

## H1 Environmental Risk Assessment

<b>Farm Name:</b> Ailt Farm	<b>Applicant:</b> Edward James
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**Date:**

**Prepared by:** Edward James

The assessment has been prepared after consulting

- Horizontal Guidance Note H1 – Environmental Risk Assessment for Permits and,

The main impacts of the kennels are run off and discharge from excrement and washing of the facility.

The H1 Environmental Risk Assessment framework has been used to assess the kennel activities, based on the following stages:

1. Identify risks
2. Complete risk assessment for these
3. Choose control measures

The assessment is presented in this document based on the risk assessments and management plans for small scale treated trade effluent.

## Trade Effluent Discharge and Management Plan

What do you do that can harm and what could be harmed			Managing the risk		Assessing the risk	
Hazard	Receptor	Pathway	Risk management	Probability of exposure	Consequence	What is the overall risk?
Use of chemicals for cleaning the kennels	Kennel Drainage	The drainage system entering the treatment plant and quality of discharge being released to environment	All chemicals are selected to be environmentally friendly upon discharge. All staff and personally are trained in the correct dosage to be used when administering products.	Unlikely	Damage to the biological treatment system resulting in poor quality discharge to environment	Low
Surface water ingress to the drainage system leading to the treatment plant	Kennel Drainage	The drainage system entering the treatment plant and quality of discharge being released to the environment	Drainage plan included document 2923-04. No possible surface water to enter the system	Not Possible	Effectiveness of the biological treatment plant is affected and high discharge	Low
Discharge from the plant to the dry ditch being poor quality because the plant isn't operating effectively	Dry Ditch	Effluent discharge from the plant	Regular checks of the plant Use of biological cleaning chemicals that won't impact the efficiency of the plant. Drainage plan to ensure no excess ingress to plant drainage system. Staff trained in cleaning materials handling and disposal.	Unlikely.	Local pollution	Low

Discharge from the plant flooding into local water courses?	Dry Ditch	During times of heavy rain, effluent will mix with run-off from the motorway culverts	There are no natural water sources adding additional water into the system, the ditch is able to cope with all rainfall events and as such no flooding is likely to take place	Unlikely	Local pollution	Low

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