be appropriately designed, sized and laid out with appropriate regard to the EPA Wastewater Treatment Manual Treatment 1999 (Systems for Small Communities, Business, Leisure Centres and Hotels), EPA Code of Practice 2009, and Manufacturer's instructions. In particular for the infiltration area, a suitably desogmed tertoaru [p;osjomg fo;ter om accprdamce wotj EPA Code of Practice 2009 rather than a soak-away shall be installed to treat and dispose of the effluent from the secondary treatment plant within one year of the date of the issue of the Licence. The location, design and sizing of the tertiary polishing filter shall be agreed in writing with Licensing Authority before installation commences

3.2 A certificate from a suitably qualified person (with professional indemnity insurance) shall be submitted to the licensing authority **within one month of installation**, stating that the above wastewater treatment

system has been designed and installed as stipulated above. This shall include certification of the design and performance of all the components, including the treatment plant, dosing sump and pump, the length and diameter of any rising main, manifold and laterals, orifice diameter, orifice spacing, the volume and number of doses per day and filter construction. It shall also include photographic evidence of the components and their installation.

3.3 The wastewater treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

3.4 Treated effluent shall be distributed evenly over the entire infiltration area.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within two months of the date of issue of the Licence, inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the wastewater treatment plant including grease removal unit. 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 wastewater 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 **renewed every year** 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 **one visit 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. The Licensee shall submit electronic copies of the maintenance report to the Licensing Authority at dischargelicences@wicklowcoco.ie within two weeks of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

4.3 The Licensee shall ensure that the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of wastewater 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 wastewater treatment plant.

4.4 The licensee shall ensure the infiltration area is maintained in proper working order.

4.5 A log of the inspection and operation of the wastewater treatment plant shall be kept on file and made available for inspection by licensing authority upon request.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the treated effluent from the wastewater treatment plant. The sampling chambers shall be labelled, and facilitate flow measurement, and grab and composite sampling of the effluent.

(ii) Groundwater, up and down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available. All sample locations shall be labelled.

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

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 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 chambers after wastewater treatment system and tested **monthly between June & September**, in respect of the parameters listed in Tables 1 above.

6.3 The Licensee shall arrange to have the following ambient samples tested **twice per year** in respect of the parameters listed in Table 3 below:

Table 2. Ambient Sample Locations

Sample Location	ITM X coordinate	ITM Y Coordinate

Shallow-Groundwater borehole down-gradient of infiltration area	730667	683358

Table 3 Ambient Monitoring requirements

PARAMETER	Unit of Expression
pH	pH Unit
$cBOD_5$	mg/l
Conductivity	us/cm @20°C
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Chloride	mg/l
Nitrate	mg/l N
Nitrite	mg/l N
E. Coli	MPN/100ml

6.4 The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent or ambient sampling where a pattern of full compliance with the licence conditions has become established.

6.5 Where the treatment plant does not perform satisfactorily, 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).

6.6 The Licensee shall enter into a contract with an approved 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.

7. Sludge and Other Waste Disposal

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

8. Monitoring Records

8.1 Legible traceable records of all flow and analytical data (with appropriate units shown) referred to in condition 6 (the monitoring regime) shall be kept on file at the premises. The Licensee shall arrange with their contract laboratory to send electronic copies of the analytical records to the Licensing Authority at dischargelicences@wicklowcoco.ie one month of the period to which they relate. The Licensee shall send electronic copies of the flow records to the Licensing Authority within one month of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

8.2 The Licensee shall maintain legible traceable records of sludge removal and other waste material from the wastewater treatment plant and logs of the inspection and operation of the 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 wastewater treatment plant, sample locations and drainage systems at all reasonable times including if necessary, times other than normal working hours.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €838.46 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be reckoned on the initial sum of €838.46 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 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: Theresa O'Brien

THERESA O'BRIEN,
SENIOR EXECUTIVE OFFICER,
PLANNING, DEVELOPMENT & ENVIRONMENT.

Date: 25/7/2019.

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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 116*

2: Name and address of the applicant: *Kilsaran Concrete t/a Kilsaran Build, Ballinclare Quarry, Ballinclare, Carrigmore, Kilbride, Co. Wicklow.*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Trade effluent.*

7: Date of grant of licence: *October 2019*

8: Conditions attached to licence: *1 – 11.4 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 30th October, 2019.
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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - **WPL 116**

Local Authority: - **Wicklow County Council**

To: **Kilsaran Concrete T/a Kilsaran Build**
Piercetown
Dunboyne
Co. Meath

C/O: **SLR Consulting**
7 Dundrum Business Park
Windy Arbour
D14 N2Y7

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977 - 1990, hereby grants a licence to discharge trade effluents from the premises of Kilsaran Concrete T/a Kilsaran Build at Ballinclare Quarry, Ballinclare, Carrigmore, Kilbride, Co. Wicklow, to Surface Water, after appropriate treatment, subject to the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

1.1 This Licence shall be in respect of the discharge of treated quarry effluent from the premises of **Kilsaran Concrete t/a Kilsaran Build at**

Ballinclare Quarry, Ballinclare, Carrigmore, Kilbride, Co. Wicklow, to the Ballinclare Stream, a tributary of the Potters River, at X325003, Y189167, after appropriate treatment.

1.2 The Licensee's wastewater treatment system shall be designed, 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.

1.3 Any oil or chemical 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.

1.4 The wastewater treatment system areas shall be maintained in a tidy and safe condition. No nuisance odours or noise from the treatment system shall be allowed at sensitive locations. Adequate precautions shall be made to prevent unauthorised access to the wastewater treatment areas and to prevent any damage to the wastewater treatment system.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater treatment plant shall be discharged between the hours of 6:00am and 6:00pm, 7 days a week, until a history of compliance is established. The effluent may then, with the approval of the Licensing Authority, be discharged over a 24-hour period, 7 days a week. The total volume of the treated effluent discharged from the wastewater treatment plant shall not exceed 1,728 m^3/day or 72m3/hr.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Final Discharge Standards and Monitoring Frequency

Parameter	Units	Emission Limit Value	Emission Limit Load	Frequency	Sample Type
pH	pH Units	6 to 9		Daily	Grab
$cBOD_5$	mg/l	2	3.46 kg/day	Daily	24 hr Composite
COD	mg/l	10	17.3 kg/day	Daily	24 hr Composite
Suspended Solids	mg/l	10	17.3 kg/day	Daily	24 hr Composite
Ammonia (N)	mg/l	0.06	0.103 kg/day	Daily	24 hr Composite
Nitrate (N)	mg/l	3	5.18 kg/day	Weekly	24 hr Composite
Nitrite (N)	mg/l	0.014	0.026 kg/day	Weekly	24 hr Composite
Ortho-Phosphate (P)	mg/l	0.04	0.069 kg/day	Daily	24 hr Composite
Chloride	mg/l	50	86 kg/day	Weekly	24 hr Composite
Sulphate	mg/l	100	172 kg/day	Weekly	24 hr Composite
Arsenic (dissolved)	ug/l	7.0	12 g/day	Daily	24 hr Composite
Cadmium (dissolved)	ug/l	0.057	0.098 g/day	Weekly	24 hr Composite
Chromium (total)	ug/l	1.4	1.98 g/day	Weekly	24 hr Composite
Lead (dissolved)	ug/l	0.2	1.98 g/day	Weekly	24 hr Composite
Mercury (dissolved)	ug/l	0.034	0.059 g/day	Weekly	24 hr Composite
Nickel (dissolved)	ug/l	3.216	5.56 g/day	Weekly	24 hr Composite
Zinc	ug/l	20	34.5 g/day	Weekly	24 hr Composite
Asbestos (dissolved)	MF/l	5	8,640 MF/day	Weekly	24 hr Composite

2.3 There shall be no discharge when flow in the river is lower than the 95%ile flow, or when the river is in flood to the extent that it is likely to overspill its riverbanks.

2.4 In the event that the effluent does not meet the conditions in Table 1, the effluent shall be diverted back to the quarry sump.

2.5 Regular measurements of Arsenic, Orthophosphate and Ammonia shall be made throughout each day using a portable testing kit and all results recorded and submitted to the licensing Authority electronically weekly at **dischargelicences@wicklowcoco.ie**. Certified standards at a concentration of the licence limits shall be used to check the performance of the portable testing kits daily. The portable test kit results shall also be compared to the daily certified test results.

3. Wastewater Treatment

3.1 The wastewater treatment plant shall be appropriately designed, sized and laid out as per licence application and with appropriate regard to the treatment standards contained within this licence.

3.2 A certificate from a suitably qualified person (with professional indemnity insurance) shall be submitted to the licensing authority, stating that the above wastewater treatment system has been designed and installed as stipulated above. This shall include certification of the design and performance of all the components, including the treatment plant, any dosing sump and pump, the length and diameter of any rising main and any associated plant. It shall also include photographic evidence of the components and their installation.

3.3 Before commencement of the initial discharge to the Ballinclare Stream, the effluent from the wastewater treatment plant shall be returned to the quarry sump for at least one week to allow the licensee to demonstrate that the effluent standards stipulated in Table 1 Condition 2.2 are being consistently achieved.

3.4 In advance of the discharge commencing or resuming following suspension. The Licensee shall submit compliance reports for approval of the licensing authority.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within one month of the date of issue of the Licence, inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the wastewater treatment plant. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the wastewater treatment plant 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 wastewater treatment plant, on a contractual basis for the term of the discharge licence. The contract shall provide for an emergency call-out service in the event of breakdown of the treatment plant.

4.3 A copy of each maintenance report shall be submitted to the Licensing Authority within one month of the date of the report becoming available. The Licensee shall submit electronic copies of the maintenance report to the Licensing Authority at dischargelicences@wicklowcoco.ie within two weeks of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

4.3 The Licensee shall ensure that the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of wastewater 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 wastewater treatment plant.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the effluent from (a) the wastewater treatment plant and (b) the discharge location. The sampling chambers shall be labelled and facilitate flow measurement, grab and composite sampling of the effluent.

(ii) Receiving Water - Up-stream & down-stream of discharge: Safe access to the ambient sampling locations upstream and downstream of the discharge shall be made available. All sample locations shall be labelled.

5.2 The sampling locations upstream and downstream of the discharge shall be agreed with the Licensing Authority prior to initial Discharge.

6. Monitoring Regime

6.1 The Licensee shall install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily and hourly discharge volumes.

6.2 A certificate of calibration for the flow-measuring 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.

6.3 The Licensee shall arrange to have representative samples of the treated effluent taken from the sampling chamber after wastewater treatment system and tested **at the frequency stipulated in Table 1 in condition 2.2**, in respect of the parameters listed in Table 1.

6.4 The Licensee shall install a composite sampler to provide daily composite samples of the final effluent for analysis.

6.5 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.

6.6 Where the treatment plant does not perform satisfactorily, monitoring of influent and process wastewater shall also be carried out to improve the process.

6.7 The Licensee shall enter into a contract with an approved 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.

6.8 The Licensee shall arrange to have the receiving water sampled at suitable locations up-stream and down-stream of the discharge point, during normal discharge, in respect of the parameters listed in **Table 2** to check for compliance with the Surface Water Regulation SI 272 of 2009.

Table 2. Receiving Water Monitoring Requirements

Parameter	Units	Frequency	Sample Type
pH	pH Units	Daily	Grab
Dissolved Oxygen	%	Daily	Grab
$cBOD_5$	mg/l	Daily	Grab
COD	mg/l	Daily	Grab
Suspended Solids	mg/l	Daily	Grab
Ammonia (N)	mg/l	Daily	Grab
Nitrate (N)	mg/l	Weekly	Grab
Nitrite (N)	mg/l	Weekly	Grab
Ortho-phosphate (P)	mg/l	Daily	Grab
Chloride	mg/L	Weekly	Grab
Sulphate	mg/L	Weekly	Grab
Arsenic (dissolved)	ug/l	Daily	Grab
Cadmium (dissolved)	ug/l	Weekly	Grab
Chromium (total)	ug/l	Weekly	Grab
Lead (dissolved)	ug/l	Weekly	Grab
Mercury (dissolved)	ug/l	Weekly	Grab
Nickel (dissolved)	ug/l	Weekly	Grab
Zinc (dissolved)	ug/l	Weekly	Grab
Asbestos	MF/l*	Weekly	Grab
Invertebrates	Q-value	Monthly	Kick Sample

*MF/L refers to Million Fibres per Litre

7. Sludge and Other Waste Disposal

7.1 The sludge and other waste material arising from the wastewater treatment plant shall be disposed of in accordance with the appropriate Waste Management Regulations as specified under the Waste Management Act, 1996 as amended. 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 at **dischargelicences@wicklowcoco.ie** one month of the period to which they relate. The Licensee shall send electronic copies of the flow records to the Licensing Authority within one month of the period to which they relate. Paper copies of these records shall also be submitted to the Licensing Authority upon request.

8.2 The Licensee shall maintain legible traceable records and receipts of sludge removal and other waste material from the wastewater treatment plant and logs of the inspection and operation of the 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 wastewater treatment plant, sample locations and drainage systems at all reasonable times including if necessary, times other than normal working hours.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand a contribution fee of €3027.81 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be reckoned on the initial sum of €3027.81 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 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 breaches in discharge limits by telephone at 0404-20236 and email at **dischargelicences@wicklowcoco.ie** without delay.

11.4 The Licensee shall notify the Licensing Authority as above, 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: Theresa O'Brien

THERESA O'BRIEN,
SENIOR EXECUTIVE OFFICER,
PLANNING, DEVELOPMENT & ENVIRONMENT.

Date: 1st November 2019

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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 117*

2: Name and address of the applicant: *Hussein and Janette Ali Ltd., Aisling Nursing Home, Seabank, Sea Road, Arklow, Co. Wicklow X14 X670.*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Trade effluent.*

7: Date of grant of licence: *April 2020*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. ***Date: 27th April, 2020.***

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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 117

Local Authority: - Wicklow County Council

To: Hussein & Janette Ali Limited,
Seabank,
Sea Road,
Arklow
Co. Wicklow
X14 X670

C/O: Aqua Geoservices Limited
Wavecrest House
Greenhill Road
Wicklow Town
Co. Wicklow
A67 X236

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977 - 1990, hereby grants review of a licence to discharge sewage effluents from the premises of Hussein & Janette Ali Limited, at Aisling House Nursing Home, Seabank, Sea Road, Arklow, Co. Wicklow, to Groundwater, via a sand polishing filter after appropriate treatment, with 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 Hussein & Janette Ali Limited, at Aisling House Nursing Home, Seabank, Sea Road, Arklow, Co. Wicklow, to groundwater, via a sand polishing filter, after appropriate treatment in a Secondary Wastewater Treatment Plant.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.4 The Licensee's wastewater treatment system shall be designed, 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 storage tanks for fuel and or chemicals shall be surrounded by a bund capable of retaining 110% of the volume of the largest single tank within the bunded area. The intake and outlet for the tanks shall be positioned inside the bund. Provision shall be made to remove and dispose of the rainwater so as to ensure the specified volume is always available within the bund. The bund shall be constructed and maintained by the Licensee to specifications agreed with the Licensing Authority.

1.6 The wastewater treatment system 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 wastewater treatment areas and to prevent any damage to the wastewater treatment system.

1.7 A grease 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 and cleaned and maintained as required to ensure its proper operation.

1.8 Where there is a complete or partial change in the ownership of the premises to which the licence relates, the responsibility to comply with the conditions attached to the licence shall transfer pro-rata to the new owners.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater 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 wastewater treatment plant shall not exceed **12.5 m^3/day**.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Final Discharge Compliance Standards and Licensee Monitoring Frequency

Parameter	Units	Emission Limit Value	Licensee Monitoring Frequency
pH	pH Units	6 to 9	Biannually
Temperature	mg/l	25	Biannually
$cBOD_5$	mg/l	25	Biannually

COD	mg/l	125	Biannually
Suspended Solids	mg/l	30	Biannually
Total Ammoniacal Nitrogen (as N)	mg/l	10	Biannually
Nitrate (as N)	mg/l	15	Biannually
Ortho-phosphate (as P)	mg/l	10	Biannually
Detergents	mg/l	1	Biannually

3. Wastewater Treatment

3.1 The wastewater treatment plant, pumping stations, infiltration area and distribution system shall be appropriately designed, sized and laid out with appropriate regard to the EPA Wastewater Treatment Manual Treatment 1999 (Systems for Small Communities, Business, Leisure Centres and Hotels), EPA Code of Practice 2009, and Manufacturer's instructions.

3.2 A certificate from a suitably qualified person (with professional indemnity insurance) shall be submitted to the licensing authority **within one month of installation**, stating that the above wastewater treatment system has been designed and installed as stipulated above.

3.3 The wastewater treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

3.4 Treated effluent shall be distributed evenly over the entire infiltration area.

4. Treatment Plant Maintenance

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

inspection and operation of the wastewater treatment plant 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 wastewater 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 **renewed annually** 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 before the end of each calendar year as part of an annual report.

4.4 The Licensee shall ensure that the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of wastewater 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 wastewater treatment plant.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the treated effluent from the wastewater treatment plant. The sampling chambers shall be clearly labelled, and facilitate flow measurement, grab and composite sampling of the effluent.

(ii) Groundwater, up and down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available. All sample locations shall be labelled.

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

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 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 chambers after wastewater treatment system and tested **Biannually**, in respect of the parameters listed in Tables 1 above.

In addition the Licensee shall arrange to have the groundwater up and down gradient of the wastewater discharge tested **Annually** in respect of the parameters listed in Table 3 below:

Table 2. Ambient Compliance Monitoring Requirements and Required Units of Expression.

PARAMETER	Unit of Expression
pH	pH Unit
$cBOD_5$	mg/l
Conductivity	us/cm @20°C
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Chloride	mg/l
Nitrate	mg/l N
Nitrite	mg/l N
E. Coli	MPN/100ml

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 a time the results show that the non-compliance has been controlled. 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 (section 5.4.7). The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent or ambient sampling where a pattern of full compliance with the licence conditions has become established.

6.4 The Licensee shall enter into a contract with an approved 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 wastewater treatment plant shall be disposed of in accordance with the Waste Management (Use of Sewage Sludge in Agriculture) Regulations, 1998 to 2001 (SI No. 148 of 1998)(SI No. 267 of 2001), Waste Management

(Permit) Regulations, 1998 (SI No. 165 of 1998) and any other relevant regulation as specified under the Waste Management Act, 1996.

8. Monitoring Records & Reports

8.1 Legible traceable records of all flow data, sludge removal, treatment plant maintenance, grease trap maintenance and monitoring data shall be kept on file at the premises.

8.2 The Licensee shall send electronic copies of compliance monitoring results of treated effluent and ambient samples to the Licensing Authority at **dischargelicences@wicklowcoco.ie** within one month of the period to which they relate.

8.3 Any non compliance with the emission limit values stipulated in condition 2.2, Table 1. shall be reported to the licensing Authority at **dischargelicences@wicklowcoco.ie** within 48hrs of becoming available to the licensee. The report shall describe the results of the investigations into the cause of the non-compliance and what measures are proposed to correct the problem and in what timeframe.

8.4 The Licensee shall submit an electronic Annual Compliance Report to the Licensing Authority before the end of each calendar year to include all flow data, sludge removal certificates, treatment plant maintenance certificates, grease trap maintenance certificates, monitoring data, non compliance notifications and corrective actions taken. Paper copies of these records shall be submitted to the Licensing Authority upon request.

8.5 The records referred to in conditions 8.1, 8.2, 8.3 & 8.4 shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other Person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

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

9.2 At least one person from the emergency contacts for the premises shall be contactable at all times.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €862.66 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be reckoned on the initial sum of €862.66 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 & 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: Theresa OBrien

Theresa O'Brien,
SENIOR EXECUTIVE OFFICER,
PLANNING, DEVELOPMENT & ENVIRONMENT.

Date: 12th May 2023

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

Table of Amendments to Original Licence Following Review

Cond	Change from Original Licence Condition	Reason
1.1	Alteration to company name	To take account of updated information supplied with application
1.5	Addition of a requirement to dispose of rainwater from any oil bunds	To allow for collection of sufficient volume in the bund should an oil leak occur.
2.1	Daily discharge volume increase to 12.5m3	To take account of extension to nursing home and on foot of assimilative capacity assessment for groundwater.
2.2	Addition of effluent monitoring frequency	To simplify effluent monitoring

	requirements to Table 1.	requirement into one table.
2.2	Deletion of requirement to monitor Fats Oils and Grease in Effluent	Condition already in place to maintain grease trap.
2.2	Increase in the Emission Limit Value for BOD	To take account of assimilative capacity checks
3.1	Altered requirement for treatment system layout to comply with EPA COP 2009 and EPA Wastewater Treatment Manual for Small Businesses	For clarity
3.1	Removal of requirement to submit proposals to remedy any ponding of percolation area	Percolation area replaced with sand polishing filter.
5.1	Addition of a requirement for new sampling location sup and down gradient of the effluent discharge.	To monitor any impact on groundwater below the discharge
5.1	Addition of requirement to label all sampling locations	To clarify sampling location for samplers
5.1	Removal of requirement to provide access at all times	Already required in Condition 9.1
6.2	Removal of Table 2 referring to effluent monitoring frequency	Included in Table 1 instead for reasons of clarity
6.2	Addition of a requirement to sample groundwater up and down gradient of the effluent discharge	To monitor any impact on groundwater below the discharge
8.1	Consolidate condition 8.2 into condition 8.1	For clarity
8.1	Deletion of requirement for licensee to require contract lab to submit results to the Licensing Authority	Licensee is required to submit results in condition 8.2
8.2	New specific condition requiring Licensee to submit monitoring results electronically	For Clarity
8.3	New condition requiring reporting of any non-compliances to the Licensing Authority	To ensure remedial actions are initiated by licensee within reasonable timeframes
8.4	New condition requiring licensee to submit an annual compliance report to the Licensing Authority	To allow licensing Authority assess trends and overall compliance
8.5	Re-insertion of Condition 3 from original licence requiring Licensee to make all records available to Licensing Authority	To take account of new conditions 8.3 & 8.4
9.2	Deletion of requirement for submission of Licensee emergency contact details	Already required in condition 4.1
10.1	Change to annual monitoring fee	To reflect additional monitoring requirements included in the review

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 118*

2: Name and address of the applicant: *HSE, Newcastle Hospital, Killadreenan, Newtownmountkennedy, Co. Wicklow*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Trade effluent.*

7: Date of grant of licence: *January 2021*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 19th January, 2021.
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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 118

Local Authority: - Wicklow County Council

To: The Health Service Executive,
The HSE Estates Office
Bridge House
Cherry Orchard Hospital
Dublin 10
D10 KO33

C/O: Verde Environmental Consultants Limited
E7 Network Enterprise Park
Kilcoole
Co. Wicklow
A63 KV04

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977 - 1990, hereby grants a licence to discharge groundwater from the premises belonging to The Health Service Executive at Newcastle Hospital, Killadreenan, Newtownmountkennedy, Co. Wicklow, to Groundwater, via a soak hole after appropriate treatment to remove hydrocarbon contamination, with the following conditions: -

LICENCE CONDITIONS

1. General Layout and Operation

1.1 This Licence shall be in respect of the discharge of groundwater from the premises of Newcastle Hospital, Killadreenan, Newtownmountkennedy, Co. Wicklow, to groundwater, via a soak hole, after appropriate treatment in a treatment plant to remove hydrocarbon contamination, **for a period of 2 years** from the date of the issue of this licence.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 The Licensee's hydrocarbon removal treatment system shall be designed, operated and maintained in such manner as to ensure that the discharge of treated groundwater is in accordance with the volume and parametric limits set out in Conditions 2.1 and 2.2.

1.4 The treatment system areas shall be maintained in a tidy and safe condition and no offensive odours or nuisances shall be allowed to persist in the vicinity of these areas.

1.5 Adequate precautions shall be made to prevent unauthorised access to the wastewater treatment areas and to prevent any damage to the wastewater treatment system.

2. Effluent Volume and Characteristics

2.1 The total volume of the treated groundwater discharged from the treatment plant shall not exceed **50 m^3/day**.

2.2 The final treated effluent discharged from the treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Final Discharge Compliance Standards and Licensee Monitoring Frequency

Parameter	Units	Emission Limit Value	Licensee Monitoring Frequency
pH	pH Units	6 to 9	Weekly
Total Hydrocarbons	ug/l	10	Weekly
Visual Observation	Qualitative	No oily sheen	Weekly
Odorous Observation	Qualitative	No oily odour	Weekly
Newcastle Stream Visual Inspection	Qualitative	No oily sheen	Weekly

3. Treatment System

3.1 The infiltration area shall be appropriately designed, sized and laid out to ensure adequate infiltration of treated groundwater back to groundwater on the site.

3.3 The treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within 1 week of the date of issue of the Licence, 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 treatment plant. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the treated effluent from the wastewater treatment plant. The sampling chambers shall be clearly labelled, and facilitate flow measurement, grab and composite sampling of the effluent.

(ii) Groundwater, up and down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available. All sample locations shall be labelled.

6. Monitoring Regime

6.1 The Licensee shall install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

6.2 A certificate of calibration for the flow-measuring shall be forwarded to the Licensing Authority within one months of the date of issue of this Licence.

6.3 The Licensee shall arrange to have representative samples of the treated effluent taken from the sampling chambers after treatment system and tested **weekly**, in respect of the parameters listed in Tables 1 above.

6.4 The Licensee shall arrange to have the groundwater up and down gradient of the treated discharge tested **Monthly** in respect of the parameters listed in Table 3 below:

Table 2. Ambient Compliance Monitoring Requirements

PARAMETER	Unit of Expression
pH	pH Unit
Total Hydrocarbon	ug/l
Toluene	ug/l
m/p -Xylene	ug/l
o – Xylene	ug/l

	Benzene	ug/l
	Polycyclic Aromatic Compounds	ug/l

6.5 The Licensee shall use an accredited laboratory to ensure that the treated effluent samples are tested in accordance with conditions 2.2 6.2 and 6.3

7. Waste Disposal

7.1 The recovered hydrocarbon and any other waste material arising from the treatment plant shall be disposed of in accordance with the Regulations using an authorised contractor.

8. Monitoring Records & Reports

8.1 Legible traceable records of all flow data, hydrocarbon removal, treatment plant maintenance, waste removal receipts and monitoring data shall be kept on file at the premises.

8.2 The Licensee shall send electronic copies of compliance monitoring results of treated effluent and ambient samples to the Licensing Authority at **dischargelicences@wicklowcoco.ie** as they become available.

8.3 Any non compliance with the emission limit values stipulated in condition 2.2, Table 1. shall be reported to the licensing Authority at **dischargelicences@wicklowcoco.ie** within 24hrs of becoming available to the licensee. The report shall describe the results of the investigations into the cause of the non-compliance and what measures are proposed to correct the problem and in what timeframe.

8.4 The Licensee shall submit an electronic **Annual Compliance Report** to the Licensing Authority before the end of each calendar year to include all flow data, sludge removal certificates, treatment plant maintenance certificates, waste removal certificates, monitoring data, non compliance

notifications and corrective actions taken. Paper copies of these records shall be submitted to the Licensing Authority upon request.

8.5 The records referred to in conditions 8.1, 8.2, 8.3 & 8.4 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 & Emergency Response

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

9.2 At least one person from the emergency contacts for the premises shall be contactable at all times.

9.3 The treatment system shall be operated as per the Emergency Response specification in Section 3 of the additional information supplied with the application.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an **annual contribution fee of €1,164** to the Licensing Authority's (Wicklow County Council). The subsequent annual contribution fees shall be reckoned on the initial sum of €1,164 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 & 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: Theresa OBrien

Theresa O'Brien,
SENIOR EXECUTIVE OFFICER,
PLANNING, DEVELOPMENT & ENVIRONMENT.

Date: 20/1/2021.

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable.

Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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 119*

2: Name and address of the applicant: *Kennack Ltd, t/a Tulfarris Hotel & Golf Resort, Tulfarris, Blessington, Co. Wicklow. W91 EE95.*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Trade effluent.*

7: Date of grant of licence: JUNE ~~January~~ *2021*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 16th June, 2021.
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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - WPL 119

Local Authority: - Wicklow County Council

To: Kennack Limited,
T/A Tulfarris Hotel & Golf Resort
Tulfarris
Blessington
Co. Wicklow
W91 EE95

C/O: IE Consulting
Innovation Centre
Green Road
Carlow
R93 W248

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977 - 1990, hereby grants review of a licence to discharge sewage effluents from the premises of Kennack Limited, at Tulfarris Hotel & Golf Resort, Tulfarris, Blessington, Co. Wicklow, to Groundwater, via a sand polishing filter after appropriate treatment, with 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 Kennack Limited, at Tulfarris Hotel & Golf Resort, Tulfarris, Blessington, Co. Wicklow, to groundwater, via a sand polishing filter, after appropriate treatment in a Tertiary Wastewater Treatment Plant.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.4 The Licensee's wastewater treatment system shall be designed, 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 storage tanks for fuel and or chemicals shall be surrounded by a bund capable of retaining 110% of the volume of the largest single tank within the bunded area. The intake and outlet for the tanks shall be positioned inside the bund. Provision shall be made to remove and dispose of the rainwater so as to ensure the specified volume is always available within the bund. The bund shall be constructed and maintained by the Licensee to specifications agreed with the Licensing Authority.

1.6 The wastewater treatment system 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 wastewater treatment areas and to prevent any damage to the wastewater treatment system.

1.7 Suitably sized grease trap(s) 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 and cleaned and maintained as required to ensure its proper operation.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater 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 wastewater treatment plant shall not exceed **65 m^3/day**.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Final Discharge Compliance Standards and Licensee Monitoring Frequency

Parameter	Units	Emission Limit Value	Licensee Monitoring Frequency
pH	pH Units	6 to 9	Monthly
Temperature	mg/l	25	Monthly
$cBOD_5$	mg/l	10	Monthly
COD	mg/l	60	Monthly
Suspended Solids	mg/l	5	Monthly
Total Ammoniacal Nitrogen (as N)	mg/l	5	Monthly
Nitrate (as N)	mg/l	11	Monthly
Ortho-phosphate (as P)	mg/l	2	Monthly
Detergents	mg/l	1	Monthly
Fats Oils & Grease	mg/l	10	Monthly
E.Coli	No/100ml	100	Monthly

3. Wastewater Treatment

3.1 The wastewater treatment plant, pumping stations, sand polishing filter and pressurised distribution pipe system, and underlying gravel distribution area and gravel trench infiltration area, shall be appropriately designed and installed with appropriate regard to the EPA Wastewater Treatment Manual Treatment 1999 (Systems for Small Communities, Business, Leisure Centres and Hotels), the EPA Code of Practice 2009, Manufacturer's instructions.

3.2 The installation referred to in condition 3.1 shall be supervised a suitably qualified person/firm (with professional indemnity insurance) and a certificate with supporting as constructed drawings and photographic records shall be submitted to the licensing authority **within one month of installation**, demonstrating and stating that the above wastewater treatment system has been designed and installed in stipulated above and in accordance with best engineering and hydrogeological practices.

3.3 The wastewater treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

3.4 Treated effluent shall be distributed evenly over the entire sand polishing filter area.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within two months of the date of issue of the Licence, inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the wastewater treatment plant including grease removal unit. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the wastewater treatment plant 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 wastewater 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 **renewed annually** 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 before the end of each calendar year as part of an annual report.

4.4 The Licensee shall ensure that the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of wastewater 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 wastewater treatment plant.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the treated effluent from the wastewater treatment plant. The sampling chambers shall be clearly labelled, and facilitate flow measurement, grab and composite sampling of the effluent.

(ii) Groundwater, up and down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available. Two new boreholes of suitable design shall be installed at appropriate locations for this purpose. The installation shall be supervised a suitably

qualified person/firm (with professional indemnity insurance) and a certificate with supporting as constructed drawings and photographic records shall be submitted to the licensing authority **within one month of installation**, demonstrating and stating that the above boreholes have been designed and installed in accordance with best engineering and hydrogeological practices.

All sample locations shall be agreed with the Licensing Authority and clearly labelled.

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

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 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 chambers after wastewater

treatment system and tested **Monthly**, in respect of the parameters listed in Tables 1 above.

In addition the Licensee shall arrange to have the groundwater up and down gradient of the wastewater discharge tested **Quarterly** and compared to the limits in the Groundwater Regulations in respect of the parameters listed in Table 3 below:

Table 2. Ambient Compliance Monitoring Requirements and Required Units of Expression.

PARAMETER	Unit of Expression
pH	pH Unit
$cBOD_5$	mg/l
Conductivity	us/cm @20°C
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Chloride	mg/l
Nitrate	mg/l N
Nitrite	mg/l N
E. Coli	MPN/100ml

6.3 In the event of a non-compliant effluent sample, additional samples of the effluent shall be taken and tested on a **weekly** basis until such a time the results show that the non-compliance has been controlled and monitoring of influent shall be carried out as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (section 5.4.7). The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent or ambient sampling where a pattern of full compliance with the licence conditions has become established.

6.4 The Licensee shall enter into a contract with an approved 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 wastewater treatment plant shall be disposed of in accordance with the Waste Management (Use of Sewage Sludge in Agriculture) Regulations, 1998 to 2001 (SI No. 148 of 1998) (SI No. 267 of 2001), Waste Management (Permit) Regulations, 1998 (SI No. 165 of 1998) and any other relevant regulation as specified under the Waste Management Act, 1996.

8. Monitoring Records & Reports

8.1 Legible traceable records of all flow data, sludge removal, treatment plant maintenance, grease trap maintenance and monitoring data shall be kept on file at the premises.

8.2 The Licensee shall send electronic copies (in any format specified by the Licensing Authority) of compliance monitoring results of treated effluent and ambient samples to the Licensing Authority at **dischargelicences@wicklowcoco.ie** within one month of the period to which they relate.

8.3 Any non compliance with the emission limit values stipulated in condition 2.2, Table 1. shall be reported to the licensing Authority at **dischargelicences@wicklowcoco.ie** within 48hrs of becoming available to the licensee. The report shall describe the results of the investigations into the cause of the non-compliance and what measures are proposed to correct the problem and in what timeframe.

8.4 The Licensee shall submit an electronic Annual Compliance Report to the Licensing Authority before the end of each calendar year to include

all flow data, sludge removal certificates, treatment plant maintenance certificates, grease trap maintenance certificates, monitoring data, non compliance notifications and corrective actions taken. Paper copies of these records shall be submitted to the Licensing Authority upon request.

8.5 The records referred to in conditions 8.1, 8.2, 8.3 & 8.4 shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other Person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

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

9.2 At least one person from the emergency contacts for the premises shall be contactable at all times.

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €1242 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be reckoned on the initial sum of €1242 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 & 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: _____

JACKIE CARROLL,
SENIOR EXECUTIVE OFFICER,
PLANNING, DEVELOPMENT & ENVIRONMENT.

Date: 23/6/21

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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 120*

2: Name and address of the applicant: *Coillte, Avondale House & Forest Park, Avondale & Corballis, Rathdrum, Co. Wicklow*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Trade effluent.*

7: Date of grant of licence: *September 2021*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 20th August, 2021.
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 AND/OR SEWAGE EFFLUENT TO WATERS

Reference number in Register: - **WPL 120**

Local Authority: - **Wicklow County Council**

To: **Coillte,**
Head Office
Newtownmountkennedy
Co. Wicklow

C/O: **Rowan Engineering Consultants**
Unit 14 Scurlockstown Business Park
Trim
Co. Meath

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 effluents from the premises of Coillte, at Avondale House & Forest Park, Avondale & Corballis, Rathdrum, Co. Wicklow, to Groundwater, via a sand polishing filter after appropriate treatment, with 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 Coillte, at Avondale House & Forest Park, Avondale & Corballis, Rathdrum, Co. Wicklow, to groundwater, via a

sand polishing filter, after appropriate treatment in a Wastewater Treatment Plant.

1.2 The premises shall be laid out, operated and maintained in such a manner as to prevent the discharge of any polluting matter either to groundwater or surface water, other than treated effluent in accordance with this Licence.

1.3 Rainwater run-off from the roofs of buildings and clean ground surfaces shall be separately collected from foul sewage and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.4 The Licensee's wastewater treatment system shall be designed, 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 storage tanks for fuel and or chemicals shall be surrounded by a bund capable of retaining 110% of the volume of the largest single tank within the bunded area. The intake and outlet for the tanks shall be positioned inside the bund. Provision shall be made to remove and dispose of the rainwater so as to ensure the specified volume is always available within the bund. The bund shall be constructed and maintained by the Licensee to specifications agreed with the Licensing Authority.

1.6 The wastewater treatment system 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 wastewater treatment areas and to prevent any damage to the wastewater treatment system.

1.7 Suitably sized grease trap(s) 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 and cleaned and maintained as required to ensure its proper operation.

2. Effluent Volume and Characteristics

2.1 The treated effluent from the wastewater 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 wastewater treatment plant shall not exceed **19.5 m^3/day**.

2.2 The final treated effluent discharged from the wastewater treatment system shall comply with the quality standards set out in respect of the parameters in Table 1.

Table 1. Final Discharge Compliance Standards and Licensee Monitoring Frequency

Parameter	Units	Emission Limit Value	Licensee Monitoring Frequency
pH	pH Units	6 to 9	Every 2 Months
Temperature	mg/l	25	Every 2 Months
$cBOD_5$	mg/l	25	Every 2 Months
COD	mg/l	125	Every 2 Months
Suspended Solids	mg/l	35	Every 2 Months
Total Ammoniacal Nitrogen (as N)	mg/l	10	Every 2 Months
Nitrate (as N)	mg/l	15	Every 2 Months
Ortho-phosphate (as P)	mg/l	10	Every 2 Months
Detergents	mg/l	1	Every 2 Months
Fats Oils & Grease	mg/l	10	Every 2 Months

3. Wastewater Treatment

3.1 The wastewater treatment plant, pumping stations, sand polishing filter and pressurised distribution pipe system, and underlying gravel distribution area, shall be appropriately designed and installed with appropriate regard to the EPA Wastewater Treatment Manual Treatment 1999 (Systems for Small Communities, Business, Leisure Centres and Hotels), the EPA Code of Practice 2009, Manufacturer's instructions.

3.2 The installation referred to in condition 3.1 shall be supervised a suitably qualified person/firm (with professional indemnity insurance) and a certificate with supporting as constructed drawings and photographic records shall be submitted to the licensing authority **within one month of installation**, demonstrating and stating that the above wastewater treatment system has been designed and installed as stipulated above and in accordance with best engineering and hydrogeological practices.

3.3 The wastewater treatment system shall be capable of producing an effluent standard in compliance with condition 2.2, Table 1.

3.4 Treated effluent shall be distributed evenly over the entire sand polishing filter area.

4. Treatment Plant Maintenance

4.1 The Licensee shall, within two months of the date of issue of the Licence, inform the Licensing Authority of the name, address, email and telephone number of the nominated person(s), who shall be trained and have responsibility, for the routine inspection and operation of the wastewater treatment plant including grease removal unit. The Licensee shall make provision for substitute trained persons as may be necessary during the absence of the nominated person. A log of the inspection and operation of the wastewater treatment plant 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 wastewater 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 **renewed annually** and submitted for approval within two months of the date of issue of this Licence and on each anniversary date thereafter.

4.3 A copy of each maintenance report shall be submitted to the Licensing Authority before the end of each calendar year as part of an annual report.

4.4 The Licensee shall ensure that the nominated and trained persons receive detailed instruction and training about the routine inspection and operation of wastewater 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 wastewater treatment plant.

5. Provision of Monitoring Stations

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

(i) Effluent: Suitable chambers shall be provided for sampling the treated effluent from the wastewater treatment plant. The sampling chambers shall be clearly labelled, and facilitate flow measurement, grab and composite sampling of the effluent.

(ii) Groundwater, up and down-gradient of discharge: Safe access to the ambient sampling locations listed in Table 2 shall be made available.

5.2 All sample locations shall be agreed with the Licensing Authority and clearly labelled.

6. Monitoring Regime

6.1 The Licensee shall either: -

(a) Install, calibrate and maintain a suitable flow-measuring device on the effluent discharge line from the wastewater treatment plant and record the daily discharge volume.

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 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 chambers after wastewater treatment system and tested every **two months**, in respect of the parameters listed in Tables 1 above.

In addition the Licensee shall arrange to have the groundwater up and down gradient of the wastewater discharge tested **twice annually** and compared to the limits in the Groundwater Regulations in respect of the parameters listed in Table 3 below:

Table 2. Ambient Compliance Monitoring Requirements and Required Units of Expression.

PARAMETER	Unit of Expression
pH	pH Unit
$cBOD_5$	mg/l
Conductivity	us/cm @20°C
Total Ammoniacal Nitrogen	mg/l N
Orthophosphate	mg/l P
Chloride	mg/l
Nitrate	mg/l N
Nitrite	mg/l N
E. Coli	MPN/100ml

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 a time the results show that the non-compliance has been controlled and monitoring of influent shall be carried out as per EPA Wastewater Treatment Manual: Treatment Systems for Small Communities, Business, Leisure Centres and Hotels (section 5.4.7). The Licensing Authority may give its written consent to a reduced frequency of monitoring of the treated effluent or ambient sampling where a pattern of full compliance with the licence conditions has become established.

6.4 The Licensee shall enter into a contract with an approved 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 wastewater treatment plant shall be disposed of in accordance with the Waste Management (Use of Sewage Sludge in Agriculture) Regulations, 1998 to 2001 (SI No. 148 of 1998) (SI No. 267 of 2001), Waste Management (Permit) Regulations, 1998 (SI No. 165 of 1998) and any other relevant regulation as specified under the Waste Management Act, 1996.

8. Monitoring Records & Reports

8.1 Legible traceable records of all flow data, sludge removal, treatment plant maintenance, grease trap maintenance and monitoring data shall be kept on file at the premises.

8.2 The Licensee shall send electronic copies (in any format specified by the Licensing Authority) of compliance monitoring results of treated effluent and ambient samples to the Licensing Authority at **dischargelicences@wicklowcoco.ie** within one month of the period to which they relate.

8.3 Any non-compliance with the emission limit values stipulated in condition 2.2, Table 1. shall be reported to the licensing Authority at **dischargelicences@wicklowcoco.ie** within 48hrs of becoming available to the licensee. The report shall describe the results of the investigations into the cause of the non-compliance and what measures are proposed to correct the problem and in what timeframe.

8.4 The Licensee shall submit an electronic Annual Compliance Report to the Licensing Authority before the end of each calendar year to include all flow data, sludge removal certificates, treatment plant maintenance certificates, grease trap maintenance certificates, all monitoring data, non compliance notifications and corrective actions taken. Paper copies of these records shall be submitted to the Licensing Authority upon request.

8.5 The records referred to in conditions 8.1, 8.2, 8.3 & 8.4 shall also be made available by the Licensee for inspection by Authorised Officers of the Licensing Authority, and any other Person authorised under Section 28 of the Local Government (Water Pollution) Act, 1977, or under Section 14 of the Waste Management Act, 1996 at any time on request.

9. Access by Authorised Personnel

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

9.2 At least one person from the emergency contacts for the premises nominated in Condition 4.1 shall be contactable at all times including out of office hours in case of emergency.

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

10.1 The Licensee shall pay on demand an annual contribution fee of €2,123 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The first such fee shall be the 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 contribution fees shall be reckoned on the initial sum of €2,123 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 & 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: Jackie Carroll

JACKIE CARROLL,
SENIOR EXECUTIVE OFFICER,
PLANNING, DEVELOPMENT & ENVIRONMENT.

Date: 24/8/2021.

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 the appeal fee of €500.00 or €220.00 reduced appeal fee (prescribed bodies). If an Oral Hearing is requested an additional fee of €50.00 is applicable. Request for an Oral Hearing should be submitted before the expiration of one month from the date of the above decision.

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 121*

2: Name and address of the applicant: *Anita Van Rheenan, 49 Caledon Road, Dublin D03 D28 - Premises: The Old Church, Knockanode, Arklow, Co. Wicklow.*

3: Location of the premises, works, apparatus or drainage pipe from which effluent is discharged: *See file*

4: Description of Waters to which Discharge is made: *See file*

5: Location of point(s) of discharge: *See file*

6: Description of effluent: *Trade effluent.*

7: Date of grant of licence: *November 2021*

8: Conditions attached to licence: *1 – 11.3 incl.*

9: If licence is revised, reference no. of previous licence: *N/A*

10: Notification by An Bord Pleanála of appeal:

i. Date: 20th November, 2021.
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 121

Local Authority: - Wicklow County Council

To: Anita van Rheenan,
49 Caledon Road
Dublin,
DO3 FD28

Agent: C\o Mr. Michael Hogan,
Hogan & Associates,
Olivemount Street,
Olivermount Road
Windy Arbour
Dundrum,
D14 FST3

Wicklow County Council, in exercise of the powers conferred by the Local Government (Water Pollution) Acts, 1977-1990, hereby grants a licence to discharge domestic effluent from the premises of Anita van Rheenan located at The Old Church, Knockanode, Arklow, Co. Wicklow to the Avoca after appropriate treatment, subject to the following conditions:-

LICENCE CONDITIONS

1. General Layout and Operation

1.1 This License shall be in respect of the discharge of domestic effluent from the premises of Anita van Rhennan located at The Old Church, Knockanode, Arklow,

Co. Wicklow, to the Avoca River via a single authorised outfall pipe located at ING 319596, 182489, after appropriate treatment in a Klargestor Biodisc BA Treatment Unit followed by single reed bed.

1.2 Rainwater run-off from the roofs of buildings and clean ground-surfaces shall be separately collected and directed to surface water drains or soak-aways on the premises. Under no circumstances shall rainwater be discharged to the wastewater treatment plant.

1.3 The Licensee's wastewater treatment plant shall be operated and maintained in such manner as to ensure that the discharge of treated effluent is in accordance with the volume and parametric limits set out in Conditions 2.1 & 2.2

1.4 The wastewater treatment plant area shall be maintained in a tidy and safe condition. No offensive odours or nuisances shall be allowed to persist in the vicinity of this area.

2. Effluent Volume and Characteristics

2.1 The total volume of the treated effluent discharged from the wastewater treatment plant shall not exceed 1000 litres per day.

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

Table 1.

Parameter	Emission Limit Value	Monitoring Frequency
pH	6 to 9	Once per year
Temperature	25 ^{0}C	Once per year
$BOD_{5\ (with\ Nitrification\ inhibitor)}$	25 mg/l	Once per year
COD	125 mg/l	Once per year
Suspended Solids	35 mg/l	Once per year
Total Ammoniacal Nitrogen (as N)	20 mg/l	Once per year
Nitrate (as N)	30 mg/l	Once per year
Ortho-phosphate (as P)	20 mg/l	Once per year

3. **Wastewater Treatment**

3.1 The wastewater treatment plant shall be laid out in accordance with drawings and design submitted as part of the application for this licence including any submission of further information.

3.2 The Licensee shall submit to the Licensing Authority within two month of commissioning a certificate from a competent professional, with professional indemnity insurance, to certify that the foul sewers and wastewater treatment plant have been installed in accordance with drawings and design and shall include as constructed drawings and photographic evidence of the installation.

3.3 The wastewater treatment plant shall be capable of producing an effluent standard in compliance with condition 2.2.

4. **Treatment Plant Maintenance**

4.1 A log book of regular inspections of the wastewater treatment plant operation shall be kept by the Licensee and produced upon request by the Licensing Authority.

4.2 The Licensee shall also ensure that a nominated person is trained for routine inspection and maintenance and receive sufficient instruction and manuals detailing the inspection and operation of the wastewater treatment plant.

4.3 The Licensee shall employ the services of a competent engineering/environmental consultant, for the maintenance of the wastewater treatment plant and treatment on an annual basis.

5. **Provision of Monitoring Stations**

5.1 The Licensee shall provide safe, permanent, unhindered and immediate access to a clearly labelled sampling point for the discharge of treated effluent.

5.2 A Suitable sample point shall be provided to allow for taking of a representative sample of the treated effluent.

5.1.1 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

6.1.1 The Licensee shall arrange to have representative samples of the treated effluent taken and tested by an accredited laboratory once per year, in respect of the parameters listed in table 1 in condition 2.2.

6.2 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 for the parameter in question show that the non-compliance has been controlled.

6.3 The Licensee shall enter into an annual contract with an accredited laboratory to ensure that the treated effluent samples are tested in accordance with condition 6.1. The contract shall be annually renewed and records kept for inspection by the Licensing Authority.

7. Sludge and Other Waste Disposal

7.1 The sludge and other waste material arising from the wastewater treatment plant shall be disposed of in accordance with the Waste Management (Use of Sewage Sludge in Agriculture) Regulations, 1998 to 2001 (SI No. 148 of 1998)(SI No. 267 of 2001), Waste Management (Permit) Regulations, 1998 (SI No. 165 of 1998) and any other relevant regulation as specified under the Waste Management Act, 1996.

7.2 The Licensee shall maintain legible traceable records of sludge removal and other waste material from the wastewater treatment plant in the maintenance log book.

8. Monitoring Records

8.1 Legible traceable records of all analytical data (with appropriate units shown) referred to in condition 6 (Monitoring Regime) shall be kept on file at the premises.

8.2 The Licensee shall arrange with their contract laboratory to submit electronic copies of the analytical records to the Licensing Authority at dischargelicences@wicklowcoco.ie within two weeks of the period to which they relate.

8.3 Hard copies of records referred to in conditions 8.1 and 8.2 shall 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.

8.4 The licensee shall submit to the Licensing Authority, before the end of January each year, an annual report detailing the previous years

- treatment plant performance against licence limits
- any non-compliances and the dates notified to the licensing authority
- what actions were taken to correct any non-compliances
- all maintenance records
- all records of waste sludge removal

The report shall be submitted by post or email to dischargelicences@wicklowcoco.ie.

9. Access by Authorised Personnel

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

10. Monitoring Contribution to the Licensing Authority

10.1 The Licensee shall pay on demand an annual contribution fee of €263 towards the Licensing Authority's (Wicklow County Council) monitoring costs. The subsequent

annual contribution fees shall be reckoned on the initial sum of €263 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 within one month of any changes in ownership of the premises or company name or the personnel referred to in conditions 4.1 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: Jackie Carroll

JACKIE CARROLL,
SENIOR EXECUTIVE OFFICER,
PLANNING DEVELOPMENT & ENVIRONMENT.

DATE: 2|12|2021

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.