



Baseline Report- Ashleigh Farms Ltd

Ballinameela, Cappagh, Dungarvan, Waterford

CHC 00179 Rev.01

EPA Application ID: LA007257

March 2021

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Project Quality Control Data Sheet

Site Name	Ashleigh Farms Ltd – Ballinmeela Site
Report Name	Baseline Report
Report Number	CHC 00179 Rev.02
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Status	FINAL
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Client	Ashleigh Farm Ltd
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1.0 Introduction

The purpose of this report is to complete a baseline report in respect of the existing pig farm at Ballinmeela, Cappagh, Waterford. This report will be provided in support of an application for a license review to be submitted to the Environmental Protection Agency (EPA).

This report has been completed in line with guidance issued by the European Commission concerning baseline reports under Article 22 (2) of Directive 2010/75/EU on Industrial emissions.

Article 22 (1) of Directive 2010/75/EU on Industrial Emissions (IED) provides that, 'Without prejudice to Directive 2000/60/EC, Directive 004/35/EC, Directive 2006/118/EC of the European Parliament and of the Council of 12 December 2006 on the protection of groundwater against pollution and deterioration and to relevant Unit law on soil protection, the competent authority shall set permit conditions to ensure compliance with paragraphs 3 and 4 of this article upon definitive cessation of activities'.

Article 22, paragraphs 2 and 4, contains provisions for the definitive cessation of activities involving the use, production or release of relevant hazardous substances in order to prevent and tackle potential soil and groundwater contamination from such substances. A key tool in this respect is the establishment of a 'baseline report'. Where an activity involves the use, production or release of relevant hazardous substances and having regard to the possibility of soil and groundwater contamination, a baseline report is to be drawn up before the operation of the installation or before a permit for the installation is updated for the first time after 7th January 2013. The report will form the basis for the comparison with the state of contamination upon definitive cessation of activities. Where information produced pursuant to other national or Union law reflects the state at the time the report is drawn up, that information may be included in, or attached to, the baseline report.

Article 3 (19) of the IED clarifies that the baseline report needs to provide information on the state of soil and groundwater contamination by relevant hazardous substances.

CHC Environmental Solutions Ltd have been retained by Ashleigh Farms Ltd to complete a baseline screening report, relating to an application for an IED license review.

1.1 Stages in Producing a Baseline Report

A number of key tasks should be undertaken to both determine whether a baseline report needs to be produced for a particular situation and in order to produce the baseline report itself.

Eight stages have been identified in this process, covering the following main elements:

Stages 1-3: to decide whether a baseline report is required;

Stages 4-7: to determine how a baseline report has to be prepared;

Stages 8: to determine the content of the report

2.0 Determination as to the requirement for a baseline Report

2.1 Stage One

Activity - Identify which hazardous substances are used, produced or released at the installation and produce a list of these hazardous substances, and;

Objective – Determine whether or not hazardous substances are used, produced or released in view of decided on the need to prepare and submit a baseline report.

The existing development is the rearing of pigs from piglet to market weight fattened pigs. The full animal complement 9900 production pigs. The applicant uses an automated feeding system which allows pigs to eat when they want and as often as they want. The daily water requirement is met using three onsite water supply wells. Removed manure will be land spread on farms.

Use of Hazardous Substances	No hazardous substances have been used on the site
Production of Hazardous Substances	No hazardous substances are produced on the farm
Release of Hazardous Substances	No Hazardous substances are released from the farm

2.2 Stage Two

Activity - Identify which of the hazardous substances from Stage 1 are 'relevant hazardous substances' (see reference to Section 4.2 of guidance below). Discard those hazardous substances that are capable of contaminating soil or groundwater. Justify and record the decisions taken to exclude certain hazardous substances, and;

Objective – to restrict further consideration to only the relevant hazardous substances in view of deciding on the need to prepare and submit a baseline report.

Section 4.2 of Guidance: 'Relevant hazardous substances' are defined as (Article 3 (18) and Article 22 (2), first subparagraph) are those substances or mixtures defined within Article 3 of Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances (CLP Regulation) which, as a result of their hazardous properties, mobility, persistence and biodegradability (as well as other characteristics), are capable of contaminating soil or groundwater and are used, produced and/or released by the installation

Hazardous Substances Identified in Stage 1	None
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2.3 Stage Three

Activity – For each relevant hazardous substance brought forward from Stage 2, identify the actual possibility for soil or groundwater contamination at the site of the installation, including the probability of releases and their consequences, and taking particular account of:

- The quantities of each hazardous substance or groups of similar hazardous substances concerned
- How and where hazardous substances are stores, used and to be transported around the installation;
- Where they pose a risk to be released;
- In case of existing installation also the measures that have been adopted to ensure that it is possible in practice that contamination of soil or groundwater takes place, and:

Objectives - To identify which of the relevant hazardous substance represent a potential pollution risk at the site based on the likelihood of releases of such substances occurring. For these substances, information must be included in the baseline report.

Hazardous Substances Identified in Stage 2	None
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3.0 Conclusions

The conclusion on the completion of Stages 1-3 of this baseline screening report is that it is considered that a baseline report is not required, due to;

- The quantities of the hazardous substances used at the site (zero), and,
- The characteristics of the site (greenfield).

As such it has been determined that there is no significant possibility for contamination of soil or groundwater.

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