

SITE CONDITION REPORT

14 September 2020

SITE CONDITION REPORT

Unit 25 – The Hangar, Causewayhead, Silloth

1.0 SITE DETAILS	
Name of the applicant	Millers Contracting Ltd
Activity address	Hangar 25/26, Causewayhead, Silloth, WIGTON, Cumbria CA7 4PE
National grid reference	NY 13301 53187
Document reference and dates for Site Condition Report at permit application and surrender	We are happy to commence the installation activity 'as is'.
Document references for site plans (including location and boundaries)	Doc 1

Note:

In Part A of the application form you must give us details of the site's location and provide us with a site plan. We need a detailed site plan (or plans) showing:

- Site location, the area covered by the site condition report, and the location and nature of the activities and/or waste facilities on the site.
- Locations of receptors, sources of emissions/releases, and monitoring points.
- Site drainage. - **The site is within the confines of 2 buildings with no treatment or storage outside. Each building is entirely contained with no drains and a solid impermeable floor and roof. They are old WW2 aircraft hangars and are literally 'bomb proof'**
- Site surfacing. **Fully concreted with no pathway to subsurface**

If this information is not shown on the site plan required by Part A of the application form then you should submit the additional plan or plans with this site condition report.

2.0 Condition of the land at permit issue	
Environmental setting including: <ul style="list-style-type: none"> • geology • hydrogeology • surface waters 	The hangar lies in close proximity to the small town of Silloth on the Solway Firth. The terrain is flat and although not investigated in detail, the surface sedimentary geology is derived from coastal estuarine deposits of silt, sand and clay.
Pollution history including: <ul style="list-style-type: none"> • pollution incidents that may have affected land • historical land-uses and associated contaminants • any visual/olfactory evidence of existing contamination • evidence of damage to pollution prevention measures 	Originally The hangars were used as agricultural stores for many years. Formerly known as 'Hornsby's Mill,' they were used for the storage and processing of animal feeds. More recently the hangars have been for activities under permit ref EPR/HP3299VV/V005. These have all been in line with the permit and on full concreted and bunded ground, and undercover of buildings. There have been no issues of pollution, there is no visual evidence of contamination, and soil samples in surrounding fields show no evidence of pollution or raised pte's.
Evidence of historic contamination, for example, historical site investigation,	The hangar was built during the last war as part of a temporary wartime airfield. It was

assessment, remediation and verification reports (where available)	then used as an animal feed mill, and then and as the site is contained within the building complete with concrete floor, risk to surface and groundwaters is minimal.
Baseline soil and groundwater reference data	All activities take place inside the hangars. The hangars were constructed on a base of 4ft of solid concrete, with an arching roof made again of solid concrete. The hangars are fully waterproof, sealed, concreted minimalizing any leaching or pollution risk to the environment. We are comfortable in the opinion that a baseline condition report is not required as all we are proposing to do here is increase throughput of organic fines through the composting process which takes place entirely within the buildings
Supporting information	<ul style="list-style-type: none"> • Doc 3- Soil samples (inc. PTE's) from surrounding fields • Doc 1 - Site plan

3.0 Permitted activities	
Permitted activities	<p>Currently our permit allows for:</p> <p>A1 - HCl waste transfer station with treatment <75,000t (with codes 10 13 13, 10 13 12*, 19 02 03, 19 02 04*)</p> <p>A2 - composting in closed systems (in-vessel composting) <5,000t</p> <p>A3 - blending and mixing of Bypass dusts <16,000t</p> <p>A4 - biological treatment in closed systems (in-vessel composting) of organic fines <20,000t</p> <p>A5 - composting in open windrow systems (treatment of organic fraction of road sweepings) <20,000t</p> <p>Our proposed new activities are</p> <p>A1 - HCl waste transfer station with treatment <75,000t (with codes 10 13 13, 10 13 12*, 19 02 03, 19 02 04*)</p> <p>A2 - composting in closed systems (in-vessel composting) <5,000t</p> <p>A4 - biological treatment in closed systems (in-vessel composting) of organic fines <70,000t</p> <p>A5 - composting in open windrow systems (treatment of organic fraction of road sweepings) <20,000t</p> <p>REMOVED/SURRENDER A3 - blending and mixing of Bypass dusts <16,000t</p>
Non-permitted activities undertaken	n/a
Document references for:	<p>Doc 1- Site Plan</p> <p>Doc 4- Risk assessment is as outlined in 'Generic Risk Assessment for standard rules set number SR2008No3 v3.0.'</p>
<ul style="list-style-type: none"> • plan showing activity layout; and • environmental risk assessment. 	

4.0 Changes to the activity	
Have there been any changes to the activity boundary?	There is no change to the permitted boundary.
Have there been any changes to the permitted activities?	We wish to surrender activity A3 on permit version V005, and increase the annual tonnage allowed under A4 from 20,000t to 70,000t. That is all.
Have any 'dangerous substances' not identified in the Application Site Condition Report been used or produced as a result of the permitted activities?	No
Checklist of supporting information	<ul style="list-style-type: none"> • Doc 2 Non Technical Summary

5.0 Measures taken to protect land	
Checklist of supporting information	<ul style="list-style-type: none"> • Soil results of surrounding fields show no pollution or contamination. • Proven track record of no odour complaints in relation to the composting operation • All treatment operations taking place inside building

6.0 Pollution incidents that may have had an impact on land, and their remediation	
<p>We have not had any pollution incidents during the life of the permit. As materials handled are solid in nature and all treatments occurring within the buildings, there are adequate measures to ensure this doesn't happen in the future too. Under the current activity A5, rod sweepings are stored outside of the rear of hangar 25, again on a solid concrete base that is bunded and connected to an underwater tank should any leachate runoff. I must stress though, that there is no change to this activity under its current guise in V005 and we will adhere to all measures set in place under V005</p>	
Checklist of supporting information	<ul style="list-style-type: none"> • Doc 1- Site plan

7.0 Soil gas and water quality monitoring (where undertaken)

The entire site sits on a concrete slab with all treatment taking place undercover. There are fields surrounding the site however and soil samples have been taken around the perimeter to see if any elevated heavy metals exist. A before and after test would not be controlled as this entirely depends on the farmers fertiliser types, spreading rates, and cropping so samples were taken purely as a measure to see whether elevated, unnatural levels of nutrients/pte's existed that could have come from the site. It has been shown that soils are in fact satisfactory and there is no evidence to suggest the site is causing any migratory pollution to the surrounding agricultural environment.

Checklist of supporting information	<ul style="list-style-type: none">• Doc 3- Soil Results
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In regards to the surrender of activity A3, there is no change to the site boundary or infrastructure. It was simply just having permission to blend 2 wastes together inside the transfer station. As mentioned, this activity didn't even take place so there has been no possible chance of contamination or negative effects relating to this exercise.