

COMHAIRLE CONTAE FHINE GALL

FINGAL COUNTY COUNCIL

LICENCE TO DISCHARGE TRADE EFFLUENT TO WATERS

To: Roadstone Wood Ltd.,
Fortunestown,
Tallaght,
Dublin 24.

Ref. Number in Register: **WPW/F/075**

Fingal County Council (hereinafter referred to as "the Council") in exercise of the powers conferred on it by the Local Government (Water Pollution) Acts 1977 and 1990, hereby grants a Licence, Reference Number WPW/F/075 to Roadstone Wood Ltd., Fortunestown, Tallaght, Dublin 24 (hereinafter referred to as "Licensee") to discharge trade effluent to waters from their premises at Huntstown South Quarry, Ashbourne Road, Finglas, Dublin 11, subject to the following conditions:-

1. The temperature of the treated effluent shall not exceed **25 degrees Centigrade**, or **ambient temperature** if it exceeds **25 degrees Centigrade**.
2. The **pH** of the treated effluent shall lie in the range **6.0 to 9.0**.
The **pH** of the receiving waters shall not be altered by more than **+/- 0.5 pH** units by the effluent discharge.
3. Over any 24 hour period, the mean concentration of **biochemical oxygen demand (B.O.D.)** in the effluent shall not exceed **3 mg/litre O₂**, and the maximum concentration of **B.O.D.** shall not exceed **5 mg/litre O₂**. The total quantity of biochemical oxygen demand discharged in this period shall not exceed **21.9 Kgs. (P.E. = 365)**
4. Over any 24 hour period, the mean concentration of **chemical oxygen demand (C.O.D.)** in the effluent shall not exceed **30 mg/litre** and the maximum concentration of **C.O.D.** shall not exceed **50 mg/litre**. The total quantity of chemical oxygen demand discharged in this period shall not exceed **219 Kgs.**
5. Over any 24 hour period, the mean concentration of suspended solids in the effluent shall not exceed **20 mg/litre** and the maximum concentration of **suspended solids** shall not exceed **30 mg/litre**. The total quantity of suspended solids discharged in this period shall not exceed **146 Kgs.**
6. The concentration of mineral oils in the effluent shall not exceed **10.0 mg/l**.
The total quantity of mineral oils discharged per day shall not exceed **73 Kgs.**

Petroleum hydrocarbons shall not be present in the effluent which would:

- (a) Form a visible film on the receiving water surface or form coatings on the substratum.
- (b) Impart a detectable hydrocarbon taste to edible finfish and/or shellfish.
- (c) Cause deleterious effects on aquatic life.

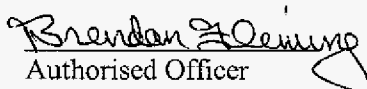
7. The concentration of detergents in the effluent shall not exceed **10.0 mg/l**.
The total quantity of detergents discharged per day shall not exceed **73 Kgs**.
8. The concentration of **Ammonium (as N)** in the effluent shall not exceed **1 mg/l as N**.
The total quantity of **Ammonium** discharged per day shall not exceed **7.3 Kg as N**.
9. The concentration of **Phosphates (as PO₄-P)** in the effluent shall not exceed **0.1 mg/l as P**.
The total quantity of **Phosphates** discharged per day shall not exceed **0.73 Kg as P**.
10. The concentration of **Sulphates (as SO₄)** in the effluent shall not exceed **300 mg/l**.
The total quantity of **Sulphates** discharged per day shall not exceed **2190 Kgs as SO₄**.
11. Over any 24 period, the maximum volume of effluent discharged shall not exceed **7300 cubic metres**.
12. Materials classifiable as Hazardous Waste under the Waste Management Acts, shall not be discharged to waters.
13. Other wastewaters (including firewater, accidental spillages etc.) arising on the site shall not be discharged to waters without prior authorisation of Fingal County Council.
14. The effluent discharged shall be of the same nature and composition as described and conditioned in this licence. The effluent shall contain no other substances in such a concentration, nor to be discharged in such a manner as to be harmful or detrimental to public health or to domestic, commercial, industrial agricultural or recreational uses of the receiving waters.
15. 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 banded 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 Fingal County Council.
16. The Licensee shall keep records, in such form as required, of volume, rate of discharge, nature and composition of the trade effluent discharged and these shall be available at all reasonable times for inspection by duly authorised persons as defined in Section 28(9) of the Local Government (Water Pollution) Acts 1977 & 1990. Copies of such records shall be sent to the Council on demand.
17. A record or log-book of cleaning, maintenance and performance of each settling pond shall be kept and made available for inspection at all times by duly authorised persons as defined in Section 28(9) of the Local Government (Water Pollution) Acts 1977 & 1990.
18. The Licensee shall display in a prominent position a notice to the effect that in the event of an accidental discharge, spillage or deposit of any polluting matter which enters or is likely to enter any waters or a sewer, the person responsible shall notify the Council as soon as practicable after the occurrence and the and that failure to do so is an offence under Section 14, Local Government (Water Pollution) Acts 1977 & 1990.

19. The Licensee shall monitor the discharge of treated effluent to ensure compliance with the conditions of this licence. Representative samples of the treated final effluent shall be taken by the Licensee and tested for the chemical and physical characteristics conditioned in this licence using standard methods. The frequency of sampling shall be as necessary but shall not be less than **12 times per year (monthly)**.

The costs of all such tests shall be borne by the Licensee.

20. A fee of **€205.00** per sample collected by the Fingal County Council representative for compliance monitoring is payable to Fingal County Council, to cover the cost of sample collection and chemical analysis and is payable on demand. This charge will be reviewed annually by Fingal County Council.
21. The Licensee shall permit authorised persons as defined in Section 28(9) of the Local Government (Water Pollution) Acts 1977 & 1990 as Amended, to inspect, examine and test, at all reasonable times, any works and apparatus installed in connection with the trade effluent and to take samples of the trade effluent.
22. The Licensee shall submit monitoring results to Fingal County Council on an annual basis, but not later than **January 15th** for the previous year.
23. The Licensee shall comply with all of the conditions of this Licence.

(Note: Failure to comply with any of these conditions will result in prosecution under section 16(9) of the Local Government (Water Pollution) Acts 1977 & 1990. A conviction could result in substantial fines (up to €5,000) and/or imprisonment).


Authorised Officer

Dated this 7th day of December 2012