

## Notice: Variation of Permit

This permit has been varied by the Scottish Environment Protection Agency (SEPA) in exercise of its powers under Regulation 46 of the Pollution Prevention and Control (Scotland) Regulations 2012 (“the Regulations”). The terms used in this notice, unless otherwise defined, have the same meaning as in the Regulations.

<b>Permit Number:</b>	PPC/A/1003141
<b>Site address:</b>	Lerwick Energy Recovery Plant Lerwick Shetland ZE1 0PX
<b>Operator:</b>	Shetland Islands Council 8 North Ness Lerwick Shetland ZE1 0LZ
<b>Variation Number:</b>	PPC/A/1003141/VAR01
<b>Effective Date of Variation:</b>	15/07/2022
<b>Details of Variation:</b>	The permit is varied as specified in the Schedule attached.

## Schedule

The permit has been varied as follows:

**1. Condition 1.1.3 is deleted and replaced by:**

- 1.1.3 The Activity carried out at the Stationary Technical Unit is the incineration of waste as described in Schedule 1 of the Regulations, Section 5.1, Part A, paragraph (a) Incineration of hazardous waste in an incineration or co-incineration plant, and paragraph (b) Incineration of non-hazardous waste with the exception of waste which is biomass or animal carcasses in an incineration or co-incineration plant.

**2. Condition 1.1.4, after the word “filtration” in 1.1.4 g) insert:**

; and

- h) clinical waste handling equipment for the direct feeding of waste to the incinerator

**3. Conditions 4.1.7 and 4.1.8 are deleted.**

**4. After Condition 4.2.4 insert:**

- 4.2.5 Hazardous clinical waste must not exceed 20% of the overall daily waste input to the incinerator in any 24-hour period.

**5. In Table 4.1 insert rows:**

180103*	Wastes whose collection and disposal is subject to special requirements in order to prevent infection (no liquids, chemicals, cytotoxic / cytostatic medicines, anatomical waste, or sharps)
180106*	Chemicals consisting of, or containing, hazardous substances
180107	Chemicals other than those mentioned in 180106
180109	Medicines other than those mentioned in 180108

\* denotes hazardous waste

**6. In Table 4.2 insert rows:**

The physical and as far as practicable the chemical composition of any hazardous waste and all other information necessary to validate that the waste can be suitable for Incineration in the Incineration Plant
The hazardous characteristics of the waste, the substances with which it could not be mixed, and the precautions to be taken in handling that hazardous waste

**7. In Table 4.3, after the word “Clinical” insert:**

hazardous and clinical non-hazardous

**8. In Condition 4.2.4 the words “200 tonnes” are deleted and replaced by:**

3750 tonnes EWC 180103\*, 3 tonnes EWC 180106\*, 240 tonnes EWC 180104, 2 tonnes EWC 180107, and 5 tonnes EWC 180109

**9. After Condition 4.4 insert:**

4.5 Clinical Waste

- 4.5.1 The Operator shall notify SEPA in writing of their intention to accept clinical waste originating from outwith NHS Shetland or NHS Orkney at least 7 days prior to accepting such waste. The notification shall include a justification that transport to, and processing on, Shetland represents BAT.
- 4.5.2 Pre-acceptance audit (PAA) reports must be reviewed by competent site personnel prior to accepting any clinical waste from new establishments (and thereafter on a specified schedule). Clinical waste must not be accepted on site if the associated PAA is more than 12 months old. A procedure for reviewing and recording PAA's must be available at site for inspection. A system must be in place to notify site personnel when annual update PAA's are due to be submitted.
- 4.5.3 All hazardous clinical wastes entering the site must arrive in bins designed to prevent direct handling of those wastes. The bins must be visually inspected to ensure the contents meet the waste types and quantities authorised prior to the delivery vehicles leaving site. All 770L transport bins must be inspected to ensure they arrive locked and free from visible defects. A procedure for undertaking and recording these inspections must be available at site for inspection.
- 4.5.4 Condition 4.3.4 does not apply to clinical waste. All non-conforming clinical wastes are to be returned to the producer on the vehicle in which they arrived. Non-conforming wastes are not to be quarantined on site. A procedure for recording non-conforming wastes and bin defects must be available at site for inspection.
- 4.5.5 Hazardous clinical wastes must not be directly handled, compacted, or mixed with other wastes prior to entering the designated clinical waste feed hopper.
- 4.5.6 No hazardous clinical waste or empty clinical waste transport bins should remain on site for more than 24 hours.
- 4.5.7 Clinical waste delivery bins must not be cleaned or disinfected on site.
- 4.5.8 Robust procedures, equipment, and broad-spectrum disinfectants must be available to prevent environmental impact from chemical and biological spillages at the facility. Spillages must be cleaned up without delay, and all appropriate staff must be trained in clinical waste equipment cleaning and spillage response procedures.

- 4.5.9 Notwithstanding Condition 4.3.2, the Operator must maintain a system for recording:
- a) the quantities of different clinical waste types received on site each day, the cumulative annual totals, and remaining annual capacity compared to the maximum processing limits (see Condition 4.2.4); and
  - b) the total time clinical wastes have been on-site compared to the maximum duration of storage (see Condition 4.5.6).

**10. In Condition 5.1.1 e) insert the words “subject to Condition 2.8.3,” before the words “no waste”.**

**11. In Condition 5.1.1 f) delete the number “4.1.8” and replace it with “4.5.5,”**

**12. After Condition 5.1.3 insert:**

- 5.1.4 No hazardous clinical waste shall be loaded to the incinerator grate within 4 hours of steady state running following start-up.

**13. In Condition 5.4.3 after the words “where ELVs are exceeded” insert:**

In addition, no clinical wastes shall be loaded into the waste feed hopper, at any time, if any parameters of Condition 5.1.1 are non-compliant.

**14. In Condition 6.1.17 after the words “Condition 6.1.15” insert:**

and a statement confirming the type (by EWC code) and quantity (if any) of clinical waste on the incinerator bed at the time