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**Waste Licence  
Recommended Decision**

<b>Licence Register Number:</b>	<b>W0302-01</b>
<b>Applicant:</b>	<b>Dublin City Council</b>
<b>Location of facility</b>	<b>North City Operations Depot St. Margaret's Road Ballymun Dublin 11</b>

## ***INTRODUCTION***

This introduction is not part of the licence and does not purport to be a legal interpretation of the licence.

**This licence is for the operation of a waste transfer station (North City Operations Depot) at St. Margaret's Road, Ballymun, Dublin 11. The facility will handle waste from Dublin City Council daily operations such as street sweeping, street bin collection, gully sucking, housing and roads maintenance and river cleaning. Waste will be brought to the facility by Dublin City Council vehicles.**

**Mixed municipal waste from street bins and other operations will be deposited into enclosed compactor containers, where it will be stored temporarily before transfer off site. Street sweeping waste and gully cleaning material will be deposited in banded bays before being transferred to containers for transfer off site. Road and housing maintenance and river cleaning generates a mixture of bulky wastes and construction and demolition wastes which will be segregated into skips on site.**

**The maximum quantity of waste accepted will be 21,000 tonnes per annum which will include up to 500 tonnes per annum of hazardous waste.**

The licence sets out in detail the conditions under which Dublin City Council will operate and manage this facility.

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## ***Glossary of Terms***

All terms in this licence should be interpreted in accordance with the definitions in the Waste Management Act 1996 as amended, unless otherwise defined in the glossary.

<b>Accident</b>	For the purpose of this licence an accident means an unplanned event that may result in pollution.
<b>Adequate lighting</b>	20 lux measured at ground level.
<b>AER</b>	Annual Environmental Report.
<b>Aerosol</b>	A suspension of solid or liquid particles in a gaseous medium.
<b>Approval</b>	Approval in writing/electronically.
<b>Annually</b>	At approximately twelve-monthly intervals.
<b>Application</b>	The application by the licensee for this licence.
<b>Appropriate Facility</b>	A waste management facility or installation, duly authorised under relevant law and technically suitable.
<b>Attachment</b>	Any reference to Attachments in this licence refers to attachments submitted as part of this licence application.
<b>BAT</b>	Best Available Techniques.
<b>Biannually</b>	At approximately six – monthly intervals.
<b>Biennially</b>	Once every two years.
<b>BOD</b>	5-day Biochemical Oxygen Demand (without nitrification suppression).
<b>CBOD</b>	5-day Carbonaceous Biochemical Oxygen Demand (with nitrification suppression).
<b>CEN</b>	Comité Européen De Normalisation – European Committee for Standardisation.
<b>COD</b>	Chemical Oxygen Demand.
<b>Construction and demolition (C&amp;D) waste</b>	Wastes that arise from construction, renovation and demolition activities: Chapter 17 of the EWC or as otherwise may be agreed.

<b>Containment boom</b>	A boom that can contain spillages and prevent them from entering drains or watercourses or from further contaminating watercourses.
<b>CRO Number</b>	Company Register Number.
<b>Daily</b>	During all days of plant operation and, in the case of emissions, when emissions are taking place; with at least one measurement on any one day.
<b>Day</b>	Any 24-hour period.
<b>Daytime</b>	0700hrs to 1900hrs.
<b>dB(A)</b>	Decibels (A weighted).
<b>Diffuse Emissions</b>	Non-channelled emissions which can result from 'area' sources (e.g. tanks) or 'point' sources (e.g. pipe flanges).
<b>DO</b>	Dissolved oxygen.
<b>Documentation</b>	Any report, record, results, data, drawing, proposal, interpretation or other document in written or electronic form which is required by this licence.
<b>Drawing</b>	Any reference to a drawing or drawing number means a drawing or drawing number contained in the application, unless otherwise specified in this licence.
<b>Emission limits</b>	Those limits, including concentration limits and deposition rates, established in <i>Schedule B: Emission Limits</i> , of this licence.
<b>EMP</b>	Environmental Management Programme.
<b>EMS</b>	Environment Management System. The aspect of the organisation's overall management structure that addresses immediate and long-term impacts of its products, services and processes on the environment.
<b>End User Agreement</b>	An agreement between the licensee and Irish Water which provides for the contractual conditions and arrangements (outside the terms and conditions set out in this licence) relating to the acceptance of, and treatment by, Irish Water of the licensee's trade effluent and wastewater.
<b>Environmental damage</b>	As defined in Directive 2004/35/EC.
<b>EPA</b>	Environmental Protection Agency.

<b>European Waste Catalogue (EWC)</b>	A harmonised, non-exhaustive list of wastes drawn up by the European Commission and published as Commission Decision 2000/532/EC, as amended by Commission Decision 2014/955/EU and any subsequent amendment published in the Official Journal of the European Community.
<b>Evening Time</b>	1900hrs to 2300hrs.
<b>Facility</b>	Any site or premises used for the purpose of the recovery or disposal of waste.
<b>Fortnightly</b>	A minimum of 24 times per year, at approximately two-week intervals.
<b>GC/MS</b>	Gas chromatography/mass spectroscopy.
<b>Green Waste</b>	Waste wood (excluding timber), plant matter such as grass cuttings, and other vegetation.
<b>Groundwater</b>	Has the meaning assigned to it by Regulation 3 of the European Communities Environmental Objectives (Groundwater) Regulations 2010 (S.I. No. 9 of 2010), as amended.
<b>ha</b>	Hectare.
<b>Heavy metals</b>	This term is to be interpreted as set out in “Parameters of Water Quality, Interpretation and Standards” published by the Agency in 2001. ISBN 1-84095-015-3.
<b>Hours of operation</b>	The hours during which the facility is authorised to be operational.
<b>Hours of waste acceptance</b>	The hours during which the facility is authorised to accept waste.
<b>ICP</b>	Inductively coupled plasma spectroscopy.
<b>Incident</b>	The following shall constitute an incident for the purposes of this licence: (i) an emergency; (ii) any emission which does not comply with the requirements of this licence; (iii) any malfunction or breakdown of key environmental abatement, control or monitoring equipment; (iv) any exceedance of the daily duty capacity of the waste handling equipment; (v) any trigger level specified in this licence which is attained or exceeded; (vi) any indication that environmental pollution has, or may have, taken place.

<b>Industrial waste</b>	As defined in Section 5(1) of the Waste Management Act 1996 as amended.
<b>IPC</b>	Integrated Pollution Control.
<b>Irish Water</b>	Irish Water, Colvill House, 24/26 Talbot Street, Dublin 1
<b>K</b>	Kelvin.
<b>kPa</b>	Kilopascals.
<b>L<sub>Aeq,T</sub></b>	This is the equivalent continuous sound level. It is a type of average and is used to describe a fluctuating noise in terms of a single noise level over the sample period (T).
<b>Landfill Directive</b>	Council Directive 1999/31/EC.
<b>L<sub>Ar,T</sub></b>	The Rated Noise Level, equal to the L <sub>Aeq</sub> during a specified time interval (T), plus specified adjustments for tonal character and/or impulsiveness of the sound.
<b>Licensee</b>	<b>Dublin City Council, Civic Offices, Wood Quay, Dublin 8</b>
<b>Liquid waste</b>	Any waste in liquid form and containing less than 2% dry matter.
<b>Local Authority</b>	<b>Fingal County Council.</b>
<b>Maintain</b>	Keep in a fit state, including such regular inspection, servicing, calibration and repair as may be necessary to perform its function adequately.
<b>Mass flow limit</b>	An emission limit value expressed as the maximum mass of a substance that can be emitted per unit time.
<b>Mass flow threshold</b>	A mass flow rate above which a concentration limit applies.
<b>Monthly</b>	A minimum of 12 times per year, at intervals of approximately one month.
<b>Night-time</b>	2300hrs to 0700hrs.
<b>Noise-sensitive location (NSL)</b>	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other facility or area of high amenity which for its proper enjoyment requires the absence of noise at nuisance levels.

<b>Odour-sensitive location</b>	Any dwelling house, hotel or hostel, health building, educational establishment, place of worship or entertainment, or any other premises or area of high amenity which for its proper enjoyment requires the absence of odour at nuisance levels.
<b>Oil separator</b>	Device installed according to the International Standard I.S. EN 858-2:2003 (Separator system for light liquids, (e.g. oil and petrol) – Part 2: Selection of normal size, installation, operation and maintenance).
<b>Potential emissions</b>	Emissions which take place only under abnormal operating conditions. Examples include emissions from overpressure valves, bursting discs, and emergency generators.
<b>PRTR</b>	Pollutant Release and Transfer Register.
<b>Quarterly</b>	At approximately three – monthly intervals.
<b>SAC</b>	Special Area of Conservation designated under the Habitats Directive, Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora.
<b>Sample(s)</b>	Unless the context of this licence indicates to the contrary, the term samples shall include measurements taken by electronic instruments.
<b>Sanitary effluent</b>	Wastewater from facility toilet, washroom and canteen facilities.
<b>SOP</b>	Standard operating procedure.
<b>Source segregated waste</b>	Waste which is separated at source; meaning that the waste is sorted at the point of generation into a recyclable fraction(s) for separate collection (e.g., paper, metal, glass, plastic, bulk dry recyclables, biodegradables, etc.,) and a residual fraction. The expression ‘separate at source’ shall be construed accordingly.
<b>SPA</b>	Special Protection Area designated under the Birds Directive, Directive 2009/147/EC of the European Parliament and of the Council of 30 November 2009 on the conservation of wild birds.
<b>Specified emissions</b>	Those emissions listed in <i>Schedule B: Emission Limits</i> , of this licence.
<b>Standard method</b>	A National, European or internationally recognised procedure (e.g. I.S. EN, ISO, CEN, BS or equivalent); or an in-house documented procedure based on the above references; a procedure as detailed in the current edition of “Standard Methods for the Examination of Water and Wastewater” (prepared and published jointly by A.P.H.A., A.W.W.A. & W.E.F.), American Public Health Association, 1015 Fifteenth Street, N.W., Washington DC 20005, USA; or an alternative method as may be agreed by the Agency.



<b>Storm water</b>	Rain water run-off from roof and non-process areas.
<b>The Agency</b>	Environmental Protection Agency.
<b>TOC</b>	Total organic carbon.
<b>Trade effluent</b>	Trade effluent has the meaning given in the Water Services Act, 2007.
<b>Trigger level</b>	A parameter value, the achievement or exceedance of which requires certain actions to be taken by the licensee.
<b>Water Services Authority</b>	<b>Fingal</b> County Council
<b>Weekly</b>	During all weeks of plant operation and, in the case of emissions, when emissions are taking place; with at least one measurement in any one week.
<b>WWTP</b>	Waste water treatment plant.

## ***Decision and Reasons for the Decision***

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of this licence, any emissions from the activities will comply with and will not contravene any of the requirements of Section 40(4) of the Waste Management Act 1996 as amended.

The Agency accordingly proposes to grant a licence to Dublin City Council to carry on the activities listed in *Part I, Schedule of Activities Licensed*, subject to the conditions set out in *Part III, Conditions*

In reaching this decision the Agency has considered the documentation relating to the application, Register Number: W0302-01 and the supporting documentation received from the applicant; the consent received from Irish Water under Section 52 of Waste Management Act 1996, as amended; the submission received; the Inspector's Report dated **08 October 2021**; and has carried out an Environmental Impact Assessment (EIA) Screening and an Appropriate Assessment Screening of the likely significant effects of the activities on European Sites.

EIA, as respects the matters that come within the functions of the Agency, was not required for the activity to which this decision relates. The activity is below the specified threshold of project type 11(b) in Part 2 of Schedule 5 of the Planning and Development Regulations 2001 as amended: Installations for the disposal of waste with an annual intake greater than 25,000 tonnes not included in Part 1 of this Schedule.

Having considered the information provided by the applicant, which satisfies the requirements of Annex II A of the EIA Directive, it has been determined that the activity is not likely to give rise to significant effects on the environment by virtue of its nature, size or location.

A screening for Appropriate Assessment was undertaken to assess, in view of best scientific knowledge and the conservation objectives of the site, if the activities, individually or in combination with other plans or projects are likely to have a significant effect on any European Site. In this context, particular attention was paid to the European Sites at **North Bull Island SPA (Site Code: 004006)**; **South Dublin Bay and River Tolka Estuary SPA (Site Code: 004024)**; **North Dublin Bay SAC (Site Code: 000206)** and **South Dublin Bay SAC (Site Code: 000210)**.

The activities are not directly connected with or necessary to the management of any European Site and the Agency considered, for the reasons set out below, that it can be excluded, on the basis of objective information, that the activities, individually or in combination with other plans or projects, will have a significant effect on any European Site and accordingly determined that an Appropriate Assessment of the activities was not required. The reasons for this determination are as follows:

- **The proposed facility is not located within or directly adjacent to any designated European Site; the nearest site is approximately 5.5 km away. As such, direct impacts on qualifying interests will not arise.**
- **There is no direct hydrological connection between the facility and European sites. The nearest surface water (Santry River) is 500m to the north, there are no surface waters at the site; all drains in the vicinity of the site are culverted.**
- **There will be no process emissions to air, ground, groundwater or surface water from the facility. Waste water will be discharged to sewer. Storm water is discharged to a storm water drain. As such there is unlikely to be significant impacts on air and marine water quality upon which the qualifying interests depend.**
- **The risk of environmental pollution arising from the facility is low due to the limited scale of the activity, the type of waste to be accepted, the impermeable surfaces where waste handling will take place and the waste handling procedures in operation.**

## ***Part I Schedule of Activities Licensed***

In pursuance of the powers conferred on it by the Waste Management Act 1996 as amended, the Environmental Protection Agency (the Agency) proposes, under Section 40(1) of the said Acts to grant this Waste Licence to **Dublin City Council, Civic Offices, Wood Quay, Dublin 8** to carry on the waste activities listed below at **North City Operations Depot, St. Margaret's Road, Ballymun, Dublin 11**, subject to conditions, with the reasons therefor and the associated schedules attached thereto set out in the licence.

### **Licensed Waste Disposal Activities, in accordance with the Third Schedule of the Waste Management Act 1996 as amended**

<b>Class D 13.</b>	<b>Blending or mixing prior to submission to any of the operations numbered D 1 to D 12 (if there is no other D code appropriate, this can include preliminary operations prior to disposal including pre-processing such as, amongst others, sorting, crushing, compacting, pelletising, drying, shredding, conditioning or separating prior to submission to any of the operations numbered D1 to D12).</b>
<b>Class D 14.</b>	<b>Repackaging prior to submission to any of the operations numbered D 1 to D 13.</b>
<b>Class D 15. [Principal Activity]</b>	<b>Storage pending any of the operations numbered D 1 to D 14 (excluding temporary storage (being preliminary storage according to the definition of "collection" in section 5(1), pending collection on the site where the waste is produced).</b>

### **Licensed Waste Recovery Activities, in accordance with the Fourth Schedule of the Waste Management Act 1996 as amended**

<b>Class R 12.</b>	<b>Exchange of waste for submission to any of the operations numbered R 1 to R 11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as, amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11).</b>
<b>Class R 13.</b>	<b>Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage (being preliminary storage according to the definition of 'collection' in section 5(1)), pending collection, on the site where the waste is produced).</b>

## ***Part II Schedule of Activities Refused***

None of the activities as set out in the licence application have been refused.

## ***Part III Conditions***

### **Condition 1. Scope**

- 1.1 Waste activities at this facility shall be restricted to those listed and described in *Part I Schedule of Activities Licensed* and shall be as set out in the licence application or as modified under Condition 1.5 of this licence and subject to the conditions of this licence.
- 1.2 The licensee shall carry on the licensed activities in accordance with the limitations set out in *Schedule A: Limitations* of this licence.
- 1.3 For the purposes of this licence, the facility is the area of land outlined in in **red** on **Drawing No. NCOD-TOB-ZZ-XX-DR-CE-6250A (Revision A) (Title: SITE PLAN)** of the application. Any reference in this licence to “facility” shall mean the area thus outlined in red. The licensed activities shall be carried on only within the area outlined
- 1.4 All activities which are directly associated with, and technically connected to the licensed activity, whether operated by the licensee or by another party, shall be subject to the conditions of this licence, and the licensee shall bear full responsibility for any breach of these conditions.
- 1.5 No alteration to, or reconstruction in respect of, the activity, or any part thereof, that would, or is likely to, result in
- (i) a material change or increase in:
- the nature or quantity of any emission;
  - the abatement/treatment or recovery systems;
  - the range of processes to be carried out;
  - the fuels, raw materials, intermediates, products or wastes generated, or
- (ii) any changes in:
- site management, infrastructure or control with adverse environmental significance,
- shall be carried out or commenced without prior notice to, and without the approval of, the Agency.
- 1.6 The facility shall be controlled, operated and maintained, and emissions shall take place as set out in the licence. All programmes required to be carried out under the terms of this licence become part of this licence.
- 1.7 This licence is for purposes of waste licensing under the Waste Management Act 1996 as amended only and nothing in this licence shall be construed as negating the licensee’s statutory obligations, or requirements under any other enactments or regulations.

<b>Reason:</b> <i>To clarify the scope of this licence.</i>
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### **Condition 2. Management of the Facility**

- 2.1 Facility Management
- 2.1.1 The licensee shall employ a suitably qualified and experienced facility manager who shall be designated as the person in charge. The facility manager or a nominated, suitably qualified and experienced deputy shall be present on the facility at all times during its operation or as otherwise required by the Agency.
- 2.1.2 The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and experience as required and shall be aware of the requirements of this licence. In addition, the facility manager and

his/her deputy shall successfully complete an **accredited** waste management training programme or equivalent agreed by the Agency.

## 2.2 Environmental Management System (EMS)

2.2.1 The licensee shall establish, maintain and implement an Environmental Management System (EMS) in advance of the commencement of the activity. The EMS shall be updated on an annual basis.

2.2.2 The EMS shall include, as a minimum, the following elements:

2.2.2.1 Management and Reporting Structure.

2.2.2.2 An environmental policy, defined by Management, that includes a commitment to continuous improvement of the environmental performance of the facility.

2.2.2.3 Schedule of Environmental Objectives and Targets

The licensee shall prepare, maintain and implement a Schedule of Environmental Objectives and Targets. The schedule shall, as a minimum, provide for a review of all operations and processes, as referred to in the conditions of this licence, including an evaluation of practicable options for:

- (i) energy and resource efficiency;
- (ii) the reduction in water consumption;
- (iii) the reduction in effluent generation;
- (iv) the use of cleaner technology, cleaner production;
- (v) odour and noise management;
- (vi) the prevention, reduction and minimisation of waste including waste reduction targets; and
- (vii) the impacts from eventual decommissioning of the facility.

The Schedule shall include time frames for the achievement of set targets and shall address a five-year period as a minimum. The Schedule shall be reviewed annually.

2.2.2.4 Environmental Management Programme (EMP)

The licensee shall prepare, maintain and implement an EMP, including a time schedule, for achieving the Environmental Objectives and Targets prepared under Condition 2.2.2.2 above. The EMP shall include:

- designation of responsibility for targets;
- the means by which they may be achieved; and
- the time within which they may be achieved.

The EMP shall be reviewed annually.

A report on the programme, including the success in meeting agreed targets, shall be prepared and submitted to the Agency as part of the AER. Such reports shall be retained on-site for a period of not less than seven years and shall be available for inspection by authorised persons of the Agency.

2.2.2.5 Documentation

- (i) The licensee shall establish, maintain and implement an environmental management documentation system which shall be to the satisfaction of the Agency.
- (ii) The licensee shall issue a copy of this licence to all relevant personnel whose duties relate to any condition of this licence.

#### 2.2.2.6 Corrective Action

- (i) The licensee shall establish, maintain and implement procedures to ensure that corrective and preventative action is taken should the specified requirements of this licence not be fulfilled. The responsibility and authority for persons initiating further investigation and corrective and preventative action in the event of a reported non-conformity with this licence shall be defined.
- (ii) Where a breach of one or more of the conditions of this licence occurs, the licensee shall without delay take measures to restore compliance with the conditions of this licence in the shortest possible time and initiate any feasible preventative actions to prevent recurrence of the breach.
- (iii) All corrective and preventative actions shall be documented.

#### 2.2.2.7 Awareness and Training

The licensee shall establish, maintain and implement procedures for identifying training needs, and for providing appropriate training, for all personnel whose work can have a significant effect upon the environment. Appropriate records of training shall be maintained.

#### 2.2.2.8 Public Awareness and Communications Programme

The licensee shall establish, maintain and implement a Public Awareness and Communications Programme to ensure that members of the public can obtain information at the facility, at all reasonable times, concerning the environmental performance of the facility.

The Public Awareness and Communication Programme shall include a specific programme of outreach to interested local residents on matters relating to the prevention of nuisance, including odours and noise and other factors at the facility. The programme shall be agreed by the Agency and a report on the programme shall be prepared and submitted to the Agency annually.

- 2.2.2.9 The licensee shall establish and maintain **and implement** a programme for maintenance of all plant and equipment based on the instructions issued by the manufacturer/supplier or installer of the equipment. Appropriate record keeping and diagnostic testing shall support this maintenance programme. The licensee shall clearly allocate responsibility for the planning, management and execution of all aspects of this programme to appropriate personnel (see Condition 2.1 above).

#### 2.2.2.10 Efficient Process Control

The licensee shall establish, maintain and implement a programme to ensure there is adequate control of processes under all modes of operation. The programme shall identify the key indicator parameters for process control performance, as well as identifying methods for measuring and controlling these parameters. Abnormal process operating conditions shall be documented, and analysed to identify any necessary corrective action.

**Reason:** *To make provision for management of the activity on a planned basis having regard to the desirability of ongoing assessment, recording and reporting of matters affecting the environment.*

### Condition 3. Infrastructure and Operation

- 3.1 The licensee shall ensure, at all times after commencement of the activity, that all infrastructure and all equipment required under this licence has been and is:

- (i) installed;
  - (ii) commissioned;
  - (iii) present on site; and
  - (iv) maintained in full working order.
- 3.2 The licensee shall have regard to the following when choosing and/or designing any new plant/infrastructure:
  - (i) Energy efficiency, and
  - (ii) The environmental impact of eventual decommissioning.
- 3.3 Where any condition or schedule of this licence specifies any later deadline for installation of any piece of infrastructure or equipment, Condition 3.1 shall apply as and from the deadline specified.
- 3.4 The licensee shall establish and maintain, for each component of the facility, all infrastructure referred to in this licence in advance of the commencement of the licensed activities in that component, or as required by the conditions of this licence. Infrastructure specified in the application that relates to the environmental performance of the facility and is not specified in the licence, shall be installed in accordance with the schedule submitted in the application.
- 3.5 Facility Notice Board
  - 3.5.1 The licensee shall, prior to the commencement of the activity, provide a Facility Notice Board on the facility so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the board shall be 1200 mm by 750 mm. The notice board shall be maintained thereafter.
  - 3.5.2 The board shall clearly show:
    - (i) the name and telephone number of the facility;
    - (ii) the normal hours of opening;
    - (iii) the name of the licence holder;
    - (iv) an emergency out of hours contact telephone number;
    - (v) the licence reference number; and
    - (vi) where environmental information relating to the facility can be obtained.
  - 3.5.3 A plan of the facility clearly identifying the location of each storage and treatment area shall be displayed as close as is possible to the entrance to the facility. The plan shall be displayed on a durable material such that is legible at all times. The plan shall be replaced as material changes to the facility are made.
- 3.6 The licensee shall install on all emission points such sampling points or equipment, including any data-logging or other electronic communication equipment, as may be required by the Agency. All such equipment shall be consistent with the safe operation of all sampling and monitoring systems.
- 3.7 In the case of composite sampling of aqueous emissions from the operation of the facility, a separate composite sample or homogeneous sub-sample (of sufficient volume as advised) shall be refrigerated immediately after collection and retained as required for EPA use.
- 3.8 The licensee shall clearly label and provide safe and permanent access to all on-site sampling and monitoring points and to off-site points as required by the Agency. The requirement with regard to off-site points is subject to the prior agreement of the landowner(s) concerned.
- 3.9 Tank, Container and Drum Storage Areas
  - 3.9.1 All tank, container and drum storage areas shall be rendered impervious to the materials stored therein. Bunds shall be designed having regard to Agency guidelines 'Storage and Transfer of Materials for Scheduled Activities' (2004). All 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; or
    - (ii) 25% of the total volume of substance that could be stored within the bunded area.



- 3.9.2 All drainage from bunded areas shall be treated as contaminated unless it can be demonstrated to be otherwise. All drainage from bunded areas shall be diverted for collection and safe disposal, unless it can be deemed uncontaminated and does not exceed the trigger levels set for storm water emissions under Condition 6.11 of this licence.
- 3.9.3 All inlets, outlets, vent pipes, valves and gauges must be within the bunded area.
- 3.9.4 All tanks, containers and drums shall be labelled to clearly indicate their contents.
- 3.9.5 All bunds shall be uniquely identified and labelled at the bund.
- 3.10 The licensee shall have in storage an adequate supply of containment booms and/or suitable absorbent material to contain and absorb any spillage at the facility. Once used, the absorbent material shall be disposed of at an appropriate facility.
- 3.11 Silt Traps and Oil Separators
- The licensee shall, prior to the commencement of the activity, install and maintain silt traps and oil separators at the facility:
- (i) Silt traps to ensure that all storm water discharges, other than from roofs, from the facility pass through a silt trap in advance of discharge;
- (ii) An oil separator on the storm water discharge from yard areas. The separator shall be a Class I by-pass separator.
- The separator shall be in accordance with I.S. EN-858-2: 2003 (separator systems for light liquids).
- 3.12 Fire-water Retention
- 3.12.1 The licensee shall carry out a risk assessment to determine if the activity should have a fire-water retention facility. The licensee shall submit a report to the Agency for approval on the findings and recommendations of the assessment prior to the commencement of the activity.
- 3.12.2 In the event that a significant risk exists for the release of contaminated fire-water, the licensee shall, based on the findings of the risk assessment, prepare and implement, with the approval of the Agency, a suitable risk management programme. The risk management programme shall be fully implemented within three months of date of notification by the Agency.
- 3.12.3 The licensee shall examine (based upon the findings of the risk assessment in Condition 3.12.1) as part of the **risk management** programme in Condition 3.12.2 the need to provide automatic diversion of storm water for collection.
- 3.12.4 The licensee shall have regard to any guidelines issued by the Agency with regard to firewater retention when carrying out the requirements of Conditions 3.12.1 and 3.12.2.
- 3.13 All pump sumps, storage tanks, lagoons or other treatment plant chambers from which spillage of environmentally significant materials might occur in such quantities as are likely to breach local or remote containment or separators, shall be fitted with high liquid level alarms (or oil detectors as appropriate) prior to the commencement of the activity.
- 3.14 The provision of a catchment system to collect any leaks from flanges and valves of all over-ground pipes used to transport material other than water shall be examined. This shall be incorporated into a Schedule of Environmental Objectives and Targets set out in Condition 2 of this licence for the reduction in diffuse emissions.
- 3.15 The licensee shall, prior to the commencement of the activity, install in a prominent location on the site a wind sock, or other wind direction indicator, which shall be visible from the public roadway outside the site.
- 3.16 Facility Roads and Site Surfaces
- 3.16.1 Effective site roads shall be provided and maintained to ensure the safe and nuisance free movement of vehicles within the facility.

- 3.16.2 The licensee shall provide and maintain an impermeable concrete surface in all areas of the facility; the surfaces shall be concreted and constructed to British Standard 8110 or an alternative as agreed by the Agency. The licensee shall remedy any defect in concrete surfaces **as soon as practicable**.

**Reason:** *To provide for appropriate operation of the facility to ensure protection of the environment.*

## Condition 4. Interpretation

- 4.1 Emission limit values for emissions to sewer/waters in this licence shall be achieved without the introduction of dilution, and shall be interpreted in the following way:
- 4.1.1 Continuous Monitoring
- (i) No flow value shall exceed the specific limit.
  - (ii) No pH value shall deviate from the specified range.
  - (iii) No temperature value shall exceed the limit value.
- 4.1.2 Composite Sampling
- (i) No pH value shall deviate from the specified range.
  - (ii) For parameters other than pH and flow, eight out of ten consecutive composite results, based on flow proportional composite sampling, shall not exceed the emission limit value. No individual results similarly calculated shall exceed 1.2 times the emission limit value.
- 4.1.3 Discrete Sampling
- For parameters other than pH and temperature, no grab sample value shall exceed 1.2 times the emission limit value.
- 4.2 Where the ability to measure a parameter is affected by mixing before emission, then, with agreement from the Agency, the parameter may be assessed before mixing takes place.
- 4.3 Noise
- Noise from the facility shall not give rise to sound pressure levels measured at noise-sensitive locations (NSLs) which exceed the limit value(s).
- 4.4 Dust and Particulate Matter
- Dust and particulate matters from the activity shall not give rise to deposition levels which exceed the limit value(s).

**Reason:** *To clarify the interpretation of limit values fixed under the licence.*

## Condition 5. Emissions

- 5.1 Emissions may be made from the specified emission points set out in *Schedule B: Emission Limits*, of this licence subject to compliance with the Emission Limit Values specified in that Schedule.
- 5.1.1 Uncontaminated storm water may be discharged to surface water.
- 5.1.2 Uncontaminated storm water may be emitted to groundwater or to soil.
- 5.1.3 Minor, diffuse and potential emissions may be emitted to air as specified in the application, or as approved by the Agency under Condition 1 of this licence.

- 5.2 Notwithstanding the requirements of Condition 5.1, there shall be no other emissions from the facility.
- 5.3 No emissions, including odours and dust, from the activities carried on at the site shall result in an impairment of, or an interference with amenities or the environment beyond the facility boundary or any other legitimate uses of the environment beyond the facility boundary.
- 5.4 No substance shall be discharged in a manner, or at a concentration, that, following initial dilution, causes tainting of fish or shellfish.
- 5.5 The licensee shall ensure that all or any of the following:
- Vermin
  - Birds
  - Flies
  - Mud
  - Litter
- associated with the activity do not result in an impairment of, or an interference with, amenities or the environment at the facility or beyond the facility boundary or any other legitimate uses of the environment beyond the facility boundary. Any method used by the licensee to control or prevent any such impairment/interference shall not cause environmental pollution.
- 5.6 Emissions to Sewer
- 5.6.1 Other than the trade effluent authorised to be discharged under this licence, the licensee shall at no time discharge or cause or permit to be discharged into the sewer trade effluent or any other matter unless authorised in writing by Irish Water.
- 5.6.2 The licensee shall ensure that any trade effluent generated from canteen activities shall pass through appropriate grease removal equipment prior to discharge to sewer.
- 5.6.3 A summary report of volumes of trade effluent and other matter discharged to the sewer along with monitoring and analysis data as specified in *Schedule B: Emission Limits to Sewer*, of this licence and *Schedule C: Control and Monitoring*, of this licence shall be forwarded to both Irish Water and the Local Authority in a manner and timeframe as may be specified by Irish Water.

**Reason:** *To provide for the protection of the environment by way of control and limitation of emissions and to provide for the requirements of Irish Water in accordance with Section 52 of the Waste Management Act 1996 as amended.*

## Condition 6. Control and Monitoring

- 6.1 The licensee shall carry out such sampling, analyses, measurements, examinations, maintenance and calibrations as set out below and as in accordance with *Schedule C: Control and Monitoring*, of this licence.
- 6.1.1 Sampling and analysis shall be undertaken by competent staff in accordance with documented operating procedures.
- 6.1.2 Such procedures shall be assessed for their suitability for the test matrix and performance characteristics shall be determined.
- 6.1.3 Such procedures shall be subject to a programme of Analytical Quality Control using appropriate control standards with evaluation of test responses.
- 6.1.4 Where any analysis is sub-contracted it shall be outsourced to a competent laboratory.
- 6.2 The licensee shall ensure that:
- (i) sampling and analysis for all parameters listed in the schedules to this licence; and
  - (ii) any reference measurements for the calibration of automated measurement systems

- shall be carried out in accordance with CEN-standards. If CEN standards are not available, ISO, national or international standards, which will ensure the provision of data of an equivalent scientific quality, shall apply.
- 6.3 All automatic monitors and samplers shall be functioning at all times (except during maintenance and calibration) when the activity is being carried on unless alternative sampling or monitoring has been approved in writing by the Agency for a limited period. In the event of the malfunction of any continuous monitor, the licensee shall contact the Agency as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. The use of alternative equipment, other than in emergency situations, shall be as approved by the Agency.
- 6.4 Monitoring and analysis equipment shall be installed, operated and maintained as necessary so that all monitoring results accurately reflect any emission, discharge or parameter specified in this licence.
- 6.5 All treatment/abatement and emission control equipment shall be calibrated and maintained in accordance with the instructions issued by the manufacturer/supplier or installer.
- 6.6 The frequency, methods and scope of monitoring, sampling and analyses, as set out in this licence, may be amended as required or approved by the Agency following evaluation of test results.
- 6.7 The licensee shall prepare and implement a programme, to the satisfaction of the Agency, for the identification and reduction of diffuse emissions using an appropriate combination of best available techniques. This programme shall be included in the Environmental Management Programme.
- 6.8 The integrity and water tightness of all tanks, bunding structures, containers and underground pipes and their resistance to penetration by water or other materials carried or stored therein shall be tested and demonstrated by the licensee prior to use.
- 6.8.1 Testing shall be carried out by a suitably qualified and experienced person;
- 6.8.2 Testing shall be carried out in accordance with any guidance published by the Agency;
- 6.8.3 Testing shall be carried out at least once every three years thereafter and reported to the Agency on each occasion;
- 6.8.4 Any repairs required to ensure the ensure the integrity and water tightness of tanks, bunding structures, containers and underground pipes shall be carried out as soon as practicable; and
- 6.8.5 A written record of all integrity tests and any maintenance or remedial work arising from them shall be maintained by the licensee.’
- 6.9 The storm water drainage system (i.e., gullies, manholes, any visible drainage conduits and such other aspects as may be required by the Agency), bunds, silt traps and oil separators shall be inspected weekly, desludged as necessary and properly maintained at all times. All sludge and drainage from these operations shall be collected for safe disposal. The licensee shall maintain a drainage map on site. The drainage map shall be reviewed annually and updated as necessary.
- 6.10 An inspection system for the detection of leaks on all flanges and valves on over-ground pipes used to transport materials other than water shall be developed and maintained prior to the commencement of the activity.
- 6.11 Storm Water
- 6.11.1 A visual examination of the storm water discharges shall be carried out daily. A log of such inspections shall be maintained.
- 6.11.2 The licensee shall, within six months of commencement of the activity, establish suitable trigger levels for **suspended solids and Total Organic Carbon (TOC)**. The licensee shall have a response programme to address any exceedance of the trigger values. The licensee shall have regard to the Environmental Protection Agency “Guidance on the setting of trigger values for storm water discharges to off-site surface waters at EPA IPPC and Waste licensed facilities” when establishing the suitable trigger levels.

- 6.12 Noise
- 6.17.1 The licensee shall carry out a noise survey of the site operations as required by the Agency. The survey programme shall be undertaken in accordance with the methodology specified in the 'Guidance Note for Noise: Licence Applications, Surveys and Assessments in Relation to Scheduled Activities (NG4)' as published by the Agency.
- 6.13 The licensee shall, within six months of the date of grant of this licence, develop and establish a Data Management System for collation, archiving, assessing and graphically presenting the monitoring data generated as a result of this licence.
- 6.14 Odour
- 6.14.1 The licensee shall carry out an odour survey of the site operations weekly.
- 6.14.2 The survey programme shall be undertaken in accordance with the methodology specified in the 'Air Guidance Note 5 (AG5) Odour Impact Assessment Guidance for EPA Licensed Sites' as published by the Agency.
- 6.15 Odour Management Plan
- 6.15.1 The licensee shall prepare, maintain and implement, to the satisfaction of the Agency, an Odour Management Plan.
- 6.15.2 The plan shall be submitted **prior to the commencement of the activity**.
- 6.15.3 The plan shall outline odour reduction and abatement measures.
- 6.15.4 The plan shall as a minimum address the storage and handling of wastes and other materials with a potential for causing odour.
- 6.15.5 The plan shall be prepared in accordance with the Agency's *Odour Emissions Guidance Note (Air Guidance Note AG9)*.
- 6.15.6 The plan shall be reviewed annually.
- 6.16 Operational Controls**
- 6.16.1 **The general compaction area and all areas used to store or treat municipal waste shall be cleaned as a minimum on a weekly basis.**
- 6.16.2 **The floor of street sweeping, and gully waste bays shall be washed down and cleaned on each occasion such bays are emptied, or as a minimum on a weekly basis.**
- 6.16.3 Scavenging shall not be permitted at the facility.
- 6.16.4 There shall be no unauthorised public access to the facility.
- 6.17 Storm Water and Run-off Management
- 6.17.1 Run-off from process areas of the facility used for the holding, storage and treatment of waste shall be discharged to foul sewer.
- 6.17.2 Run-off from process areas of the facility used for the holding, storage and treatment of waste shall not be discharged to the storm water drainage system.
- 6.17.3 The licensee shall ensure that storm waters that have the potential to become contaminated through contact with waste, are physically segregated from and managed separately to, storm waters that do not have the potential to become contaminated through contact with waste.
- 6.18 Litter Control
- 6.18.1 All loose litter or other waste, placed on or in the vicinity of the facility, other than in accordance with the requirements of this licence, shall be removed immediately and in any event by 10.00 am of the next working day after such waste is discovered.
- 6.18.2 The licensee shall ensure that all vehicles delivering waste to and removing waste and materials from the facility are appropriately covered.

- 6.19 Dust and odour control
- 6.19.1 **All odour forming waste stored overnight at the facility, shall be stored in suitably covered and enclosed containers to minimise odour emissions.**
- 6.19.2 **The compaction of mixed municipal waste shall take place in enclosed containers to minimise odour emissions.**
- 6.19.3 In dry weather, site roads and any other areas used by vehicles shall be sprayed with water as and when required to minimise airborne dust nuisance.
- 6.19.4 The road network in the vicinity of the facility shall be kept free from any debris caused by vehicles entering or leaving the facility. Any such debris or deposited materials shall be removed without delay.
- 6.20 Nuisance Monitoring
- The licensee shall, at a minimum of one-week intervals, inspect the facility and its immediate surrounds for nuisances caused by litter, vermin, birds, flies, mud, dust and odours. The licensee shall maintain a record of all nuisance inspections.
- 6.21 Vermin, Wasps and Flies
- 6.21.1 Within three months of the date of commencement of the activity, the licensee shall establish and maintain a programme for the control and eradication of vermin, wasp and fly infestations at the facility.
- 6.21.2 This programme should include as a minimum, operator training, details on the rodenticides and insecticides, if any, to be used, mode and frequency of application and measures to contain sprays within the facility.

**Reason:** *To provide for the protection of the environment by way of treatment and monitoring of emissions and to provide for the requirements of Irish Water in accordance with Section 52 of the Waste Management Act 1996 as amended.*

## **Condition 7. Resource Use and Energy Efficiency**

- 7.1 The licensee shall carry out an audit of the energy efficiency of the site within one year of the commencement of the activity. The audit shall be carried out in accordance with the guidance published by the Agency, "Guidance Note on Energy Efficiency Auditing". The energy efficiency audit shall be repeated at intervals as required by the Agency.
- 7.2 The audit shall identify all practicable opportunities for energy use reduction and efficiency and the recommendations of the audit will be incorporated into the Schedule of Environmental Objectives and Targets under Condition 2 above.
- 7.3 The licensee shall identify opportunities for reduction in the quantity of water used on site including recycling and reuse initiatives, wherever possible. Reductions in water usage shall be incorporated into the Schedule of Environmental Objectives and Targets under Condition 2 above.
- 7.4 The licensee shall undertake an assessment of the efficiency of use of raw materials in all processes, having particular regard to the reduction in waste generated. The assessment should take account of best international practice for this type of activity. Where improvements are identified, these shall be incorporated into the Schedule of Environmental Objectives and Targets under Condition 2 above.

**Reason:** *To provide for the efficient use of resources and energy in all site operations.*

## **Condition 8. Materials Handling**

- 8.1 The licensee shall ensure that waste generated in the carrying on of the activity shall be prepared for re-use, recycling or recovery or, where that is not technically or economically possible, disposed of in a manner which will prevent or minimise any impact on the environment.
- 8.2 Disposal or recovery of waste on-site shall only take place in accordance with the conditions of this licence and in accordance with the appropriate National and European legislation and protocols.
- 8.3 Waste sent off-site for recovery or disposal
- 8.3.1 Waste sent off-site for recovery or disposal shall be transported only by an authorised waste contractor. The waste shall be transported from the site of the activity to the site of recovery/disposal only in a manner that will not adversely affect the environment and in accordance with the appropriate National and European legislation and protocols.
- 8.3.2 Waste sent off-site for recovery or disposal shall be transferred only to an appropriate facility.
- 8.3.3 **Waste sent off-site for recovery or disposal shall be weighed prior to leaving the site.**
- 8.4 The loading and unloading of materials shall be carried out in designated areas protected against spillage and leachate run-off.
- 8.5 Waste and materials shall be stored in designated areas, protected as may be appropriate against spillage and leachate run-off. The waste and materials shall be clearly labelled and appropriately segregated.
- 8.6 Waste for disposal/recovery off-site shall be analysed in accordance with *Schedule C: Control and Monitoring*, of this licence.
- 8.7 Unless approved in writing, in advance, by the Agency the licensee is prohibited from mixing a hazardous waste of one category with a hazardous waste of another category or with any other non-hazardous waste.
- 8.8 The licensee shall neither import waste into the State nor export waste out of the State except in accordance with the relevant provisions of Regulation (EC) No 1013/2006 of the European Parliament and of the Council of 14th June 2006 on shipments of waste and associated national regulations.
- 8.9 The licensee shall ensure that, in advance of transfer to another person, waste shall be classified, packaged and labelled in accordance with National, European and any other standards which are in force in relation to such labelling.
- 8.10 Waste Acceptance and Characterisation Procedures
- 8.10.1 **Waste shall only be accepted at the facility from Dublin City Council operations.**
- 8.10.2 The licensee shall establish, maintain and implement detailed written procedures and criteria for:
- (i) basic characterisation, compliance testing and acceptance of all wastes arriving at the facility;
  - (ii) rejection of unacceptable incoming waste; and
  - (iii) ensuring adequate storage capacity exists in advance of waste acceptance.
- 8.10.3 Waste arriving at the facility shall be inspected, documented and directed to an appropriate area within the facility. Each load of waste arriving at the facility shall be inspected prior to and during unloading. Only after such inspections shall the waste be accepted.
- 8.10.4 A record of all inspections of incoming waste loads shall be maintained.
- 8.10.5 The licensee shall maintain a list of the List of Waste codes that are authorised for acceptance at the facility. New List of Waste codes may be added to the list if agreed by the Agency.

- 8.10.6 Any waste deemed unsuitable for processing at the facility and/or in contravention of this licence shall be immediately separated and removed from the facility at the earliest possible time. Temporary storage of such wastes shall be in a designated Waste Quarantine Area. Waste shall be stored under appropriate conditions in the quarantine area to avoid putrefaction, odour generation, the attraction of vermin and any other nuisance or objectionable condition.
- 8.11 Unless otherwise agreed by the Agency the licensee shall not dispose of any waste that has been accepted at the facility for the purpose of a recovery activity. This condition shall not apply to non-recyclable waste that is separated by the licensee from the incoming waste for disposal.
- 8.12 Waste Storage Plan
- 8.12.1 The licensee shall, within three months of the date of commencement of the activity, maintain and implement a Waste Storage Plan for all waste stored or held at the facility.
- 8.12.2 The Waste Storage Plan shall be adequate to ensure compliance with all conditions of this licence.
- 8.12.3 The Waste Storage Plan shall be to the satisfaction of the Agency at all times.
- 8.12.4 The Waste Storage Plan shall include:
- (i) the recommendations of the Fire Risk Assessment required by Condition 9.5 of this licence;
  - (ii) a limit on the total quantity of waste to be stored at the facility at any one time;
  - (iii) maximum stockpile sizes in designated storage areas including maximum volume, height, length, width and area, and minimum separation distances;
  - (iv) a limit on the maximum storage or holding period for each type of waste in designated storage areas;
  - (v) limitations, as may be necessary, on waste storage arrangements to be used to prevent odours arising;
  - (vi) an updated drawing or plan of the location of each waste type and the means of storage for each waste type (e.g. as loose waste, baled, in sealed containers);
  - (vii) updated details of the drainage system super-imposed on the above drawing or plan; and
  - (viii) a designated fire quarantine area that is:
    - available at all times to aid separation and management of wastes during a fire incident; and,
    - is different to the quarantine area set aside for unacceptable wastes.
- 8.12.5 Waste storage and holding practices at the facility shall comply at all times with the Waste Storage Plan.
- 8.12.6 Waste accepted or generated at the facility shall be stored or held only in designated areas that have been identified in the Waste Storage Plan.
- 8.12.7 All designated areas for storage or holding of waste shall be:
- clearly labelled;
  - appropriately segregated; and
  - visibly or physically delineated by walls, dividers, painted lines or marks on the ground or other methods acceptable to the Agency.
- 8.12.8 The Emergency Response Procedure as required under Condition 9 of this licence shall include an up-to-date copy of the Waste Storage Plan.

**Reason:** *To provide for the appropriate handling of material and the protection of the environment.*



## Condition 9. Accident Prevention and Emergency Response

- 9.1 The licensee shall, in advance of the commencement of the activity, ensure that a documented Accident Prevention Procedure is in place that addresses the hazards on-site, particularly in relation to the prevention of accidents with a possible impact on the environment. This procedure shall be reviewed annually and updated as necessary.
- 9.2 The licensee shall, in advance of the date of commencement of the activity, ensure that a documented Emergency Response Procedure is in place, that addresses any emergency situation which may originate on-site. This procedure shall include provision for minimising the effects of any emergency on the environment. This procedure shall be reviewed annually and updated as necessary.
- 9.3 Incidents
- 9.3.1 In the event of an incident the licensee shall immediately:
- (i) carry out an investigation to identify the nature, source and cause of the incident and any emission arising therefrom;
  - (ii) isolate the source of any such emission;
  - (iii) evaluate the environmental pollution, if any, caused by the incident;
  - (iv) identify and execute measures to minimise the emissions/malfunction and the effects thereof;
  - (v) identify the date, time and place of the incident; and
  - (vi) notify the Agency as required by Condition 11.4 of this licence.
- 9.3.2 The licensee shall provide a proposal to the Agency for its agreement within one month of the incident occurring or as otherwise agreed by the Agency, to:
- (i) identify and put in place measures to avoid recurrence of the incident; and
  - (ii) identify and put in place any other appropriate remedial actions.
- 9.3.3 Where an incident or accident that significantly affects the environment occurs, the licensee shall, without delay take measures to limit the environmental consequences of the incident or accident and to prevent further incident or accident.
- 9.4 Emergencies
- 9.4.1 All significant spillages occurring at the facility shall be treated as an emergency and immediately cleaned up and dealt with so as to alleviate their effects.
- 9.4.2 No waste shall be burnt within the boundaries of the facility. A fire at the facility shall be treated as an emergency and immediate action shall be taken to extinguish it and notify the appropriate authorities.
- 9.5 The licensee shall arrange with the agreement of the Agency, a timeline for the completion, by an independent and appropriately qualified consultant, of a fire risk assessment for the facility. The assessment shall examine all relevant factors on site that impinge on fire risk and prevention. The assessment shall have regard to any guidelines issued by the Agency with regard to fire risk assessment. A report on the fire risk assessment shall be prepared within six months of the date of grant of this licence. Any recommendations in the fire risk assessment shall be implemented by the licensee.

**Reason:** *To provide for the protection of the environment.*

## Condition 10. Closure, Restoration and Aftercare Management

- 10.1 Following termination, or planned cessation for a period greater than six months, of use or involvement of all or part of the site in the licensed activity, the licensee shall, to the satisfaction of the Agency, decommission, render safe or remove for disposal/recovery any soil, subsoil, buildings, plant or equipment, or any waste, materials or substances or other matter contained therein or thereon, that may result in environmental pollution. A final validation report to include a certificate of completion to demonstrate there is no continuing risk to the environment shall be submitted to the Agency within three months of termination or planned cessation of the activity.

***Reason: To make provision for the proper closure of the activity ensuring protection of the environment.***

## **Condition 11. Notification, Records and Reports**

- 11.1 The licensee shall submit the reports, proposals and submissions required by this licence by the deadlines specified. The licensee shall not be in compliance with the requirements of this condition unless and until it has submitted every report, proposal and submission, the deadline for which has passed.
- 11.2 The licensee shall carry out every action required by the Agency, and arising out of such reports, proposals or submission, by such deadline as the Agency may specify. The licensee shall not be in compliance with the requirements of this condition unless and until it has carried out every such action.
- 11.3 The licensee shall notify the Agency of the intended date of commencement of the Scheduled Activity, one month in advance of commencement, in a format as may be specified by the Agency.
- 11.4 The licensee shall notify the Agency, in a format as may be specified by the Agency as soon as practicable after the occurrence of any of the following:
- (i) an incident or accident as defined by the glossary;
  - (ii) any emission that does not comply with the requirements of this licence.
- The licensee shall include as part of the notification, date and time of the incident, summary details of the occurrence, and where available, the steps taken to minimise any emissions. All details required to be communicated must be in accordance with any guidance provided by the Agency.
- 11.5 In the event of any incident which relates to discharges to sewer having taken place, the licensee shall notify Irish Water and the Local Authority in a manner prescribed by Irish Water, as soon as practicable after such an incident.
- 11.6 The following shall be notified, as soon as practicable after the occurrence of any incident which relates to a discharge to water:
- (i) Inland Fisheries Ireland.
  - (ii) Irish Water and /or Water Services Authority in the case of any incident where the discharge(s) have been identified as upstream of a drinking water abstraction point.
- 11.7 The licensee shall make a record of any notification made under Condition 11.4 above. This record shall include details of the nature, extent, and impact of, and circumstances giving rise to, the incident or accident. The record shall include all corrective actions taken to manage the incident or accident, minimise wastes generated and the effect on the environment, and avoid recurrence. In the case of a breach of a condition, the record shall include measures to restore compliance.
- 11.8 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 and time of the complaint, the name of the complainant (if provided), and give details of the nature of the complaint. A record shall also be kept of the response made in the case of each complaint.

- 11.9 The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence and all other such monitoring which relates to the environmental performance of the facility.
- 11.10 The licensee shall as a minimum ensure that the following documents are accessible at the site:
- (i) the licences relating to the facility;
  - (ii) the current EMS for the facility;
  - (iii) the previous year's AER for the facility;
  - (iv) records of all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence and all other such monitoring which relates to the environmental performance of the facility;
  - (v) relevant correspondence with the Agency;
  - (vi) up-to-date site drawings/plans showing the location of key process and environmental infrastructure, including monitoring locations and emission points;
  - (vii) up-to-date Standard Operational Procedures for all processes, plant and equipment necessary to give effect to this licence or otherwise to ensure that standard operation of such processes, plant or equipment does not result in unauthorised emissions to the environment; and
  - (viii) any elements of the licence application or EIA documentation referenced in this licence.
- This documentation shall be available to the Agency for inspection at all reasonable times.
- 11.11 The licensee shall submit to the Agency, by the 31<sup>st</sup> March of each year, an AER covering the previous calendar year. This report, which shall be to the satisfaction of the Agency, shall include as a minimum the information specified in *Schedule D: Annual Environmental Report*, of this licence and shall be prepared in accordance with any relevant guidelines issued by the Agency.
- 11.12 A full record, which shall be open to inspection by authorised persons of the Agency at all times, shall be kept by the licensee on matters relating to the waste management operations and practices at this site. This record shall be maintained on a monthly basis and shall as a minimum contain details of the following:
- (i) the tonnages and LoW Code for the waste materials imported and sent off-site for disposal/recovery;
  - (ii) the names of the agent and carrier of the waste, and their waste collection permit details, if required (to include issuing authority and vehicle registration number);
  - (iii) details of the ultimate disposal/recovery destination facility for the waste and its appropriateness to accept the consigned waste stream, to include its permit/licence details and issuing authority, if required;
  - (iv) written confirmation of the acceptance and disposal/recovery of any hazardous waste consignments sent off-site;
  - (v) details of all waste consigned abroad for Recovery and classified as 'Green' in accordance with the EU Shipment of Waste Regulations (Council Regulation EEC No. 1013/2006, as may be amended). The rationale for the classification must form part of the record;
  - (vi) details of any rejected consignments;
  - (vii) details of any approved waste mixing;
  - (viii) the results of any waste analyses required under *Schedule C: Control and Monitoring*, of this licence; and
  - (ix) the tonnage and LoW Code for the waste materials recovered/disposed on-site.
- 11.13 The licensee shall submit report(s) electronically as required by the conditions of this licence to the Agency.
- 11.14 All reports shall be certified accurate and representative by the facility manager or a nominated, suitably qualified and experienced deputy.

- 11.15 A record shall be kept at the facility of the programme for the control and eradication of vermin and fly infestations at the facility. A report on the programme shall be prepared and submitted to the Agency as part of the AER.
- 11.16 Waste Recovery Reports
- The licensee shall as part of the AER submit a report on the contribution by this facility to the achievement of the recovery targets and strategy stated in national and European Union waste policies, and shall include the following:
- (i) proposals for the contribution of the facility to the achievement of targets for the reduction of biodegradable waste to landfill as specified in the Landfill Directive;
  - (ii) the separation of recyclable materials from the waste;
  - (iii) the recovery of Construction and Demolition Waste;
  - (iv) the recovery of metal waste and WEEE.
- 11.17 A record shall be kept of each consignment of trade effluent, leachate and/or contaminated storm water removed from the facility. The record shall include the following:
- (i) the name of the carrier;
  - (ii) the date and time of removal of trade effluent, leachate and/or contaminated storm water from the facility;
  - (iii) the volume of trade effluent, leachate and/or contaminated storm water, in cubic metres, removed from the facility on each occasion;
  - (iv) the name and address of the Wastewater Treatment Plant to which the trade effluent, leachate and/or contaminated storm water was transported; and
  - (v) any incidents or spillages of trade effluent, leachate and/or contaminated storm water during its removal or transportation.

**Reason:** *To provide for the collection and reporting of adequate information on the activity.*

## Condition 12. Financial Charges and Provisions

### 12.1 Agency Charges

12.1.1 The licensee shall pay to the Agency an annual contribution of **€5,088**, or such sum as the Agency from time to time determines, having regard to variations in the extent of reporting, auditing, inspection, sampling and analysis or other functions carried out by the Agency, towards the cost of monitoring the activity as the Agency considers necessary for the performance of its functions under the Waste Management Act 1996 as amended. The first payment shall be a pro-rata amount for the period from the date of commencement of enforcement to the 31<sup>st</sup> day of December, and shall be paid to the Agency within one month from the date of grant of the licence. In subsequent years the licensee shall pay to the Agency such revised annual contribution as the Agency shall from time to time consider necessary to enable performance by the Agency of its relevant functions under the Waste Management Act 1996 as amended, and all such payments shall be made within one month of the date upon which demanded by the Agency.

12.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased, the licensee shall contribute such sums as determined by the Agency to defray its costs in regard to items not covered by the said annual contribution.

### 12.2 Irish Water Charges

The licensee shall pay to Irish Water such sum as may be determined from time to time, having regard to the variations in the cost of providing drainage and the variation in effluent reception, treatment, monitoring, sampling and analysis costs. Payment to be made on demand from Irish Water.

12.3 Environmental Liabilities

- 12.3.1 The Agency may amend this licence in accordance with Section 42B of the Waste Management Act 1996 as amended to require, or not require as the case may be, the putting in place of a financial provision to address liabilities for CRAMP and/or Environmental Liabilities Risk Assessment.

<p><b>Reason:</b> <i>To provide for adequate financing for monitoring and financial provisions for measures to protect the environment and to provide for the requirements of Irish Water in accordance with Section 52 of the Waste Management Act 1996 as amended.</i></p>
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## SCHEDULE A: Limitations

### A.1 Limitations on the facility

The following waste related processes are authorised:

- Reception, temporary storage, and transfer of waste.
- Compacting, sorting, segregating, repackaging, recovery of waste.
- Processes for the management and mitigation of environmental emissions

No additions to these processes are permitted unless agreed in advance with the Agency.

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### A.2 Waste Acceptance

Table A.1 Waste Categories and Quantities

#### A.2 Waste Accepted

Waste Type		LoW Codes	Maximum (Tonnes Per Calendar Year)
Non-Hazardous Waste <sup>Note 1</sup>	Construction and demolition wastes	17 01 01 17 01 02 17 01 03 17 01 07 17 02 01 17 02 02 17 02 03 17 03 02 17 04 07 17 04 11 17 05 04 17 06 04 17 08 02 17 09 04	20,500
	Municipal Wastes	20 02 01 20 02 02 20 02 03 20 03 01 20 03 02 20 03 03 20 03 07 20 03 99	
Hazardous Waste <sup>Note 2, Note 3</sup>	Construction and demolition waste	17 01 06* 17 02 04* 17 03 01* 17 05 03* 17 08 01*	500

**Note 1:** Any proposals to accept other compatible non-hazardous waste types must be agreed in advance by the Agency.

**Note 2:** Hazardous waste types as detailed, or as may otherwise be agreed in advance by the Agency.

**Note 3:** The quantity of hazardous waste accepted for temporary storage shall not exceed 50 tonnes at any one time.

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### A.3 Waste storage

Maximum amount of waste that may be stored at the facility at any one time including untreated waste	200 tonnes
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## SCHEDULE B: Emission Limits

### B.1 Emissions to Air

There shall be no emissions to air of environmental significance.

### B.2 Emissions to Water

There shall be no emissions to water of environmental significance.

### B.3 Emissions to Sewer

<b>Emission Point Reference No:</b>	SE1
<b>Emission to (sewer description):</b>	Sewer located at St Margaret's Road.
<b>Volume to be emitted:</b>	Maximum in any one day: 26.5 m <sup>3</sup> Maximum rate per hour: 12.5 m <sup>3</sup>

Parameter	Emission Limit Value	
	Concentration (24 Hr. Composite Sample (mg/l))	Daily Load (kg/day)
pH	6 – 10 pH Units	
Temperature	35°C (max)	
BOD, 5 days with inhibition (Carbonaceous BOD)	1500	23
COD - Cr	3000	48
Suspended Solids	800	16
Fats, Oils & Greases	100	2.5
Total Nitrogen	82.5	2
Ammonia - Total (as N)	35	1
Sulphate	800	21
Chloride	1000	26.5
Total Petrol Hydrocarbons	5	0.15
Mineral Oils	10	0.3
Anionic Surfactants/Detergents (MBAs)	100	3

### B.4 Noise Emissions

Daytime dB L <sub>Ar,T</sub> (30 minutes)	Evening time dB L <sub>Ar,T</sub> (30 minutes)	Night-time dB L <sub>Aeq,T</sub> (30 minutes) <sup>Note 1</sup>
55	50	45

**Note 1:** During night time hours, there shall be no clearly audible tonal component or impulsive component in the noise emission from the activity at any noise-sensitive location.

**B.5 Dust Deposition Limits**

Level (mg/m <sup>2</sup> /day) <sup>Note 1</sup>
350

**Note 1:** 30-day composite sample with the results expressed as mg/m<sup>2</sup>/day.





## SCHEDULE C: Control and Monitoring

### *C.1.1. Control of Emissions to Air*

There shall be no emissions to air of environmental significance.



### *C.1.2. Monitoring of Emissions to Air*

There shall be no emissions to air of environmental significance.



### *C.2.1. Control of Emissions to Water*

There shall be no emissions to water of environmental significance.



### *C.2.2. Monitoring of Emissions to Water*

There shall be no emissions to water of environmental significance.



### *C.2.3. Monitoring of Storm Water Emissions*

Emission Point Reference No: SWM1 (315136E, 240813N)

Parameter	Monitoring Frequency	Analysis Method/Technique
Visual Inspection	Daily	Sample and examine for colour and odour.
Suspended Solids	Weekly	Standard method
Total Organic Carbon (TOC)	Weekly	Standard method



**C.3.1. Control of Emissions to Sewer**

**Emission Point Reference No:** SE1  
**Description of Treatment:** Wastewater treatment

Control Parameter	Monitoring	Key Equipment
Suspended solids & Mineral oils/Total hydrocarbons	Suspended solids/silt & Mineral oils/Total hydrocarbons removal	Vertical Screens/Class I Full Retention Interceptor

**C.3.2. Monitoring of Emissions to Sewer**

**Emission Point Reference No:** SE1

Parameter	Monitoring Frequency	Analysis Method/Technique
Flow Rate	Continuous	On-line flow meter with recorder
pH	Quarterly	pH electrode/meter & recorder
Temperature	Quarterly	On-line temperature sensor with recorder
BOD, 5 days with inhibition (Carbonaceous BOD)	Quarterly	Standard Method
COD - Cr	Quarterly	Standard Method
Suspended Solids	Quarterly	Standard Method
Fats, Oils & Greases	Quarterly	Standard Method
Total Nitrogen	Quarterly	Standard Method
Ammonia - Total (as N)	Quarterly	Standard Method
Sulphate	Quarterly	Standard Method
Chloride	Quarterly	Standard Method
Total Petrol Hydrocarbons	Quarterly	Standard Method
Mineral Oils	Quarterly	Standard Method
Anionic Surfactants/Detergents (MBAs)	Quarterly	Standard Method
Metals & Organic Compounds	Annually	Standard Method
Toxicity	As Requested	Standard Method



### C.4 Waste Monitoring

Waste Class	Frequency	Parameter	Method
To be agreed by the Agency <sup>Note 1</sup>	To be agreed by the Agency	To be agreed by the Agency	To be agreed by the Agency

**Note 1:** Analytical requirements to be determined on a case by case basis.



### C.5 Noise Monitoring

**Monitoring Point Location:** N1 (314842E, 240841N) and at any additional locations as may be agreed by the Agency.

Period	Minimum Survey Duration
Daytime	A minimum of 3 sampling periods at each noise monitoring location. <sup>Note 1</sup>
Evening-time	A minimum of 1 sampling period at each noise monitoring location.
Night-time <sup>Note 2</sup>	A minimum of 2 sampling periods at each noise monitoring location.

**Note 1:** Sampling period is to be the time period T stated within the relevant licence. Typically, this will be either 15 minutes or 30 minutes in duration. This applies to day, evening and night time periods.

**Note 2:** Night-time measurements should be made between 2300hrs and 0400hrs, Sunday to Thursday, with 2300hrs being the preferred start time.



### C.6 Ambient Monitoring

#### Dust Monitoring

**Location:** D1 at a location to be agreed with the Agency

Parameter	Monitoring Frequency	Analysis Method/Technique
Dust deposition	Quarterly	Bergerhoff



## SCHEDULE D: Annual Environmental Report

<b>Annual Environmental Report Content</b> <small>Note 1 &amp; 2</small>
Environment Management objectives and targets summary. Energy and water use and generation summary. Complaints summary. Incidents Summary. Emissions Summary. Waste Management Summary. <b>Waste activities carried out at the facility</b> <b>Waste Recovery Report.</b> <b>Review of nuisance controls.</b> <b>Volume of trade effluent/leachate and/or contaminated stormwater produced, and volume transported off-site.</b> Any other items specified by the Agency.

**Note 1:** Content may be revised subject to the agreement of the Agency.

**Note 2:** The AER shall be completed in accordance with current Agency guidance.

**Signed on behalf of the said Agency** \_\_\_\_\_

On the xx day of xxxxx, 202X                      xxxxxxxxxxxx **Authorised Person**