

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

TECHNICAL AMENDMENT A  
TO  
WASTE LICENCE

<b>Licence Register Number:</b>	W0001-04
<b>Licensee:</b>	Kerry County Council
<b>Location of Facility:</b>	Muingnaminnane Tralee County Kerry



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

The Environmental Protection Agency has examined the terms of the Waste Licence Reg. No. W0001-04 granted on 24/03/2010 as required by the provisions of Article 12 of the European Communities Environmental Objectives (Groundwater) Regulations 2010, as amended and determined that the licence can be brought into conformity with the provisions and requirements of said regulations by the exercise of the powers conferred by Section 42B(1)(c) of the Waste Management Acts 1996 to 2013.

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of licence Reg. No. W0001-04 granted on 24/3/2010 as well as any amendments noted herein, any emissions from the activity will comply with and not contravene any of the requirements of Section 40(4) of the Waste Management Acts 1996 to 2013.

## ***Technical Amendment***

In pursuance of the powers conferred on it by Section 42B(1)(c) of the Waste Management Acts 1996 to 2013, the Agency amends Licence Reg. No. W0001-04, granted to Kerry County Council, County Buildings, Tralee, County Kerry.

Henceforth, the licence shall be read in conjunction with the amendments set out below.

This technical amendment is limited to the following:

- Interpretation
- Conditions 1, 2, 3, 5, 6, 8, 10, 11, 12
- Schedule C



## Amendments

### INTERPRETATION

**Insert terms in Interpretation:**

**Compliance Point**      The point (location, depth) at which a compliance value should be met. Generally it is represented by a borehole or monitoring well from which representative groundwater samples can be obtained.

**Compliance Value**      The concentration of a substance and associated compliance regime that, when not exceeded at the compliance point, will prevent pollution and/or achieve water quality objectives at the receptor.

**Amend term in Interpretation**

**Incident**      The following shall constitute as 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 exceedance of the daily duty capacity of the waste handling equipment;
- (iv)    any trigger level specified in this licence which is attained or exceeded;
- (v)    any compliance value specified in this licence which is attained or exceeded; and,
- (vi)    any indication that environmental pollution has, or may have, taken place.

*Amend the INTERPRETATION to include the above.*

### Conditions of Licence

**1.9**      The use of the licensed facility for the temporary storage of waste or other material as may arise during implementation of the Kerry County Oil and Hazardous and Noxious Substances Spill Contingency Plan shall be subject to agreement by the Agency under the conditions of this licence.

*To be inserted after condition 1.8 of the existing licence.*

**2.3.2.5**      Oil and Hazardous and Noxious Substances Spill Contingency Plan Procedures

The licensee shall develop and maintain procedures to be followed in the event that the facility is to be used for the temporary storage of waste or other material as may arise during implementation of the Kerry County Oil and Hazardous and Noxious Substances Spill Contingency Plan ("the Plan"). The procedures shall be prepared, reviewed and updated at the same frequency as the Plan and at least once every three years. The procedures shall at all times be to the satisfaction of the Agency.

*To be inserted after condition 2.3.2.4 of the existing licence.*

*cc*

**3.24** Oil and Hazardous and Noxious Substances Storage Areas

- 3.24.1 Any existing infrastructure at the facility to be used for the temporary storage of waste or other material as may arise during implementation of the Kerry County Oil and Hazardous and Noxious Substances Spill Contingency Plan ("the Plan") shall be constructed and maintained in a manner suitable, and be of a size appropriate, for the storage of such waste or other material. Such areas shall be clearly identified.
- 3.24.2 Drainage from these areas shall be directed to an on-site lagoon that has been inspected in accordance with the conditions of this licence.
- 3.24.3 Drainage (in the form of run-off or leachate) shall only be directed to lagoons where there is adequate capacity to contain the discharged liquid.
- 3.24.4 The licensee may mix leachate and run-off from these areas with leachate and surface water already in the lagoons, but shall endeavour to minimise such mixing.
- 3.24.5 The outlet for drainage from these areas shall be fitted with a control valve.
- 3.24.6 Notwithstanding the conditions of this licence, the licensee shall carry out maintenance and integrity and performance checks at least once every three years on all infrastructure to be used for the temporary storage of waste or other material as may arise during implementation of the Plan. Such maintenance and integrity and performance checks shall have the objective of ensuring that the hazardous substances contained in the waste or other materials will not leak from contained structures.

*To be inserted after condition 3.23 of the existing licence.*

**5.13** In the context of the Kerry County Oil and Hazardous and Noxious Substances Spill Contingency Plan ("the Plan"), the following materials shall be removed from the facility at the earliest opportunity following their arrival/generation:

- waste or other material as may arise during implementation of the Plan that is temporarily stored at the facility; and
- any collected leachate or run-off from the storage areas that is collected in on-site lagoons, including such liquid that is mixed with leachate or surface water run-off.

The material shall be dispatched for treatment and/or disposal at appropriately authorised facilities.

The discharge to sewer of any such material that may have been mixed with landfill leachate shall be agreed in advance by the Agency.

*To be inserted after condition 5.12 of the existing licence.*

**6.5.3** The licensee shall carry out continuous monitoring in the surface water/groundwater retention ponds. Such continuous monitoring shall include conductivity, pH and ammonia and shall be carried out at the inlet to the ponds. No discharge from these ponds shall take place once the trigger levels agreed by the Agency have been breached.

*Delete condition 6.5.3 of the existing licence and replace with the above condition.*

- 6.7.3** Discharges of leachate to sewer shall only be made if agreed by the Agency and subject to compliance with:
- all relevant requirements of Condition 4.12 of licence register number D0180-01 in relation to the Castleisland waste water treatment plant discharge; and
  - unless otherwise agreed by the Agency, construction of a suitable anoxic tank and installation of a soda ash/caustic dosing system at the Castleisland waste water treatment plant.

The Agency may withdraw its agreement under this condition should any failure, or threat of failure, to comply with licence register number D0180-01 result from the acceptance of leachate at the Castleisland waste water treatment plant.

*To be inserted after condition 6.7.2 of the existing licence.*

- 6.8** The licensee shall at no time discharge or permit to be discharged into the sewer any liquid matter or thing which is or may be liable to set or congeal at average sewer temperature or is capable of giving off any inflammable or explosive gas or any acid, alkali or other substance in sufficient concentration to cause corrosion to sewer pipes, penstock and sewer fittings or the general integrity of the sewer.

*To be inserted after condition 6.7 of the existing licence.*

- 8.15** The licensee shall develop and maintain a dedicated surface water and groundwater monitoring programme to be implemented in the event that the facility is used for the temporary storage of waste or other material as may arise during implementation of the Kerry County Oil and Hazardous and Noxious Substances Spill Contingency Plan ("the Plan"). The programme shall be prepared, reviewed and updated at the same frequency as the Plan and at least once every three years. The programme shall at all times be to the satisfaction of the Agency and shall incorporate weekly monitoring of relevant parameters at appropriate locations for the duration of the temporary storage and for an appropriate period afterwards.

*To be inserted after condition 8.14 of the existing licence.*

- 8.16** Within eighteen months of the date of this technical amendment, the licensee shall carry out a risk screening and where necessary a technical assessment in accordance with the *Guidance on the Authorisation of Discharges to Groundwater*, published by the Environmental Protection Agency. A report on the outcome of the screening and where relevant the recommendations of the technical assessment in relation to the setting of groundwater compliance points and values, shall be included in the next AER. Any actions required to demonstrate compliance with the European Communities Environmental Objectives (Groundwater) Regulations 2010, as amended shall be agreed by the Agency and implemented before 22nd December 2015. Groundwater monitoring results shall be submitted annually or as required in the Schedules to this licence.

*To be inserted after condition 8.15 of the amended licence.*

- 8.17** The licensee shall permit authorised persons of the Agency and the Sanitary Authority to inspect, examine and test, at all reasonable times, any works and apparatus installed in connection with the process effluent and to take samples of the process effluent.

*To be inserted after condition 8.16 of the amended licence.*

- 8.18** 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.

*To be inserted after condition 8.17 of the amended licence.*

- 8.19** The licensee shall carry out monitoring of the leachate discharged to sewer at monitoring point LDP (grid reference 94910 117363). Monitoring shall be carried out monthly for the parameters listed in Schedule C.5 *Emissions to sewer*. The volume of leachate discharged shall be measured continuously. Monitoring of discharged leachate for the following parameters shall be carried out at a frequency to be agreed by the Agency:

- total nitrogen;
- molybdate-reactive phosphorous;
- alkalinity;
- heavy metals;
- substances listed in Schedules 5 and 6 of the 2009 Surface Water Regulations.

*To be inserted after condition 8.18 of the amended licence.*

- 10.8** In the event of any incident which relates to discharges to sewer having taken place, the licensee shall notify the Agency, local authority and sanitary authority as soon as practicable after the incident.

*To be inserted after condition 10.7 of the existing licence.*

- 11.1** The licensee shall keep the following documents at the facility office:-
- a) The current waste licence relation to the facility;
  - b) The current EMS for the facility;
  - c) The previous year's AER for the facility;
  - d) All written procedures produced by the licensee which relate to the licensed activities; and
  - e) A copy of the Kerry County Oil and Hazardous and Noxious Substances Spill Contingency Plan.

*Delete condition 11.1 of the existing licence and replace with the above condition.*

**11.9** The licensee shall record all sampling, analyses, measurements, examinations, calibrations and maintenance carried out in accordance with the requirements of this licence.

*To be inserted after condition 11.8 of the existing licence.*

**12.8** The licensee shall, where possible, notify the Agency of the intended use of the facility for the temporary storage of waste or other material as may arise during implementation of the Kerry County Oil and Hazardous and Noxious Substances Spill Contingency Plan ("the Plan"). Where prior notification is not possible, the licensee shall notify the Agency as soon as practicable and in any case not later than 10 a.m. on the following working day after acceptance of material for storage.

The use of the facility for the temporary storage of waste or other material as may arise during implementation of the Plan shall be reported in the AER.

*To be inserted after condition 12.7 of the existing licence.*

**Schedules to Licence**

**SCHEDULE C: Emission Limits**

**C.5 Emissions to Sewer**

**Emission Point Reference No:** LDP  
**Location:** Leachate holding tank  
**Volume to be emitted:** Maximum in any one day: 300m<sup>3</sup>

Parameter	Emission Limit Value
pH	6.5 – 8.0
BOD	28 kg/day
COD	69 kg/day
Ammonia	10 kg/day

*To be inserted after Schedule C .4 of the existing licence.*

This technical amendment shall be cited as Amendment A (in pursuance of Section 42B(1) of the Waste Management Acts 1996 to 2013) to Waste Licence Register Number W0001-04.

**Sealed by the seal of the Agency on this the 22<sup>nd</sup> day of May, 2013**

**PRESENT when the seal of the Agency was affixed hereto:**

  
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 Dr Karen Creed, Authorised Person

