

Permit Number: PPC/E/0020085/VN11

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.

| | |
|-------------------------------------|--|
| Permit Number: | PPC/E/0020085 |
| Permit Holder: | Fife Council Fife House North Street Glenrothes Fife KY7 5LT. |
| Variation Number: | 11 |
| Effective Date of Variation: | 29 September 2021 |
| Details of Variation: | The permit is varied as specified in the Schedule attached. |

Signature: 

Date: 29 September 2021

Authorised to sign on behalf of the
Scottish Environment Protection Agency

Permit Number: PPC/E/0020085/VN11

Schedule

Permit number PPC/E/0020085 (As Varied) has been varied as follows:-

1. Condition 1.1.2 is deleted and replaced with the following:
 - 1.1.2 The site of the Permitted Installation (“the Site Boundary”) is delineated in green on the Site Plan at Appendix 1.

2. Condition 1.1.4.3 after Condition 1.1.4.2 as follows -
 - 1.1.4.3 The recovery, or a mix of recovery and disposal, of non-hazardous waste at an installation with a capacity exceeding 75 tonnes per day, by treatment of ashes, being an activity falling within paragraph (b)(iii) of Part A of Schedule 5.4 of Schedule 1 of the Regulations;

3. Condition 1.1.5.3 shall be added after Condition 1.1.5.2 as follows:
 - 1.1.5.3 The Incinerator Bottom Ash (IBA) processing facility as shown delineated in red on the plan at Appendix 4.

4. Condition 2.10 is deleted and replaced with the following:

2.10 Noise and Vibration

- 2.10.1 Within 10 weeks of the first or second commencement of IBA treatment using mobile plant, the Operator shall submit an environmental noise report to SEPA, conforming to a recognised British Standard, quantifying the impact of the specific noise at noise sensitive receptors during operational treatment periods. The report should detail any intermittency, tonal, or other factors that may make the specific noise subjectively more annoying at those receptors.

- 2.10.2 Within 2 months of submitting the environmental noise report, as required by Condition 2.10.1, the Operator shall submit a Noise Management Plan to SEPA, describing any further measures to be taken to prevent, or where that is not practicable minimise, the impact of noise emissions on noise sensitive receptors.

- 2.10.3 At least every 4 years, the Operator shall carry out a systematic assessment of noise and vibration emissions associated with the Permitted Activities, the purpose of which shall be to identify sources of noise and vibration on the site and methods of reducing noise and vibration from these sources. Each assessment shall be recorded and reported to SEPA.

Permit Number: PPC/E/0020085/VN11

5. Conditions 2.15.2 and 2.15.3 shall be added after Condition 2.15.1 as follows:
- 2.15.2 Facilities for the spraying of stockpiles of Incinerator Bottom Ash shall be provided and maintained ready for use at all times.
- 2.15.3 Water spraying shall take place when necessary, to prevent emissions of particulates to air from stockpiles of crushed incinerator bottom ash, during processing of incinerator bottom ash, during the movement of crushed Incinerator bottom ash, or at any other times when emissions of particulates to air are likely.
6. Condition 3.1.4 shall be added after Condition 3.1.3 as follows:
- 3.1.4 The document titled Operating Techniques, SLR Ref No. 405.00698.00021 shall be incorporated into the Management Plan and updated as required in accordance with condition 3.1.3 above.
7. Conditions 4.1.9, 4.1.10 and 4.1.11 shall be added after Condition 4.1.8 as follows:
- 4.1.9 The quantity of waste accepted at the Incinerator Bottom Ash (IBA) processing facility annually shall not exceed 45,000 tonnes.
- 4.1.10 The maximum quantity of waste stored at the Incinerator Bottom Ash (IBA) processing facility at any time shall not exceed 45,000 tonnes.
- 4.1.11 The Operator shall ensure that the Incinerator Bottom Ash (IBA) processing facility only accepts the following wastes for storage and treatment:
- EWC 19 01 12 – bottom ash and slag other than those containing hazardous substances.
8. Condition 5.4 shall be added after Condition 5.3 as follows:

5.4 Storage and treatment of incinerator bottom ash wastes

- 5.4.1 Storage and treatment of incinerator bottom ash wastes within the Permitted Installation shall only be carried out in the containment pad, delineated in red, on the plan shown in Appendix 4.
- 5.4.2 The containment pad shall consist of a Geosynthetic Clay Liner (GCL) beneath a 1.5mm HDPE geomembrane liner across the base and bunds of the containment pad.
- 5.4.3 A protection layer shall be placed above the HDPE geomembrane liner consisting of 300mm layer of compacted incinerator bottom ash aggregate (IBAA) graded to <4mm and a further 300mm layer of compacted coarse cement bound incinerator bottom ash aggregate (IBAA) graded to >4mm.

Permit Number: PPC/E/0020085/VN11



5.4.4 The containment pad shall be provided with a HDPE lined sump to collect and contain wash waters and leachate from the incinerator bottom ash.

9. Condition 11.5 shall be added after Condition 11.4 as follows:

11.5 Incinerator Bottom Ash (IBA) processing facility monitoring

11.5.1 The Operator shall install four groundwater boreholes, two upgradient and two downgradient of the IBA processing facility, by 31 January 2022. The location of these boreholes shall be agreed with SEPA, in writing, prior to their installation.

11.5.2 Following commissioning of the groundwater boreholes required by condition 11.5.1, the Operator shall carry out a baseline analysis for PAH (Polycyclic Aromatic Hydrocarbons). This analysis shall be submitted to SEPA.

11.5.3 In addition to carrying out sampling and monitoring of the groundwater boreholes as required under Condition 11.1.4 the Operator shall carry out sampling and monitoring of the boreholes required by Condition 11.5.1 monthly for Aluminium (Al) and carry out an annual analysis for PAH.

10. APPENDIX 1 – SITE PLAN is deleted and replaced with the following:

APPENDIX 1 – SITE PLAN

(amended July 2021)



11. APPENDIX 4 shall be added as follows:

**APPENDIX 4 – PLAN – INCINERATOR BOTTOM ASH (IBA) PROCESSING
PAD LOCATION**

