

Headquarters,
P.O. Box 3000,
Johnstown Castle Estate
County Wexford, Ireland

WASTE LICENCE

Waste Licence Register Number:	35-1
Applicant:	Pipe and Drain Services Limited
Location of Facility:	Sheriff Street, Dublin 1

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Reasons for the Decision

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

In reaching this decision the Agency has considered the application and supporting documentation received from the applicant, all submissions, the objection received and the report of its inspectors.

Part I - Activities Licensed

In pursuance of the powers conferred on it by the Waste Management Act, 1996, the Environmental Protection Agency (the Agency) proposes, under Section 40(1) of the said Act to grant this Waste Licence to Pipe and Drain Services Limited, Murphystown Road, Sandyford, Dublin 18 to carry on the waste activities listed below at Sheriff Street, Dublin 1 subject to eleven 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

Class 4: Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons.

Class 7: Physico-chemical treatment not referred to elsewhere in this Schedule which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1 to 10 of this Schedule (including evaporation, drying and calcination).

Class 11: Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.

Class 12: Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.

Class 13: Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.

Licensed waste recovery activities, in accordance with the Fourth Schedule of the Waste Management Act, 1996

Class 2: Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).

Class 3: Recycling or reclamation of metals and metal compounds.

Class 4: Recycling or reclamation of other inorganic materials.

Class 6: Recovery of components used for pollution abatement.

Class 8: Oil re-refining or other re-uses of oil.

Class 13: Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.

INTERPRETATION

Act	The Waste Management Act, 1996 (No. 10 of 1996).
Adequate lighting	20 lux measured at ground level.
Agreement	Agreement in writing.
Application	The application by the licensee for this waste licence, including any other material submitted to the Agency in writing by the licensee between the date of the application and the date of grant of this licence.
Attachment	Any reference to Attachments in this licence refers to attachments submitted as part of the waste licence application.
Condition	Condition of this licence. In any case where this licence refers to a numbered condition, the reference shall be taken to mean the condition and any sub-condition therein which the context of the reference requires that reference is to be made to
Containment boom	A boom which can contain spillages and prevent these from entering drains or watercourses.
Emission	As defined in Section 5 (1) of the Act.
Environmental pollution	As defined in Section 5 (1) of the Act.
European Waste Catalogue (EWC)	A harmonised, non-exhaustive list of wastes drawn up by the European Commission and published as Commission Decision 94/3/EC and any subsequent amendment published in the Official Journal of the European Community.
Facility	That area or areas defined under Condition 1.3 of this licence.
Hazardous waste	As defined in Section 4 (2) of the Act.
IBC	Intermediate bulk container
Incident	Any reference to an incident in this licence means an incident as defined in Condition 3.1
Licence	A Waste Licence issued in accordance with the Act.
Local authority	Dublin Corporation
Maintain	Keep in a fit state, including such regular inspection, servicing and repair as may be necessary to adequately perform its function.
Recovery	As defined in Section 4 (4) of the Act.
Sanitary authority	Dublin Corporation
Settlement tanks	Tanks illustrated on drawing no. 501001/16 which are used for the

	separation of oil, water and sludge fractions.
Sludge	The accumulation of solids resulting from chemical coagulation, flocculation, and/or sedimentation after water, wastewater or waste treatment.
Specified emissions	Those emissions listed in Schedule G of this licence.
Specified engineering works	Those engineering works listed in Schedule F of this licence.
Submit	Unless the context of this licence indicates otherwise, submit to the Agency in writing for agreement
The Licensee	Pipe and Drain Services Limited
Trigger level	A parameter value which when achieved or exceeded requires certain actions to be taken.
Waste	As defined in Section 4 (1) of the Act.
Waste disposal activity	Includes the activities referred to in Section 4 of the Act and listed in the Third Schedule thereto.
Waste oil	All oil and petroleum based wastes (including hydrocarbon sludge) accepted for recovery or disposal at the facility.
Waste recovery activity	Includes the activities referred to in Section 4 of the Act and listed in the Fourth Schedule thereto.
Working day	Monday to Friday 0800hrs to 1800 hrs.

Part II - CONDITIONS

Condition 1 SCOPE

- 1.1. The waste activities authorised by this licence are listed and described in *Schedule A: Waste Activities*. Waste activities at the facility shall be restricted to those listed in Schedule A and any restrictions set down therein.
- 1.2. Waste activities shall be restricted to the area of land outlined in red on the Site Plan, drawing no. 501001/03. Any reference in this licence to "facility" shall mean the area thus outlined in red.
- 1.3. Wherever a condition of this licence requires the licensee to submit a plan, programme, or proposal to the Agency for its agreement, the licensee shall subsequently modify such documentation in accordance with, and within the time stated in, any written instructions from the Agency. The actions described therein shall be carried out within any timescale specified in writing by the Agency but shall not be undertaken without the prior written agreement of the Agency.
- 1.4. This licence is for the purposes of waste licensing under the Waste Management Act, 1996 only and nothing in this licence shall be construed as negating the licensee's statutory obligations or requirements under any other enactments or regulations.
- 1.5. Where the Agency considers that a non-compliance with the conditions of this licence has occurred, it may serve a notice on the licensee specifying:
 - (a) that only those wastes as specified, if any, in the notice are to be accepted at the facility after the date specified in the notice;
 - (b) that the licensee shall undertake the works stipulated in the notice, and/or otherwise comply with the requirements of the notice as set down therein, within any time-scale contained in the notice; and
 - (c) that the licensee shall carry out any other requirement specified on the notice.

When the notice has been complied with, the licensee shall provide written confirmation that the requirements of the notice have been carried out. No waste, other than that which is stipulated in the notice, shall be accepted at the facility until written confirmation is received from the Agency that the notice is withdrawn.

Reason: To clarify the scope of this licence.

Condition 2 MANAGEMENT OF THE ACTIVITY

2.1. Environmental Management System.

2.1.1 The licensee shall, within twelve months from the date of grant of this licence, submit to the Agency for its agreement a proposal for a documented Environmental Management System (EMS) for the facility. Following the written agreement of the Agency, the licensee shall establish and maintain such a system. The EMS shall be updated on an annual basis with amendments being submitted to the Agency for agreement.

2.1.2 The EMS shall include as a minimum those elements specified in the Conditions 2.2 to 2.9 below:

2.2. Schedule of Environmental Objectives and Targets.

2.2.1 The licensee shall, within four months from the date of grant of this licence, submit to the Agency for its agreement a Schedule of Environmental Objectives and Targets. The objectives should be specific and the targets measurable.

2.2.2 The Schedule shall address a five year period as a minimum and shall be reviewed and submitted annually to the Agency for its agreement.

2.3. Environmental Management Programme.

2.3.1 The licensee shall, not later than nine months from the date of grant of this licence, submit to the Agency for its agreement an Environmental Management Programme (EMP). The EMP shall include a time-scale for achieving the Schedule of Objectives and Targets and shall comply with any other guidance issued by the Agency.

2.3.2 The EMP shall include, as a minimum, the information specified in *Schedule B: Content of the Environmental Management Programme*. The EMP shall be reviewed and submitted to the Agency for its agreement annually.

2.4. Mass Balance of Specified Substances

2.4.1 The licensee shall, at a date to be agreed in writing with the Agency, and having regard to any Regulations made under Section 64 of the Waste Management Act, 1996, submit to the Agency for its agreement a Mass Balance of Specified Substances (MBSS), which shall include a list of substances and the methodology to be used in their determination.

2.4.2 Following an agreement on 2.4.1 above, the MBSS shall be reviewed and submitted to the Agency annually.

2.5. Corrective Action

2.5.1 The licensee shall establish and maintain written Corrective Action Procedures to ensure that corrective action is taken should the specified requirements of this licence not be fulfilled.

2.6. Awareness and Training

2.6.1 The licensee shall establish and maintain Awareness and Training Procedures for identifying training needs and for providing appropriate training, for all personnel whose work is related to the licensed facility. Written records of training shall be maintained.

2.7. Responsibilities

2.7.1 Within three months from the date of grant of this licence, the licensee shall submit written details of the management structure of the facility for the agreement of the Agency. Any proposed changes in the management structure shall be submitted in writing to the Agency for its agreement. Written details of the management structure shall include the following information:

- (a) the names of all persons who are to provide the management and supervision of the waste activities authorised by the licence;
- (b) details of the responsibilities for each individual named under a) above;
- (c) details of the relevant experience, competence and qualifications held by each of the persons nominated under a) above; and,
- (d) contingency arrangement for the absences of the named persons from the facility.

2.8. Communications

2.8.1 Within twelve months from the date of grant of this licence, the licensee shall submit for agreement to the Agency a Communications Programme to ensure that members of the public can obtain information concerning the environmental performance of the facility at all reasonable times.

2.9. Annual Environmental Report.

2.9.1 The licensee shall submit to the Agency for its agreement, within twelve months from the date of grant of this licence, and within one month of the end of each year thereafter, an Annual Environmental Report (AER).

2.9.2 The AER shall include as a minimum the information specified in *Schedule C: Content of Annual Environmental Report* and shall be prepared in accordance with any relevant written guidelines issued by the Agency.

2.10. 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 suitably qualified and experienced deputy shall be present at all times during the operation of the facility.

2.11. The licensee shall ensure that personnel performing specifically assigned tasks shall be qualified on the basis of appropriate education, training and/or experience, as required and shall be aware of the requirements of this licence.

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 NOTIFICATION AND RECORD KEEPING

- 3.1. The licensee shall make a written record of the following incidents:
- (a) any emission which results in the contravention of any relevant standard, including any standard for an environmental medium, or any relevant emission limit value, prescribed under any relevant enactment;
 - (b) any emission which does not comply with the requirements of this licence;
 - (c) any trigger level specified in this licence or in the EMS which is attained or exceeded;
 - (d) any test failures of waste samples taken;
 - (e) any malfunction of any environmental control system;
 - (f) any indication that contamination has, or may have, taken place;
 - (g) the cessation of waste activities at the facility for a period in excess of 28 days, and their recommencement;
 - (h) any occurrence with the potential for environmental pollution; and
 - (i) any emergency.
- 3.2. The written record of an incident as specified in Condition 3.1 shall include all aspects described in Condition 10.6.
- 3.3. Unless otherwise instructed in writing by the Agency, the licensee shall notify the Agency by telephone and facsimile as soon as practicable and in any case not later than 10.00am the following working day after the occurrence of any incident.
- 3.4. Unless otherwise instructed in writing by the Agency, the licensee shall submit the written record to the Agency as soon as is practicable and in any case within five working days after the occurrence of any incident.
- 3.5. Should any further actions be taken after the date of written notification, as a result of an incident occurring, the licensee shall forward a written report of those actions to the Agency as soon as practicable and in any case no later than ten days after the initiation of those actions.
- 3.6. Copies of all reports, monitoring and analysis results and interpretations, shall be forwarded to the Agency's Headquarters unless an alternative location is agreed in writing with the Agency. The format of all reports and method of reporting shall be in accordance with any written instructions or guidance of the Agency. All monitoring, analysis and investigation reports shall be accompanied by an interpretation.
- 3.7. Copies of all records and reports set out in Schedules A to G shall be forwarded to the Agency at the reporting frequencies set out in those Schedules.
- 3.8. In the event of any incident which relates to discharges to surface water, or which affects the interests of the local authority, the licensee shall notify the Eastern Regional Fisheries Board and/or Dublin Corporation, as appropriate, as soon as practicable by telephone and in writing (by facsimile if available) and in any case not later than 10:00 on the following working day after such an incident.

- 3.9. All written reports submitted to the Agency shall be certified accurate and representative by the licensee.
- 3.10. Unless otherwise agreed in advance in writing with the Agency, all written records, reports and other documents required to be maintained under this licence, shall be retained by the licensee.
- 3.11. The licensee shall provide copies of any written records, reports and other documents referred to in this licence to the Agency upon written request, within the time specified by in writing by the Agency.
- 3.12. The licensee shall keep the following documents at the facility office marked 'control building' and shown on drawing no. 501001/09:
- (a) the current waste licence relating to the facility;
 - (b) any previous waste licence in respect of the facility;
 - (c) the current EMS for the facility;
 - (d) the previous year's AER for the facility; and
 - (e) all written procedures produced by the licensee which relate to the licensed activities.
- 3.13. The licensee shall maintain a written record for each load of waste arriving at the facility. The licensee shall record the following:
- (a) the name of the carrier;
 - (b) the vehicle registration number;
 - (c) the name of the producers and collectors of the waste as appropriate including relevant documentation and record numbers;
 - (d) the quantity of waste accepted at the facility, recorded in tonnes;
 - (e) a description of the waste including the associated EWC codes;
 - (f) the name of the person checking the load;
 - (g) where loads or parts thereof are removed or rejected, details of the date of occurrence, the types of waste and the facility to which they were removed;
 - (h) a transfrontier shipment notification or other consignment note number; and
 - (i) any other information which might be required from time to time subject to prior written agreement with the Agency.
- 3.14. The licensee shall maintain a written record for each load of waste leaving the facility. The licensee shall record the following:
- (a) the name of the carrier;
 - (b) the vehicle registration number;
 - (c) the quantity of waste leaving the facility, recorded in tonnes;

- (d) a description of the waste including the associated EWC codes;
- (e) the name of the persons responsible for the ultimate disposal or recovery of the waste;
- (f) the ultimate destination of the waste;
- (g) written confirmation that consigned waste has reached its destination and/or has been subjected to the recovery or disposal process for which it was destined, as appropriate;
- (h) details of any consignments rejected by the consignee;
- (i) a transfrontier shipment notification or other consignment note number; and
- (j) any other information which might be required from time to time subject to prior written agreement with the Agency.

3.15. The licensee shall maintain a written record of all complaints of an environmental nature related to the operation of the activity. Each such record shall give details of the following:

- (a) date and time of the complaint;
- (b) the name of the complainant;
- (c) details of the nature of the complaint;
- (d) actions taken in respect of the complaint and the results of such actions; and
- (e) the response made to each complainant.

Reason: To provide for the notification of incidents, to update information on the activity and to provide for the keeping of records.

Condition 4 SITE INFRASTRUCTURE

- 4.1. The licensee shall establish all infrastructure referred to in this licence prior to the commencement of the licensed activities or as agreed in advance in writing with the Agency.
- 4.2. Site Notice Board
- 4.2.1 Within three months from the date of grant of this licence, the licensee shall provide and maintain a notice board on the facility so that it is legible to persons outside the main entrance to the facility. The minimum dimensions of the identification board shall be 1200mm by 750 mm.
- 4.2.2 The board shall clearly show:
- (a) the name and telephone number of the facility;
 - (b) the normal hours of opening;
 - (c) the name, address and telephone number of the licence holder;
 - (d) an emergency out of hours contact telephone number;
 - (e) the name, address and telephone number of the operator of the facility; and,
 - (f) the waste licence reference number.
- 4.3. Site Security
- 4.3.1 The licensee shall maintain the wall and fencing referred to in attachment D.1 and illustrated on drawing no. 501001/14.
- 4.3.2 The licensee shall remedy any defect in the gates and/or fencing as follows:
- (a) a temporary repair shall be made by the end of the working day; and,
 - (b) a repair to the standard of the original gates and/or fencing shall be undertaken within three working days or as otherwise agreed in writing with the Agency.
- 4.3.3 Gates shall be kept locked shut when the facility is unsupervised.
- 4.4. The licensee shall provide and maintain an office on the facility, at the location marked 'control building' shown on drawing no. 501001/09. The office shall be constructed and maintained in a manner suitable for the processing and storing of documentation.
- 4.5. The licensee shall provide and maintain a working telephone and facsimile machine in the office specified in Condition 4.4 above.
- 4.6. The licensee shall provide and use adequate lighting during the operation of the facility in hours of darkness.
- 4.7. Bunding
- 4.7.1 All waste and chemical storage areas shall be rendered impervious to the materials stored therein. In addition, tank, drum and IBC storage areas shall, as a minimum be bunded, either locally or remotely, to a volume not less than the greater of the following:

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- (a) 110% of the capacity of the largest tank or drum within the bunded area
 - (b) 25% of the total volume of substance which could be stored within the bunded area.
- 4.7.2 All inlets, outlets, vent pipes, valves and gauges shall be within the bunded areas.
- 4.7.3 All spillages and liquids recovered from bunded areas shall be treated as hazardous waste unless they are known to be otherwise. All spillages shall be appropriately recovered or disposed of.
- 4.7.4 The integrity and water tightness of all the bunds, tanks and containers and their resistance to penetration by water or other materials stored therein shall be tested and demonstrated by the licensee and shall be reported to the Agency within six months from the date of grant of this licence. This testing shall be carried out by the licensee at least once every three years thereafter and reported to the Agency on each occasion. A written record of all integrity tests and any maintenance or remedial work arising from them shall be maintained by the licensee.
- 4.8. The hardstanding areas illustrated on drawing no. 501001/13 shall drain only to the surface drainage system illustrated on drawing no. 501001/10. The liquid collected in this area shall pass through an oil interceptor prior to discharge to sewer. No liquid other than waste oil and water shall be permitted to enter this drainage system. A record shall be kept of the maintenance of the interceptor.
- 4.9. No liquid discharges from the ink treatment recovery area shown on drawing no. 501001/24 or from any bunded area shall enter the surface drainage system.
- 4.10. The integrity and water tightness of all underground pipes and tanks and their resistance to penetration by water or other materials carried or stored therein shall be tested and demonstrated by the licensee and shall be reported to the Agency within eighteen months from the date of grant of this licence. This testing shall be carried out by the licensee at least once every five years thereafter and reported to the Agency on each occasion. A written record of all integrity tests and any maintenance or remedial work arising from them shall be maintained by the licensee.
- 4.11. Only waste oil tankers shall discharge into the truck desludging area illustrated on drawing no. 501001/26. No other waste shall be stored in this area. Liquid shall not be permitted to flow overground beyond the bounds of this area.
- 4.12. Diesel fuel and gasoil shall only be stored at the locations illustrated on drawing no. 501001/26 unless the prior written agreement of the Agency has been obtained. All containers shall be clearly marked to illustrate their contents. Within six months from the date of grant of this licence, the licensee shall submit proposals for agreement with the Agency for the bunding of all fuel storage areas as per the requirements of Condition 4.7.
- 4.13. Process chemicals used at the facility shall only be stored at the locations illustrated on drawings no. 501001/22 and 501001/24 unless the prior written agreement of the Agency has been obtained. All containers shall be clearly marked to illustrate their contents.
- 4.14. Specified Engineering Works
- 4.14.1 The licensee shall submit a written report on any proposed specified engineering works, as defined in *Schedule F: Specified Engineering Works*, to the Agency for its agreement prior to any works being carried out. No such works shall be carried out without the prior written agreement of the Agency.
 - 4.14.2 All specified engineering works shall be supervised by a competent person(s) agreed in writing in advance by the Agency and that person, or persons, shall be present at all times during which relevant works are being undertaken.

- 4.14.3 Following the completion of all specified engineering works, the licensee shall submit to the Agency updated site drawings of the facility and any other information as may required.

Reason: To provide for the protection of the environment

Condition 5 WASTE ACCEPTANCE AND HANDLING

- 5.1. Subject to Condition 5.2, only those waste types listed in Table E.1.2 and Table E.1.3 of the waste licence application shall be accepted at the facility unless prior written agreement is received from the Agency.
- 5.2. Other than for storage, hydrocarbon contaminated soils shall not be accepted at the facility.
- 5.3. The procedure for waste acceptance shall be as submitted as Attachment E.2 of the waste licence application or as otherwise agreed with the Agency.
- 5.4. All waste shall be processed as detailed in Attachment D.2 of the waste licence application. Any waste deemed unsuitable and/or in contravention of this waste licence shall be immediately separated and at the earliest possible time removed for recovery or disposal at an appropriate alternative facility.
- 5.5. No waste shall be stored overnight at the facility in other than designated and, where appropriate, secure storage areas. Within six months from the date of grant of this licence, the licensee shall submit a report and drawing illustrating the designated waste storage areas for agreement with the Agency.
- 5.6. All containers shall be uniquely marked using indelible or other permanent markings to clearly indicate their contents. All previous or irrelevant markings and/or labels shall be removed or obliterated.
- 5.7. All waste accepted at the facility for the purpose of storage prior to recovery or disposal at the facility or elsewhere shall be classified as per "Recommendations on the Transport of Hazardous Goods: Model Regulations", tenth revised edition, United Nations, 1997, prior to its acceptance at the facility. All such waste shall be stored in bunded areas.
- 5.8. Where they are to be subject to recovery or disposal activities at the facility, the following waste types are exempted from Condition 5.7:
 - (a) waste oils intended to be discharged to the settlement tanks; and
 - (b) waste ink cartridges which are accepted in wheeled carts and stored in a secure area prior to processing at the ink treatment recovery area shown on drawing no. 501001/24.
- 5.9. Subject to Condition 5.7, appropriate arrangements shall be made for the storage of incompatible substances. The arrangements shall ensure that no mixing of incompatible substances, as a result of spillages or otherwise, shall take place.
- 5.10. All 200-litre drums shall be stored on pallets or shelves to a maximum stacking height of three drums. IBCs shall be stored to a maximum stacking height of three containers. During storage, each drum or IBC shall be accessible for identification purposes.
- 5.11. All containers accepted at the facility shall be whole and sound. Any leaking or otherwise ruptured containers shall immediately be overdrummed or the contents transferred to a sound container in a manner which will not adversely affect the environment. Any spillages should be cleaned up so as not to adversely affect the environment or the performance of the oil interceptor.
- 5.12. All drums emptied at the facility shall be decontaminated or otherwise appropriately cleaned out prior to crushing.

- 5.13. All wastes removed off site for recovery or disposal shall only be conveyed by an authorised contractor, as agreed with the Agency, and shall be transported from the facility to the consignee in a manner which will not adversely affect the environment.
- 5.14. The heating of waste oils will be carried out at the appropriate temperature so as to avoid their combustion. A safety cut off temperature detection unit shall be installed on the oil heating tanks and calibrated annually. A calibration certificate will be submitted as part of the AER. Within 3 months of the date of issue of this licence, the licensee will submit a proposal for agreement with the Agency setting out a procedure for the identification of the operating temperature.
- 5.15. Except in emergency circumstances, waste shall only be accepted at the facility between the hours of 07:00 and 19:00 Monday to Saturday inclusive. Any operation at the facility outside of normal working hours or on a Sunday shall be notified to the Agency by 10:00 on the morning of the next working day. The notification shall detail the operations carried out, the reason for carrying them out and the hours during which they were carried out.
- 5.16. No waste shall be burned or otherwise combusted at the facility.

Reason: To provide for the acceptance and management of wastes authorised under this waste licence

Condition 6 ENVIRONMENTAL NUISANCES

- 6.1. The licensee shall, at a minimum of one week intervals, inspect the facility and its immediate surrounds for nuisances caused by vermin and odours. Written records shall be made of all inspections and any actions taken as a result of these inspections.
- 6.2. The licensee shall ensure that all vehicles delivering waste to or removing waste from the facility are fully enclosed and clean and shall not give rise to offensive odours or other nuisance.
- 6.3. The licensee shall ensure that the activities shall be carried out in a manner such that odours do not result in significant impairment of, or significant interference with, the environment beyond the facility boundary.
- 6.4. The licensee shall ensure that vermin do not give rise to nuisance at the facility or the immediate environment of the facility. Vermin control measures shall be as set out in Attachment F.9 of the waste licence application.
- 6.5. All loose litter accumulated within the facility and its environs shall be removed and appropriately disposed of on a daily basis.

Reason: To provide for the control of nuisances.

Condition 7 EMISSIONS AND ENVIRONMENTAL IMPACTS

- 7.1. No specified emission from the facility shall exceed the emission limit values set out in *Schedule G: Emission Limits*. There shall be no other emissions of environmental significance.
- 7.2. All treatment/abatement and emission control equipment shall be calibrated and maintained, in accordance with the instructions supplied by the manufacturer/supplier or installer. Written records of the calibrations shall be made and kept by the licensee.
- 7.3. Emissions to atmosphere
 - 7.3.1 Within six months from the date of grant of this licence, the licensee shall submit proposals for the assessment of fugitive emissions for agreement with the Agency. The assessment shall be carried out within six months of agreement on the proposals being reached and, on completion of the assessment, a final report, including recommendations and a programme for implementation, shall be submitted for agreement with the Agency.
 - 7.3.2 Boiler efficiency shall be tested annually and the results shall be submitted as part of the AER.
- 7.4. There shall be no direct emissions to groundwater.
- 7.5. There shall be no emissions to surface water.
- 7.6. The licensee shall ensure that the activities shall be carried out in a manner such that noise does not result in significant impairment of, or significant interference with, the environment beyond the facility boundary.
- 7.7. Emissions to sewer shall be subject to the following conditions:
 - 7.7.1 No specified discharge or emission to sewer shall exceed the emission limit value set out in the schedule to this licence, entitled *Schedule G: Emission Limits*. There shall be no other emission to sewer of environmental significance.
 - 7.7.2 Monitoring and analyses of each discharge or emission to the sewer shall be carried out as specified in the Schedule to this licence entitled *Schedule E: Monitoring*.
 - 7.7.3 Monitoring and analyses equipment shall be operated and maintained as necessary so that monitoring accurately reflects the emission or discharge.
 - 7.7.4 No substance shall be present in such concentrations as would constitute danger to sewer maintenance personnel working in the sewerage system or would be injurious to the construction of the sewer or would interfere with the operations of a downstream waste water treatment works.
 - 7.7.5 The licensee shall permit authorised persons of the Agency and the sanitary authority to inspect, examine and test, at all times, any works and apparatus installed in connection with the trade effluent and to take samples of the trade effluent.
 - 7.7.6 The licensee shall ensure that the discharge shall not contain dissolved methane, petroleum spirits or organic solvents (including chlorinated organic solvents) which would give rise to flammable or explosive vapours in the sewer.

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- 7.7.7 Non-trade effluent (e.g. fire water, accidental spillage) which occurs on site shall not be discharged to the sewer without the prior authorisation of the sanitary authority. The Agency shall be notified of such an event.
- 7.7.8 The licensee shall submit monitoring results for effluent discharge to sewer to the sanitary authority on an annual basis.
- 7.7.9 Where settling tanks or treatment tanks are mandatory, a record book of cleaning maintenance and performance of each settling tank shall be made available for inspection at all times by officials from Dublin Corporation.
- 7.7.10 In the event of accidental discharge, spillage or deposit of any diluting matter which enters or is likely to enter any waters or a sewer, the person responsible shall notify Dublin Corporation as soon as is practicable thereafter.
- 7.7.11 A sampling chamber shall be provided downstream of the oil interceptor for the purpose of sampling effluent from the interceptor. Samples shall be tested for the parameters denoted in *Schedule G: Emission Limits* at the frequency and with the method denoted in *Schedule E: Monitoring*.
- 7.7.12 The licensee shall notify the Local Authority and the Agency as soon as is practicable after the occurrence of any one of the following:
- (i) any incident with the potential for contamination of surface water or groundwater, on posing a threat to land, or a Sanitary Authority sewer or personnel working in connection with a sewer, or requiring an emergency response by the Local Authority
 - (ii) any emission which relates to a discharge to sewer which does not comply with the requirements of this licence.
- 7.7.13 Emission limits for emissions to sewer shall be interpreted as follows:
- For continuous monitoring:
- No flow value shall exceed the specified limit.
- For non-continuous monitoring:
- No pH value shall deviate from the specified rate.
- No temperature value shall exceed the emission limit value.
- For parameters other than pH, temperature and flow, eight out of ten consecutive results, calculated as daily mean concentration or mass emission values on the basis of flow proportional composite sampling, shall not exceed the emission limit value. No individual result similarly calculated shall exceed 1.2 times the emission limit value.
- For parameters other than pH, temperature and flow, no grab sample value shall exceed 1.2 times the emission limit value
- 7.7.14 The licensee shall provide safe and permanent access to the final effluent as discharged to the sewer at the following locations:
- (a) at the waste water treatment plant effluent point marked EFF1 on drawing no. 501001/08; and

- (b) at the interceptor discharge point at a location to be agreed with the Agency within six months of the date of grant of this licence.

7.7.15 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 agreed 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. Prior written agreement for the use of alternative equipment, other than in emergency situations, shall be obtained from the Agency.

Reason: To control emissions from the facility and provide for the protection of the environment

Condition 8 DECOMMISSIONING AND AFTERCARE

- 8.1. A proposal for a Decommissioning and Aftercare Plan for the facility shall be submitted to the Agency within six months of the date of grant of the licence. The licensee shall update this plan when required in writing by the Agency and submit proposed amendments to the Agency for its agreement.

Reason: To provide for decommissioning of the facility and aftercare of the site on which the facility is located.

Condition 9 ENVIRONMENTAL MONITORING

- 9.1. The licensee shall carry out such monitoring and at such frequencies as set out in *Schedule E: Monitoring* and as specified by the conditions of this licence.
- 9.2. The licensee shall carry out a noise survey of the site operations annually. Within twelve months from the date of grant of this licence, the licensee shall submit for agreement with the Agency details of proposed noise monitoring points.
- 9.3. Within three months from the date of grant of this licence, the licensee shall submit a written proposal to the Agency for its agreement specifying a procedure for the representative sampling of effluent discharged to sewer.
- 9.4. Monitoring and analysis equipment shall be operated and maintained in accordance with the manufacturers instructions so that all monitoring results accurately reflect any emission or discharge or other environmental parameter.
- 9.5. The licensee shall amend the frequency, locations, methods and scope of monitoring, sampling, analyses and investigations only upon the written instruction of the Agency and shall provide such information concerning such amendments as may be requested in writing by the Agency. Such alterations shall be carried out within any timescale nominated by the Agency.
- 9.6. Unless otherwise agreed in writing with the Agency, a written record shall be kept of the names, qualifications and a summary of relevant experience of all persons who carry out any sampling and monitoring as required by this licence and who carry out the interpretation of the results of such sampling and monitoring.
- 9.7. The licensee shall provide safe and permanent access to all sampling and monitoring points.
- 9.8. The licensee shall maintain all sampling and monitoring points so that they may be used for the representative sampling and monitoring of emissions from the facility.

Reason: To ensure compliance with the requirements of other conditions of this licence by provision of a satisfactory system of measurement and monitoring of emissions

Condition 10 CONTINGENCY ARRANGEMENTS

- 10.1. The licensee shall, within six months from the date of grant of this licence, submit a written Emergency Response Procedure (ERP) to the Agency for its agreement. The ERP shall address any emergency situation which may originate on the facility and shall include provision for minimising the effects of any emergency on the environment.
- 10.2. 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 in an appropriate manner.
- 10.3. 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.
- 10.4. A fire at the facility shall be treated as an emergency. Immediate action shall be taken to extinguish it and the appropriate authorities notified.
- 10.5. The licensee shall carry out a risk assessment to determine the requirements at the facility for fire fighting and fire water retention facilities and, within six months from the date of grant of this licence, submit a report, including recommendations, on the risk assessment to the Agency for its agreement. This assessment shall include an examination of the existing arrangements for storage of fire water. The Chief Fire Officer of Dublin Corporation shall be consulted by the licensee during this assessment.
- 10.6. In the event that any monitoring, sampling or observations indicate that an incident has, or may have, taken place, the licensee shall immediately:
 - (a) identify the date, time and place of the incident;
 - (b) carry out an immediate investigation to identify the nature, source and cause of the incident and any emission;
 - (c) isolate the source of the emission;
 - (d) evaluate the environmental pollution, if any, caused by the incident;
 - (e) identify and execute measures to minimise the emissions/malfunction and the effects thereof;
 - (f) identify and put in place measures to avoid recurrence of the incident;
and
 - (g) identify and put in place any other appropriate remedial action.

Reason: To provide for the protection of the environment.

Condition 11 CHARGES AND FINANCIAL PROVISIONS

11.1. Agency charges

- 11.1.1 The licensee shall pay to the Agency an annual contribution of £8,244.00 or such sum as the Agency from time to time determines, towards the cost of monitoring the activity or otherwise in performing any functions in relation to the activity, as the Agency considers necessary for the performance of its functions under the Waste Management Act, 1996. The licensee shall in 2000 and subsequent years, not later than January 31 of each year, pay to the Agency this amount updated in accordance with changes in the Consumer Price Index from the date of the grant of the licence to the renewal date. The updated amount shall be notified to the licensee by the Agency. For 1999, the licensee shall pay a pro rata amount from the date of grant of this licence to 31st December 1999. This amount shall be paid to the Agency within one month from the date of grant of this licence.
- 11.1.2 In the event that the frequency or extent of monitoring or other functions carried out by the Agency needs to be increased due to an incident occurring on or adjacent to the facility and associated with the facility, the licensee shall contribute such sums as determined by the Agency to defraying its costs.

11.2. Environmental Liabilities

- 11.2.1 The licensee shall arrange for the completion of a comprehensive and fully costed Environmental Liabilities Risk Assessment for the facility which will address liabilities arising from the carrying on of the activities to which this licence relates or in consequence of ceasing to carry on those activities. A report on this assessment shall be submitted to the Agency for agreement within six months of date of grant of this licence.
- 11.2.2 Within nine months of the date of grant of this licence, the licensee shall make a Proposal for Financial Provision to the Agency for its agreement to cover any liabilities incurred by the licensee in carrying on the activities to which this licence relates or in consequence of ceasing to carry on those activities. Such provision shall be maintained unless otherwise agreed in writing by the Agency.
- 11.2.3 The amount of financial provision, held under Condition 11.2.2 shall be reviewed and revised as necessary, but at least annually. Any proposal for such a revision shall be submitted to the Agency for its agreement.
- 11.2.4 The licensee shall within two weeks of purchase, renewal or revision of the financial provision required under Condition 11.2.2, forward to the Agency written proof of such indemnity.

11.3. Sanitary authority charges

- 11.3.1 Sanitary authority charges as follows shall be paid to Dublin Corporation. The charges will be adjusted from time to time by Dublin Corporation in response to increased costs in providing drainage and monitoring.

Charge per cubic metre of trade effluent	£0.1315
Payment frequency	once per year

Annual monitoring costs	£1,200.00
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Reason: To provide for adequate financing for monitoring and financial provisions for measures to protect the environment.

SCHEDULE A Waste Activities

Activities authorised by the licence shall be restricted to those described below.

WASTE MANAGEMENT ACT, 1996: THIRD SCHEDULE <i>Note 1</i>	
Class 4	<p>Surface impoundment, including placement of liquid or sludge discards into pits, ponds or lagoons:</p> <p>This activity is limited to the storage of waste oil in the settlement tanks and the temporary storage of settled sludge and settled solids from the waste water treatment plant.</p>
Class 7	<p>Physico-chemical treatment not referred to elsewhere in this Schedule which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1 to 10 of this Schedule (including evaporation, drying and calcination):</p> <p>This is the principal activity and relates to the separation of hydrocarbon sludges into oil, water and sludge fractions and the subsequent disposal of segregated fractions. It also relates to the processing of other accepted waste and their subsequent disposal.</p>
Class 11	<p>Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule:</p> <p>This activity is limited to the mixing of waste oil from different sources in the settlement tanks.</p>
Class 12	<p>Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule:</p> <p>This activity refers to the pumping of treated waste from storage tanks to road tankers for transfer to other facilities.</p>
Class 13	<p>Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste was produced:</p> <p>This activity is limited to the storage of waste materials at the facility prior to on site disposal or consignment to off site disposal facilities.</p>

Note 1: Any reference to a Class is to be taken as being a class in the Third Schedule of the Waste Management Act, 1996.

WASTE MANAGEMENT ACT, 1996: FOURTH SCHEDULE <i>Note 2</i>	
Class 2.	<p>Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes):</p> <p>This activity refers to the separation of ink, plastic and metal fractions from ink-jet printer cartridges and the subsequent recovery of segregated fractions.</p>

Class 3.	Recycling or reclamation of metals and metal compounds:
	This activity refers to the crushing of metal drums and the subsequent removal of the drums for recovery and to the separation of ink, plastic and metal fractions from ink-jet printer cartridges and the subsequent recovery of the segregated fractions.
Class 4.	Recycling or reclamation of other inorganic materials:
	This activity refers to the separation of ink, plastic and metal fractions from ink-jet printer cartridges and the subsequent recovery of the segregated fractions.
Class 6.	Recovery of components used for pollution abatement:
	This activity involves the cleaning of booms and other material used in pollution abatement.
Class 8	Oil re-refining or other re-uses of oil:
	This activity refers to the separation of hydrocarbon sludges into oil, water and sludge fractions and the subsequent recovery of segregated fractions.
Class 13.	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste was produced:
	This activity is limited to the storage of waste materials at the facility prior to on site recovery or consignment to off site recovery facilities.

Note 2: Any reference to a Class is to be taken as being a class in the Fourth Schedule of the Waste Management Act, 1996



SCHEDULE B Content of the Environmental Management Programme

Environmental Management Programme
<p>Details of Operator</p> <p>Name and Address of Operator and Site. Included should be contact names in respect of persons with managerial responsibility for site operations, including the facility manager. Relevant telephone numbers should also be given. All relevant drawings should be included in the EMP.</p>
<p>Types of Waste Accepted</p> <p>A detailed description of the types of waste that can be accepted on the site should be given.</p>
<p>Quantity of Wastes Accepted</p> <p>Details should be given on the annual quantity of waste taken into the site.</p>
<p>Engineering Details</p>

Table D(ii) Once-off Reports

Report	Report Submission Date
<p>1. Environmental Management System</p> <p>Schedule of Environmental Objectives and Targets</p> <p>Environmental Management Programme</p> <p>Management and manning levels</p> <p>Communications Programme.</p>	<p>Within twelve months from the date of grant of licence unless otherwise stated for individual components</p> <p>Within four months from the date of grant of this licence.</p> <p>Within nine months from the date of grant of licence.</p> <p>Within three months from the date of grant of licence.</p>
<p>2. Emergency Response</p> <p>Emergency Response Procedure</p> <p>Risk Assessment, Fire Fighting and Fire-water retention study</p>	<p>Within six months from the date of grant of licence.</p>
<p>3. Infrastructure</p> <p>Proposals for the bunding of all fuel storage areas</p> <p>Location of designated waste storage areas</p> <p>Procedure for identifying temperature set points for the heating of waste oil</p>	<p>Within six months from the date of grant of licence unless otherwise stated for individual components</p> <p>Within three months from the date of grant of licence.</p>
<p>4. Emissions and monitoring</p> <p>Location of noise monitoring points</p> <p>Location of interceptor discharge sampling point</p> <p>Proposals for the assessment of fugitive emissions</p> <p>Procedure for the representative sampling of waste water discharged to sewer.</p>	<p>Within twelve months from the date of grant of licence unless otherwise stated for individual components</p> <p>Within six months from the date of grant of licence.</p> <p>Within six months from the date of grant of licence.</p> <p>Within three months from the date of grant of licence.</p>
<p>5. Financial capacity</p> <p>Proposals for a Decommissioning and Aftercare Plan</p> <p>Report on Environmental Liabilities Risk Assessment</p> <p>Proposal for Financial Provision</p>	<p>Within nine months from the date of grant of licence unless otherwise stated for individual components</p> <p>Within six months from the date of grant of licence.</p> <p>Within six months from the date of grant of licence.</p>

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SCHEDULE E Monitoring

All monitoring frequencies and programmes listed in this Schedule are subject to alteration under Condition 10 or as a result of an incident.

E.1: Monitoring of emissions to sewer

Sewer monitoring points reference number: **EFF1** (drawing no. 501001/08), interceptor discharge sampling point

Table E.1.1 Sewer discharge monitoring location

STATION	EASTING	NORTHING
EFFLUENT SAMPLING POINT (EFF1)	317488	234716
INTERCEPTOR DISCHARGE SAMPLING POINT	Location to be agreed with the Agency	

Table E.1.2 Sewer discharge monitoring frequency and sampling methods

Parameter	Monitoring frequency	Analysis method or technique
Flow to sewer		
BOD₅	Monthly	24-hour composite
COD	Monthly	24-hour composite
Suspended solids	Monthly	24-hour composite
Sulphates (as SO₄)	Monthly	24-hour composite
Fats, oil and grease	Monthly	24-hour composite
Detergents as methylene blue active substances (MBAS)	Monthly	24-hour composite
Temperature	Monthly	grab
pH	Monthly	grab
Zinc	Monthly	24-hour composite
Copper	Monthly	24-hour composite

E.2: Monitoring of noiseNoise Monitoring Point Reference Numbers: **AE11 - 17****Table E.2.1 Noise monitoring locations**

STATION	EASTING	NORTHING
NOISE MONITORING POINT 1 (AE11)	see Note 1.	
NOISE MONITORING POINT 2 (AE12)		
NOISE MONITORING POINT 3 (AE13)		
NOISE MONITORING POINT 4 (AE14)		
NOISE MONITORING POINT 5 (AE15)		
NOISE MONITORING POINT 6 (AE16)		
NOISE MONITORING POINT 6 (AE17)		

Note 1: The location of noise monitoring points shall be agreed in writing with the Agency in advance.

Table E.2.2 Noise monitoring

Parameter	Monitoring frequency	Analysis method or technique
L(A)_{EQ} [30 minutes]	Annually	Standard ^{Note 1}
L(A)₁ [30 minutes]	“	“
L(A)₁₀ [30 minutes]	“	“
L(A)₉₀ [30 minutes]	“	“
L(A)₉₅ [30 minutes]	“	“

Note 1: International Standards Organisation. ISO 1996. Acoustics - Description and Measurement of Environmental Noise. Parts 1, 2 and 3.

E.3: Groundwater

Groundwater Monitoring Point Reference Numbers: **MW1, MW2 and MW3** (drawing no. 501001/08)

Table E.3.1 Groundwater monitoring locations

STATION	EASTING	NORTHING
GROUNDWATER MONITORING POINT 1 (MW1)	317497	234747
GROUNDWATER MONITORING POINT 2 (MW2)	317480	234700
GROUNDWATER MONITORING POINT 3 (MW3)	317458	234747

Table E.3.2 Groundwater monitoring

Parameter	Unit of measure	Monitoring frequency	Analysis method or technique
pH	-	Quarterly	Standard ^{Note 1}
Conductivity	µS/cm	“	“
Residue at 180°C	mg/l	“	“
Ammonia as NH ₄	“	“	“
Cyclohexane extractable matter	“	“	“
Iron	“	“	“
Manganese	“	“	“
Phosphate	“	“	“
Total organic carbon	“	“	“
Total petroleum hydrocarbons	“	“	“
Phenols	“	“	“
Cadmium	“	“	“
Chromium	“	“	“
Copper	“	“	“
Lead	“	“	“
Mercury	“	“	“
Nickel	“	“	“
Zinc	“	“	“
Organic solvents ^{note 2}		“	Gas chromatography

Note 1: All analyses shall be carried out by a competent laboratory using standard and internationally acceptable techniques. The testing laboratory and the testing technique shall be agreed in writing with the Agency in advance.

Note 2: Screening for priority pollutant list substances. The analysis shall include those organic solvents accepted as waste or used at the facility.



SCHEDULE F Specified Engineering Works

Table F.1 Specified Engineering Works

Specified Engineering Works
Development of waste storage areas.
Installation of sumps or other drainage controls.
Installation of groundwater control and/or monitoring systems.
Installation of bunded fuel storage areas.
Installation of increased waste processing capacity.
Installation of waste processing or other equipment.
Any other works notified in writing by the Agency.

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Part III - Activities Refused

In pursuance of the powers conferred on it by the Waste Management Act 1996, the Environmental Protection Agency (the Agency) proposes, under Section 40 to refuse the following classes of activities.

Refused classes of activity in accordance with the Third Schedule of the Waste Management Act 1996.

Class 2: Land treatment, including biodegradation of liquid or sludge discards in soils.

REASON: The proposed method of treatment is not appropriate for the waste concerned and would not satisfy the requirements of Section 40 (4) of the Waste Management Act 1996.

Class 10: Release of waste into a water body (including a seabed insertion).

REASON: No specific proposals for the discharge of waste to water were included as part of the licence application.

Refused classes of activity in accordance with the Fourth Schedule of the Waste Management Act 1996.

Class 1: Solvent reclamation or regeneration.

REASON: No specific proposals for the reclamation or regeneration of solvents were included as part of the licence application.

Class 9: Use of any waste principally as a fuel or other means to generate energy.

REASON: The proposed activity would not comply with the requirements of Section 40(4) of the Waste Management Act, 1996.

Class 11: Use of waste obtained from any activity referred to in a preceding paragraph of this Schedule.

REASON: The proposed activity would not comply with the requirements of Section 40(4) of the Waste Management Act, 1996.

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Given by the Agency on this 18th day of May 1999.

**Signed on behalf of the said Agency:
on the 18th day of May 1999**

Anne Butler

Authorised Person