

**COMHAIRLE CHONTAE SHLIGIGH
SLIGO COUNTY COUNCIL**

*Local Government (Water Pollution) Act 1977 as amended by the Local Government (Water Pollution)
(Amendment) Act 1990*

REVISED LICENCE TO DISCHARGE TRADE EFFLUENT TO WATERS

LOCAL AUTHORITY: SLIGO COUNTY COUNCIL

**TO: Radisson Blu Sligo
Ballinacra
Sligo**

Sligo County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977, as amended, hereby grants a revised licence, Ref. DL(W)16R1, in substitution for licence No. DL(W)16R to the Radisson Blu Sligo to discharge trade and domestic effluent from The Radisson Blu Hotel, Ballinacra, Sligo to the Magheragillierneve River.

The Licence shall be subject to the following Schedule of Conditions.

Signed on behalf of Sligo County Council



**Tom Kilfeather,
Director of Services.**

Date: 28th October, 2015.

SCHEDULE OF CONDITIONS

CONDITION 1: SCOPE

- 1.1 Effluent discharges shall take place as specified in the review documentation, as modified and/or controlled by this licence.
- 1.2 No alteration in the activity or treatment process which would, or is likely to result in change in
 - The nature or quantity of the final discharge,
 - The treatment systems,
 - The fuels, raw materials, products or wastes generated,

shall be carried out or commenced without the prior written agreement of the licensing authority.

CONDITION 2: INTERPRETATION

- 2.1.1 Emission limit values for emissions to waters in this licence shall be interpreted in the following way:
- 2.1.2 Continuous monitoring:
No flow value shall exceed the specified limit.
- 2.1.3 Composite Sampling
No pH value shall deviate from the specified range.
No temperature value shall exceed the limit value.
For parameters other than pH, temperature and flow, eight out of ten consecutive composite results, based on flow proportional composite sampling, shall not exceed the emission limit value. No individual result similarly calculated shall exceed 1.2 times the emission limit value.
- 2.1.4 Discrete Sampling
For parameters other than pH and temperature, no grab sample shall exceed 1.2 times the emission limit value.

CONDITION 3: EMISSIONS TO WATERS

- 3.1 The maximum volume of trade effluent discharged from the site shall not exceed 120m³/day and the maximum volume of trade effluent discharged in any hour shall not exceed 5m³.
- 3.2 The Licensee shall not discharge, or cause or permit to be discharged from the site any trade effluent whose characteristics exceed the emission limit values specified in Table 1 below. There shall be no other emissions of environmental significance.

TABLE 1: Trade Effluent Discharge Limit Values

Parameter	Discharge limit value	Units of measurement
Temperature	20	Degrees Centigrade
pH	6-9 ^{Note 1}	pH Units
Biochemical Oxygen Demand	15	mg/l

Total Ammonia (as N)	10	mg/l
Total Suspended Solids	25	mg/l
Ortho phosphate (as P)	1.2	mg/l
Total Phosphorus (as P)	2	mg/l
Total Nitrogen (as N)	15	mg/l
Detergents	3	mg/l
Fats, Oils and Grease	10	mg/l

Note 1: Exceedances outside the pH range of 6-9 are permitted for instrument calibration or maintenance, records to be kept of these exceedances.

3.3 The swimming pool/jacuzzi waste water shall discharge to a soakpit and shall not have an adverse affect on the environment or public health.

CONDITION 4: MANAGEMENT OF THE SITE

- 4.1 A standby generator shall be installed. It should be an automatic system, whereby the changeover to the power generator is immediate. All pumps and motors should have a standby facility, which shall operate in emergency or overload conditions. All duty pumps and motors shall be alternated in accordance with best practice.
- 4.2 Mechanical failure of any components of the effluent treatment plant shall be detected by the provision of an alarm system to alert the nominated maintenance personnel of any system malfunction as detailed in the licence review information submitted.
- 4.3 Wastewater from all locations where there is a risk of fats, oils and greases entering the effluent treatment system shall pass through an adequately designed grease trap/interceptor. The grease trap/interceptor(s) shall comply with the latest version of ISEN 1825-2:2002 (Selection of nominal sizes, installation, operation and maintenance of grease traps).
- 4.4 The grease traps shall be cleaned and maintained in accordance with manufacturer's instructions. Waste fats, oils and grease shall be stored in enclosed containers, in a secure location away from the surface water drainage system. All waste fats, oils and grease shall be collected by a waste contractor who holds a current valid waste collection permit.
- 4.5 The treatment plant shall be inspected daily and a maintenance contract for the treatment system shall be entered into. This contract shall include a full mechanical and maintenance check to be carried out at least at six monthly intervals, with 24 hr emergency call-out service. This contract shall be renewed annually and submitted to the Environmental Section, Sligo County Council.
- 4.6 The effluent treatment plant shall be desludged in accordance with the manufacturer's instructions. Sludge shall be taken off site by a suitably permitted contractor who holds a current valid waste collection permit.
- 4.7 All treatment, monitoring equipment and the interceptors shall be maintained on a regular basis in accordance with the manufacturer's instructions.

CONDITION 5: MONITORING and REPORTING

- 5.1 The company shall install and maintain on the final effluent discharge pipe an automatic flow measuring device which will record instantaneous rate of flow. An integrated unit shall be provided and daily records of the discharge shall be kept and submitted quarterly to the licensing authority.
- 5.2 The company shall install and maintain on the final effluent discharge pipe a flow proportional sampler. The final effluent shall be monitored in accordance with the requirements set out in Table 2 below. All analysis shall be carried out by an independent laboratory accredited for each of the parameters specified.

Table 2

Parameter	Monitoring Frequency	Analysis method
Flow	Continuous	On-line flow meter with recorder
Temperature	Monthly	Temperature meter
pH	Monthly ^{Note 1}	Standard Method
BOD	Monthly ^{Note 1}	Standard Method
Total Ammonia	Monthly ^{Note 1}	Standard Method
Total Suspended Solids	Monthly ^{Note 1}	Gravimetric
Ortho Phosphate (as P)	Monthly ^{Note 1}	Standard Method
Total Phosphorus (as P)	Monthly ^{Note 1}	Standard Method
Total Nitrogen (as N)	Monthly ^{Note 1}	Standard Method
Detergents	Quarterly ^{Note 1}	Standard Method
Fats, Oils and Grease	Quarterly ^{Note 1}	Standard Method

Note 1: 24 hour composite sample

- 5.3 The Licensing Authority shall reserve the right after giving advance notice in writing to increase or decrease the frequency of sampling, analysis, flow measurement and method and scope of monitoring and analysis.
- 5.4 Certified monitoring results of the final effluent quality shall be submitted to Licensing Authority on a quarterly basis.
- 5.5 Additional monitoring of the receiving water shall be undertaken.
- 5.6 The company shall monitor quarterly and record the total chlorine level and trihalomethane level of the swimming pool/jacuzzi waste water prior to discharge.
- 5.7 The licensee shall record the date of all sampling, measurements, examinations, calibrations and maintenance carried out in accordance with this licence and these records shall be submitted to the licensing authority on a yearly basis or on request by the licensing authority.
- 5.8 Records of type and quantity of sludge taken off site, date taken off site and the name of the company taking the waste to be kept on site and submitted to Sligo County Council annually.
- 5.9 The licensee shall maintain a cleaning, maintenance and disposal register for the grease trap/interceptor and oil interceptor.

- 5.10 The licensee shall record all complaints of an environmental nature related to the operation of the activity. Each such record shall give details of the date, time and nature of the complaint, the name of the complainant. A record shall also be kept of the response made in the case of each complaint.
- 5.11 The licensee shall submit an Annual Environmental Report to the Licensing Authority by the 1st February each year. This report shall include as a minimum the following information
- Final effluent and flow exceedances
 - Waste management report
 - Complaints summary
 - Pollution emission and environmental incident report, including the date and time of incidents and the steps taken to minimise the emissions and avoid recurrence
 - Maintenance and inspection reports.
- 5.12 A suitable sampling chamber shall be provided on the effluent pipe prior to it discharging off site and an inspection chamber on the surface water discharge pipe. The licensee shall provide safe and permanent access to the sampling and inspection chambers and flow meter to any authorised person under the Local Government (Water Pollution) Acts, 1977 & 1990.

CONDITION 6: NON-PROCESS WATER

- 6.1 All uncontaminated storm water from roofs shall be discharged in a separate storm water pipeline system. All car parking areas shall be discharged to the storm water pipeline via an adequately designed oil interceptor. All oil interceptors shall be maintained in accordance with manufacturer's instructions.
- 6.2 All tank and drum storage areas shall be provided with an adequately designed bund and shall be rendered impervious to the materials stored therein. All tank and drum storage areas shall, as a minimum be bunded to a volume not less than the greater of the following:
- i. 110% of the capacity of the largest tank or drum within the bunded area; or
 - ii. 25% of the total volume of substance which could be stored within the bunded area.

CONDITION 7: ACCIDENT PREVENTION and EMERGENCY PROCEDURES

- 7.1 An Emergency Response Procedure for the wastewater treatment plant and effluent discharge should be in place, and brought into operation in the event of breakdown.
- 7.2 The licensee shall notify The Licensing Authority by telephone and electronic mail as soon as practicable after the occurrence of an accidental spillage, discharge or deposit of any pollutant, which enters or is likely to enter waters or cause environmental pollution. The licensee shall include as part of the notification, date and time of the incident, summary details of the occurrence, and the steps taken to minimise any emissions.
- 7.3 In the event of an incident the licensee shall immediately-
- (i) carry out an immediate investigation to identify the nature, source and cause of the incident and any emission arising
 - (ii) isolate the source of such an emission

- (iii) evaluate the environmental pollution, if any caused by the incident
- (iv) identify and execute measures to prevent further contamination and to minimize the emissions and the effects thereof

CONDITION 8: GENERAL

8.1 The company shall pay a sum of €1,400 per annum, subject to annual review, and updated in accordance with Consumer Price Index, to cover the cost of monitoring by the licensing authority.

Note:

- *The review process has identified the requirement to amend the schedule of conditions detailed in the discharge licence Ref. No. DL(W)16R issued to the Radisson SAS Hotel, Ballincar, Sligo by Sligo County Council. As a consequence of these amendments, Sligo County Council has decided to issue a revised discharge licence Ref No. DL (W) 16 R1, in substitution for discharge licence Ref. No. DL(W)16R.*