

COMHAIRLE CHONTAE SHLIGIGH  
SLIGO COUNTY COUNCIL

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

LICENCE TO DISCHARGE TRADE EFFLUENT TO WATERS

TO: *Bord Na Mona Fuels Limited*

Registered Office: *Main Street  
Newbridge  
County Kildare*

Reference No: *DL(W)149*

*Sligo County Council in exercise of the powers conferred on it by the Local Government (Water Pollution) Act 1977, as amended by the Local Government (Water Pollution) (Amendment) Act 1990, hereby grants a trade effluent discharge to waters licence, Ref. No. DL(W)149, to Bord Na Mona Fuels Limited, to discharge trade effluent from their fuel storage depot at Deepwater Quay (Finisklin Td), Sligo, County Sligo, to tidal water.*

*The licence shall be subject to the following Schedule of Conditions.*

*Signed on behalf of Sligo County Council*



*Tom Kilfeather,  
Director of Services.*

*Date: 3<sup>rd</sup> March, 2014.*

## SCHEDULE OF CONDITIONS

### EMISSIONS TO WATER

1. This licence refers to the discharge of trade effluent from the Bord Na Mona Fuels Limited coal storage depot at Finisklin Td, Deepwater Quay, Sligo, to tidal water, via the silt trap and oil interceptor/separator on site, as indicated in the plans and proposals submitted to Sligo County Council. The discharge of effluent to tidal waters in Sligo Bay shall be carried out in accordance with the application documentation, as modified and controlled by the conditions in this discharge licence.
2. Within three months of the date of issue of this licence, the existing settlement tank serving the development shall be decommissioned and replaced with a new silt trap and oil interceptor/separator in accordance with the plans and proposals submitted to the licensing authority in the licence application. An alarm system shall be installed on the oil interceptor/separator as indicated in the plans and proposals submitted to the licensing authority. All surface run-off from concrete areas on site, as discharged from the site to tidal water, shall be discharged through the silt trap and oil interceptor/separator on site in accordance with the plans and proposals submitted to the licensing authority.
3. The licensee shall install an emergency shut down valve on the discharge pipe serving the development. The emergency shut down valve shall be located within the site boundary of the depot. This valve shall be manually operable and shall be used in the advent of an emergency response or accidental spillage, which may give rise to the discharge of polluting matter from the oil storage depot. Proposals for the installation of an emergency shut down valve shall be submitted to the Environment Section of Sligo County Council, for formal approval in writing, within two months of the date of issue of this licence. The works required shall be carried out within 3 months of the date of the formal written approval of proposals submitted.
4. Detergents shall not be used in the wash-down or power-washing of vehicles on site.

5. The licensee shall not discharge, or cause or permit to be discharged to tidal water any effluent whose characteristics exceed the discharge limit values specified in Table 1 below;

**Table 1: Effluent Discharge Limit Values**

Parameter	Discharge limit value	Units of measurement
pH	6 ≤ pH ≤ 9	pH Units
Biochemical Oxygen Demand	25	mg/l
Chemical Oxygen Demand	125	mg/l
Total Suspended Solids	35	mg/l as N
Total Phosphorus	2	mg/l as P
Ortho-phosphate	1	mg/l as P
Ammonia	5	mg/l as N
Total Nitrogen	15	mg/l
Total Petroleum Hydrocarbons	10	mg/l

6. The licensee shall not discharge or cause or permit to be discharged any effluent that will or is likely to result in the receiving water exceeding the limits set out in the European Communities Environmental Objectives (Surface Water) Regulations 2009 (S.I. No. 272 of 2009).
7. Within twelve months of the date of issue of this licence, the licensee shall undertake a physical and chemical monitoring assessment of the final effluent as discharged to examine for the presence of specific pollutants, priority substances and priority hazardous substances as detailed in Tables 10, 11 and 12 of the European Communities Environmental Objectives (Surface Water) Regulations 2009 (S.I. No. 272 of 2009). The assessment shall be carried out by a suitably qualified environmental consultancy firm following liaison with the licensing authority. A formal report on the assessment, including the results of all monitoring carried out, shall be submitted to the Environment Section of Sligo County Council. If clarification is required, the licensee is advised to contact the licensing authority prior to carrying out the assessment.

#### **MONITORING AND MAINTENANCE**

8. The final effluent as discharged from the premises shall be monitored by the licensee in accordance with the requirements set out in Table 2 below. The sampling point shall be located on the surface water drainage system, post treatment by the oil interceptor/separator. A readily accessible sampling point shall be installed on site. The sampling point shall be readily accessible to authorised officers of the Licensing Authority. The Licensing Authority shall reserve the right, after giving advance notice



in writing to the licensee, to increase or decrease the frequency of sampling and analysis required. The Licensing Authority may also amend the range of parameters specified in the Table 2.

**Table 2: Monitoring Requirements**

Parameter	Monitoring Frequency	Analysis method
pH	quarterly <sup>Note 1</sup>	Standard Method
Biochemical Oxygen Demand	quarterly <sup>Note 1</sup>	Standard Method
Chemical Oxygen Demand	quarterly <sup>Note 1</sup>	Standard Method
Total Suspended Solids	quarterly <sup>Note 1</sup>	Gravimetric
Total Petroleum Hydrocarbons	quarterly <sup>Note 1</sup>	Standard Method
Total Phosphorus	quarterly <sup>Note 1</sup>	Standard Method
Ortho-phosphate	quarterly <sup>Note 1</sup>	Standard Method
Ammonia	quarterly <sup>Note 1</sup>	Standard Method
Total Nitrogen	quarterly <sup>Note 1</sup>	Standard Method

**Note 1:** Four samples evenly distributed throughout the year. 24 hour composite sample, with analysis to be carried out by an independent laboratory accredited for the specified parameter.

The results of sampling and analysis, as conditioned in this discharge licence, shall be submitted to the Licensing Authority within five weeks of completion of analysis.

9. The licensee shall submit An Annual Environmental Report to Sligo County Council. This Environmental Report shall include as a minimum;
  - An assessment of the quality of the final effluent as discharged from the premises during the year including an assessment of compliance with the emission limit values detailed in the licence conditions.
  - A waste management report on the desludging of the silt trap and oil interceptor on site and disposal of waste oils from the premises.
10. The Licensee shall nominate a suitably qualified person who shall be responsible for the supervision, operation and control of the fuel storage depot, maintenance of the silt trap and oil interceptor on site and monitoring of discharges from the oil storage depot. The name of this person shall be identified in writing to Sligo County Council within six weeks of the date of issue of this licence. This person shall be trained in the operation and maintenance of the wastewater treatment infrastructure and be available to respond to any breakdown or malfunction of the oil interceptor on site. This person shall maintain a weekly register of inspections of the oil interceptor on site and details of any actions taken regarding the operation of the oil interceptor. This register shall be made available for inspection to authorised officers of Sligo County Council on request.
11. The licensee shall enter into a maintenance agreement with regard to the maintenance and de-sludging of the silt trap and oil interceptor/separator on site.

Signed maintenance contracts shall be submitted to the Local Authority within two months of the date of grant of this licence. This contract shall be renewed annually and submitted to the Local Authority on the anniversary of the date of issue of this licence.

12. The oil interceptor/separator on site shall be de-sludged in accordance with the manufacturer's instructions. Sludge shall only be moved off site by permitted/licensed contractors. Records of the date, type and quantity of sludge taken off site, together with the name of the contractor removing the sludge shall be maintained, retained on site, and made available for inspection to authorised officers of Sligo County Council on request. Waste oils from any vehicle maintenance carried out on site shall not be discharged to the oil interceptor on site. All waste oils arising from vehicle maintenance shall be collected in drums and disposed of through a licensed/permitted waste contractor, with a current, valid, waste collection permit/licence for the collection and disposal of waste oils.
13. All tank and drum storage areas shall be rendered impervious to the materials stored therein. In addition, tank and drum storage areas shall, as a minimum be bunded, either locally or remotely, 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.
  - (ii.) 25% of the total volume of substance which could be stored within the bunded area.
14. Drainage from bunded areas shall be diverted for collection and safe disposal. The integrity and water tightness of all bunding structures and their resistance to penetration by water or other materials stored therein shall be tested at least once every three years commencing on the date of issue of this licence. On completion of the required testing, certification by an appropriately qualified, competent engineer with professional indemnity insurance, shall be submitted to the Licensing Authority within six weeks of the testing being carried out. If certification cannot be provided, all repairs or remedial works shall be carried out as stipulated by the Licensing Authority.

#### EMERGENCY PROCEDURES

15. An alarm system shall be installed on the oil interceptor/separator in accordance with the plans and proposals submitted to the Licensing Authority. The alarm system shall be operated maintained and calibrated in accordance with the manufacturer's instructions. An emergency response procedure for dealing with malfunctions/breakdowns of the oil interceptors on site and procedures for dealing with emergencies shall be prepared and submitted for approval to the Licensing Authority within three months of the date of issue of this discharge licence.
16. The licensee shall notify Sligo County Council's Environment Section by both telephone and fax, as soon as practicable after the occurrence of any of the following:

- i. The occurrence of an accidental spillage, discharge or deposit of any pollutant or potential pollutant, which enters, or is likely to enter waters or cause pollution.
  - ii. Any discharge that does not comply with the requirements of this discharge licence.
  - iii. Any malfunction or breakdown of the oil interceptors/separators or any of its ancillary works which may cause deterioration of the final effluent or threaten contamination of tidal waters..
17. It is the responsibility of the licensee to ensure that, in the event of fire, no contaminated fire-water shall be permitted to discharge to surface water or groundwater. The licensee shall immediately notify the Licensing Authority of such an occurrence.
18. The licensee shall maintain in storage on site an adequate supply of containment booms and suitable absorbent material to contain and absorb any spillage in the event of emergencies or accidental spillages on site. Full details regarding the stocks of materials on site shall be submitted to the Licensing Authority within three months of the date of issue of this licence. Stocks of materials shall be renewed on an annual basis to replace stocks utilised.

#### CONTRIBUTIONS

19. The company shall pay a sum of €1000 per annum, updated in accordance with consumer price index, to cover the cost of inspection, monitoring, administration, and sampling and analysis by the Licensing Authority.

#### REVIEW PROCEDURES

20. In accordance with Section 7 of the Local Government (Water Pollution) Act, 1977 as amended, the conditions of this licence may be reviewed after three years or such earlier date as circumstances require with the consent of the licensee.