

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-A-1142648
Site address:	Elrig Farm Elrig Port William Newton Stewart Dumfries and Galloway DG8 9RB
Operator:	Elrig Eggs Limited (Company Registration Number: SC519410) Elrig Farm Elrig Port William Newton Stewart Dumfries and Galloway DG8 9RB
Variation Number:	VAR02
Effective Date of Variation:	<<Enter effective date – DD/MM/YYYY>>
Details of Variation:	The permit is varied as specified in the Schedule attached.

Schedule

The permit has been varied as follows:

1. **Condition 1.1.4.1 has been deleted and replaced by a new condition 1.1.4.1, as follows:**

1.1.4.1 13 poultry housing units with a capacity more particularly described below:

- a) 11 houses at Elrig free range egg farm with a combined capacity of 176,000 places for free range hens;
- b) 2 houses at Low Killantrae with a combined capacity of 64,000 places for pullets

The locations of the housing units are shown on the site plans

2. **Condition 1.1.4.2 has been deleted and replaced by a new condition 1.1.4.2 as follows:**

1.1.4.2 A mechanical ventilation system comprising:

- a) high velocity roof fans which expel air through chimney vents located on the roof of each housing unit (five per unit) at Elrig sites 1,2 & 3;
- b) high velocity gable end fans (three per housing unit) at Elrig sites 1,2 & 3;
- c) passive inlets located along the length of each housing at Elrig sites 1,2 & 3;
- d) high velocity gable end fans (8 per housing unit) at Low Killantrae;
- e) passive inlets located along the length of each housing unit at Low Killantrae;
- f) passive auxiliary inlets (2 per housing unit) at Low Killantrae

3. **Condition 1.1.5.4 has been deleted and replaced by a new condition 1.1.5.4 as follows:**

1.1.5.4 Handling of slurries and manures carried out using infrastructure more particularly described below:

- a) A series of underground collection tanks used for the collection of effluent from the housing at Elrig sites 1,2&3 located as indicated on site plans.
- b) two holding tanks at Low Killantrae as indicated on site plans
- c) Manure collection and removal every 2-3 days using conveyor belts and stored in a covered trailer before uplift.

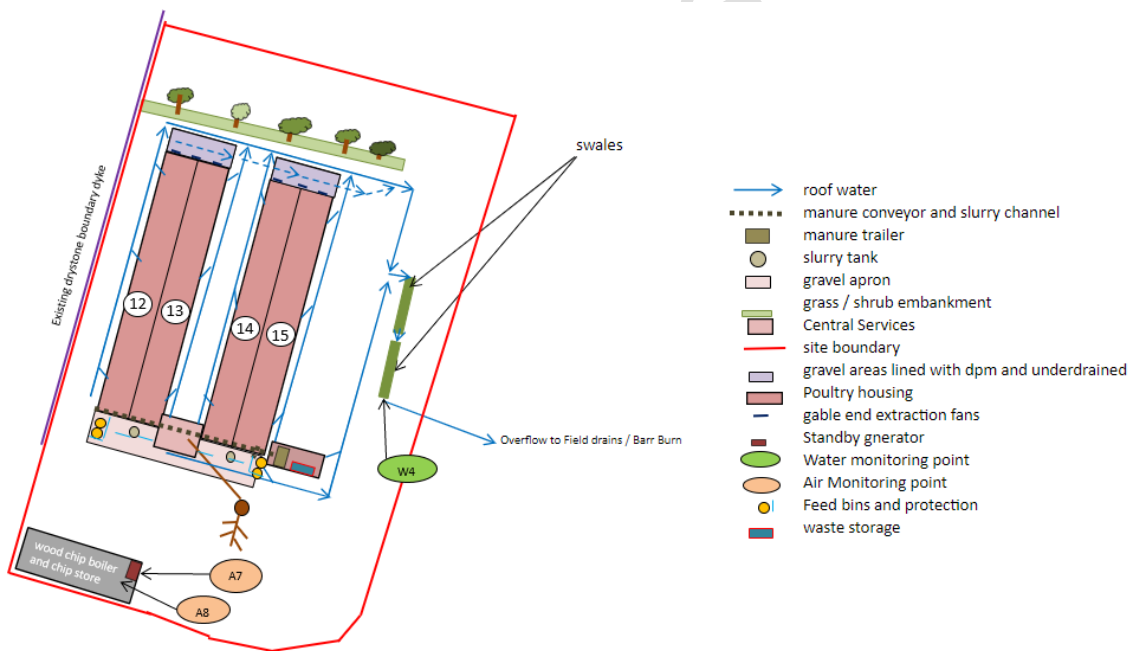
4. **Condition 1.1.5.7 has been deleted and replaced by a new 1.1.5.7 as follows:**

1.1.5.7 Lightly contaminated run off collection, drainage and treatment more particularly described below:

- a) Retention pond serving site 1
- b) Retention pond serving site 2
- c) Retention pond and wetland serving site 3
- d) Swale serving Low Killantrae

5. **Paragraph 1.2.4 Low Killantrae site has been inserted:**

1.2.4 Low Killantrae site



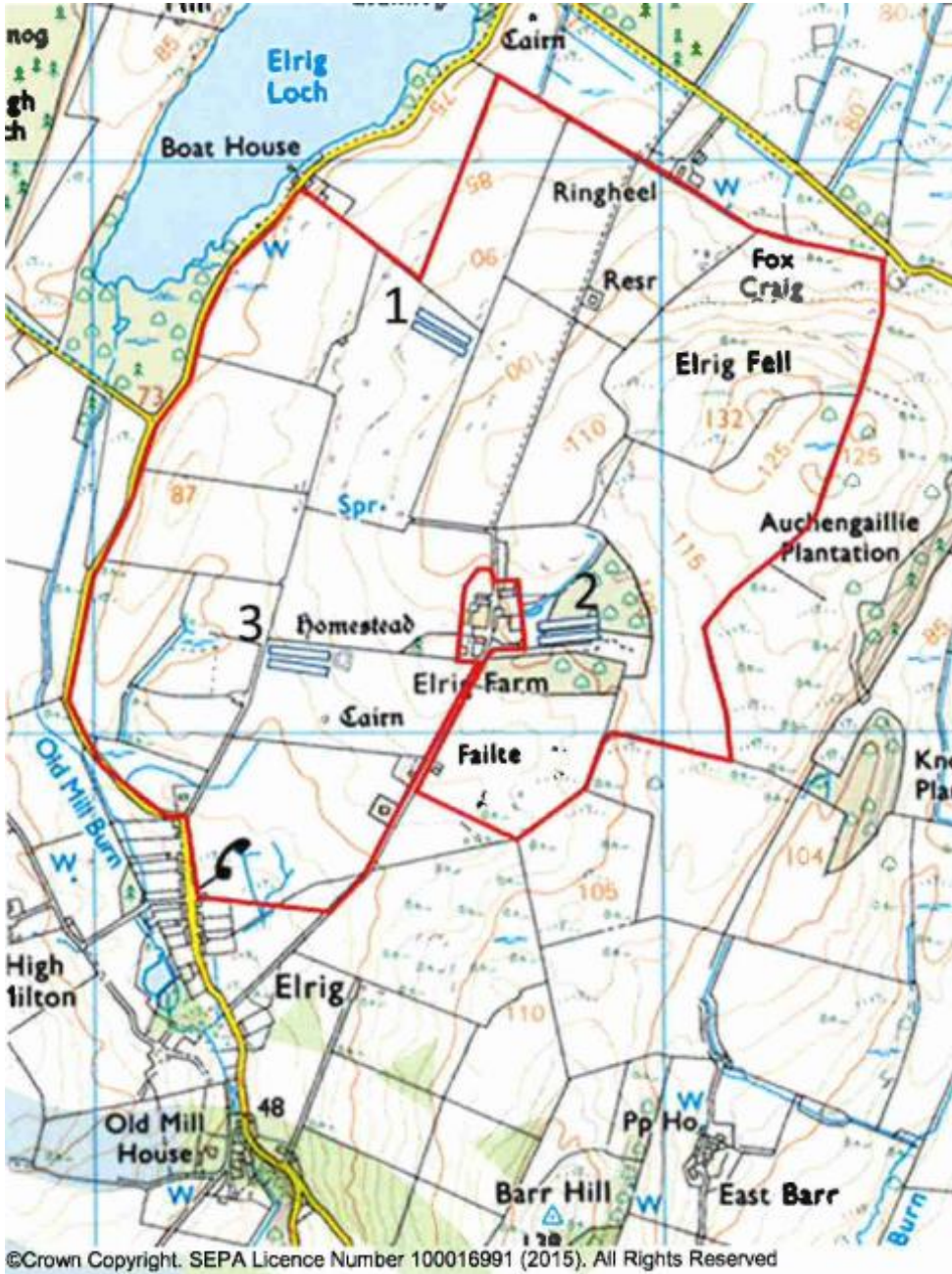
6. Paragraph 1.3.1 has been deleted and replaced with a new paragraph 1.3.1 below:

1.3.1 Large Scale



7. Paragraph 1.3.2 has been deleted and replaced with a new paragraph 1.3.2 Installation boundary below:

1.3.2 Installation Boundary Elrig sites 1, 2 & 3



8. A new paragraph 1.3.3 has been inserted as follows:

1.3.3 Installation Boundary Low Killantrae



9. **Table 3.1 has been deleted and replaced with new table 3.1 below:**

Table 3.1 - Waste Handling and Storage

Description of Waste	Location of Storage	Method of Storage	Maximum Permitted Quantity	Storage Conditions
General farm waste	On hardstanding outside houses	Covered skip	Three Skips	In covered skip on hardstanding at Elrig sites 1,2&3
Chicken Carcasses	Within Housing Units	Indoor Freezers	Three Containers	Within housing units at Elrig sites 1,2&3
General farm waste	On hardstanding outside houses	Covered skip	One Skip	In covered skip on hardstanding at Low Killantrae
Chicken Carcasses	Within Housing Units	Indoor Freezer	One Container	Within housing units at Low Killantrae

10. **Condition 3.3.2 has been deleted and replaced with new condition 3.3.2 below:**

3.3.2 No emission specified in Table 3.2 shall exceed the limit or be outwith the range as appropriate for the parameters specified in that Table;

Table 3.2 - Individual Source Emissions to Air

Source of Emission	Emission point number	A1	A2	A3	A4
	Emission source	Diesel Generator	Animal Carcass incinerator	Biomass Boiler	Diesel Generator
	Stack height/diameter (m)	N/A	N/A	N/A	N/A
	Location on Site Plan	Point A1 on 1.2.1 Elrig Site 1	Point A2 on 1.2.2 Elrig Site 2	Point A3 on 1.2.2 Elrig Site 2	Point A4 on 1.2.2 Elrig Site 2
	NGR	NX 3279 4816	NX 3264 4865	NX 3264 4863	NX 3263 4868
Limits	Smoke	Ringelmann Shade 1 - start up. No visible smoke - in operation	Ringelmann Shade 1 - start up. No visible smoke - in operation	Ringelmann Shade 1 - start up. No visible smoke - in operation	Ringelmann Shade 1 - start up. No visible smoke - in operation
Monitoring Details	Type of Monitoring	Visual Inspection During Operation	Visual Inspection During Operation	Visual Inspection During Operation	Visual Inspection During Operation
Source of Emission	Emission point number	A5	A6	A7	A8
	Emission source	Biomass Boiler	Diesel Generator	Diesel Generator	Biomass Boiler
	Stack height/diameter (m)	N/A	N/A	N/A	N/A
	Location on Site Plan	Point A5 on 1.2.3 Elrig Site 3	Point A6 on 1.2.3 Elrig Site 3	Point A7 on 1.2.4 Low Killantrae Site	Point A8 on 1.2.4 Low Killantrae Site
	NGR	NX 3239 4817	NX 3237 4813	NX 3316 4575	NX 3316 4575
Limits	Smoke	Ringelmann Shade 1 - start up. No visible smoke - in operation	Ringelmann Shade 1 - start up. No visible smoke - in operation	Ringelmann Shade 1 - start up. No visible smoke - in operation	Ringelmann Shade 1 - start up. No visible smoke - in operation
Monitoring Details	Type of Monitoring	Visual Inspection During Operation	Visual Inspection During Operation	Visual Inspection During Operation	Visual Inspection During Operation

11. Condition 3.3.3 has been deleted and replaced with new condition 3.3.3 below:

3.3.3 The emissions to the water environment specified in Table 3.3, shall only be permitted from the emission points specified in that Table to the destinations specified in said Table and only after having passed through the sample points specified in that Table.

Table 3.3 - Emissions to Water Environment/Sewer/Land

Source of Emission	Emission number point	W1	W2	W3	W4
	Source of Emission	Surface water drainage system serving roofs and hard-standing areas	Surface water drainage system serving roofs and hard-standing areas	Surface water drainage system serving roofs and hard-standing areas	Surface water drainage system serving roofs and hard-standing areas
	Destination	SUDS pond overflow to burn	SUDS pond overflow to burn	Wetland overflow to burn	Swale overflow to burn
	Emission location on site plan	Point W1 on 1.2.1 Elrig Site 1	Point W2 on 1.2.2 Elrig Site 2	Point W3 on 1.2.3 Elrig Site 3	Point W4 on 1.2.4 Low Killantrae site
	N.G.R	NX 3276 4820	NX 3267 4874	NX 3213 4817	NX 3326 4585
	Sampling location	Point W1 on 1.2.1 Elrig Site 1	Point W2 on 1.2.2 Elrig Site 2	Point W3 on 1.2.3 Elrig Site 3	Point W4 on 1.2.4 Low Killantrae site
Monitoring	Type of Monitoring	NA/Visual inspection	NA/Visual inspection	NA/Visual inspection	NA/Visual inspection

12. Condition 3.3.4 has been deleted and replaced with new Condition 3.3.4 below:

3.3.4 The emission from emission points W1, W2, W3 and W4 shall not contain any trade effluent or sewage, and shall not result in visible discolouration, iridescence, foaming or growth of sewage fungus in the water environment.

13. **Table 3.4 has been deleted and replaced with new Table 3.4 below:**

Table 3.4 Emission Limits and Monitoring Requirements

Emission point ref. & location	Parameter	Limit (incl. unit)	Monitoring frequency	Monitoring standard or method
Laying hens	Kg N excreted/animal place/year	0.8 kg N /animal place/year	Annually	Calculation by using a mass balance of nitrogen and phosphorus based on the feed intake, dietary content of crude protein, total phosphorus and animal performance or Estimation by using manure analysis for total nitrogen and total phosphorus content
	Kg P (as P ₂ O ₅) excreted/animal place/year	0.45 kg/P ₂ O ₅ /animal place/year	Annually	As above
Laying hens in Non caged housing	Kg NH ₃ /animal place/year	0.13 kg NH ₃ /animal place/year	Annually	Estimation by using emission factors
Pullets and Breeders for all poultry species	Kg N excreted/animal place/year	N/A	Annually	Calculation by using a mass balance of nitrogen and phosphorus based on the feed intake, dietary content of crude protein, total phosphorus and animal performance or Estimation by using manure analysis for total nitrogen and total phosphorus content
	Kg P (as P ₂ O ₅) excreted/animal place/year	N/A	Annually	As above
	Kg NH ₃ /animal place/year	N/A	Annually	Estimation by using emission factors
All livestock types	Dust (PM ₁₀)	N/A	Annually	Estimation by using emission factors