

COMHAIRLE CHONTAE SHLIGIGH
SLIGO COUNTY COUNCIL

Local Government (Water Pollution) Act, 1977 & Local Government (Water Pollution)
(Amendment) Act 1990

LICENCE TO DISCHARGE TREATED SEWAGE EFFLUENT TO WATERS

TO: Felix McHugh Builders Ltd.,
Cornacloy,
Glenfarne,
Co. Leitrim.

File Ref: DL(W)97

Application received: 2nd April, 2009.

Further Information Received: 2nd September, 2010.

Notice is hereby given that Sligo County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act, 1977, as amended, decided to grant a licence, by Order No. 33 dated 29th October, 2010, to Felix McHugh Builders Ltd., Cornacloy, Glenfarne, Co. Leitrim, to discharge treated sewage effluent from Dromroe Housing Estate at Cleavry, Castlebaldwin to groundwater in the townland of Cleavry, Castlebaldwin, Co. Sligo, subject to the 5 conditions as set out in attached schedule.

Signed on behalf of Sligo County Council.

M. Scanlon
f.p. Administrative Officer.

Date: 9th December, 2010.

Schedule of Conditions

CONDITION 1: MANAGEMENT OF THE SITE

- 1.1 No alterations in the activity which would, or is likely to, result in a change in the nature or quantity of the final discharge shall be carried out or commenced without the prior written agreement of the licensing authority.
- 1.2 The Licensee shall submit written proposals for the short, medium & long term management, maintenance and operation of the effluent treatment plant – legally and in practice within one month of the date of issue of this licence.

CONDITION 2: EMISSIONS TO WATERS

- 2.1 The maximum volume of sewage effluent discharge shall not exceed 15m³ per day and the maximum volume discharged in any hour shall not exceed 1.5 m³.
- 2.2 Effluent from the proprietary effluent treatment plant shall discharge to an adequately designed polishing filter. There shall be no direct discharge of any polluting matter to surface water.
- 2.3 The Licensee shall not discharge, or cause or permit to be discharged from the effluent treatment plant to the polishing filter any effluent whose characteristics exceed the discharge limit values specified in Table 1 below.

TABLE 1: Treated Effluent Discharge Limit Values

Parameter	Discharge limit value	Units of measurement
pH	6-9	pH Units
BOD	20	Mg/l
COD	125	Mg/l
Total Suspended Solids	30	Mg/l
Total Phosphorus (as P)	2	mg/l as P
Total Nitrogen	15	mg/l N
Ammonia	5	Mg/l NH ₃

- 2.4 All uncontaminated storm water shall be discharged in a separate storm water system.

CONDITION 3: MONITORING and REPORTING

- 3.1 The effluent shall be monitored prior to discharging to the polishing filter in accordance with the requirements set out in Table 2 below. All analyses shall be carried out by an independent competent laboratory. The details of this laboratory shall be submitted in writing to the Licensing Authority for approval within two months of the date of issue of this Licence.

Table 2

Parameter	Monitoring Frequency	Analysis method
Biochemical Oxygen Demand	Monthly	Standard Method
Chemical Oxygen Demand	Monthly	Standard Method
Suspended Solids	Monthly	Gravimetric
Total Phosphorus (as P)	Monthly	Standard Method
Total Nitrogen (as N)	Monthly	Standard Method

- 3.2 The Licensing Authority shall reserve the right after giving advance notice in writing to increase or decrease the frequency of sampling and analysis and method of monitoring and analysis.
- 3.3 The Licensee shall provide safe and permanent access to a suitable sampling chamber on the discharge pipeline prior to discharging to the polishing filter. This sampling point shall be accessible at all times to any authorised person under the Local Government (Water Pollution) Act, 1977 & 1990.
- 3.4 Certified monitoring results of the final effluent quality shall be submitted to Sligo County Council (Environmental Section) on a quarterly basis.
- 3.5 The licensee shall record all measurements, examinations, calibrations and maintenance carried out in accordance with this licence. Reports of all measurements, examinations, calibrations and maintenance shall be submitted to the Local Authority on a yearly basis or on request by the Local Authority.
- 3.6 The effluent treatment system shall be desludged in accordance with the manufacturer's instructions. Sludge to be taken off site by a suitably permitted contractor. 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 on request.
- 3.7 The Environment Section, Sligo County Council shall be informed immediately by both telephone and facsimile of any
- malfunction or breakdown in the effluent treatment plant or any of its ancillary works which may cause deterioration of the final effluent
 - Emission which does not comply with the requirements of this licence
 - Incident with the potential for environmental contamination of surface or groundwaters.

4. GENERAL

- 4.1 A person shall be appointed as the person responsible for the operation and maintenance of the effluent treatment plant. This person shall be identified to Sligo County Council within 4 weeks of the licence been granted. This person shall be adequately trained in the operation and maintenance of the plant and be available to respond to any breakdown or malfunction of the treatment plant. This person shall maintain a register of inspections of the treatment plant and details of any action taken regarding the operation of the plant.

- 4.2 Mechanical failure of any components of the sewage effluent treatment plant shall be detected by the provision of an audible & visual alarm system to alert the nominated maintenance personnel of any system malfunction.
- 4.3 A maintenance contract for the treatment plant shall be entered into with the effluent treatment plant manufacturers/installers. This contract shall include a full mechanical and maintenance check to be carried out 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.

CONDITION 5: CONTRIBUTIONS

- 5.1 The Licensee shall pay a sum of €600 per annum, subject to annual review, and updated in accordance with consumer price index, to cover the cost of monitoring by the licensing authority.