

PC/6485/01

19 July 2021

Mr S Holding
Freeland Horticulture
Wroot Road
Finningley
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DN9 3DU

Dear Steve

Decomposting Aprons, Freeland Horticulture, Finningley

Further to instructions I visited the above site on 13th July 2021 to inspect the structural condition of the concrete bunds, slab and holding tank to the above.

The site was being used for the processing and storage of green material and therefore 25% of the bunds and 60% of the slab could not be inspected. However the sections of bunds and slabs that were inspected were generally in areas of the heaviest use and therefore the inspection was sufficient to assess the overall structural condition of the aprons.

The bunds have suffered from repeated impact in some areas and where the damage has been severe they have been replaced or reinforced to ensure watertightness. There is one section of bund on the eastern side of the bottom apron that has been recently damaged and this section will require repair.

In some areas of the bottom apron the slabs have been subject to considerable abrasion from the plant. This has now exposed the top layer of mesh reinforcement. In addition there has been some surface shrinkage cracking particularly on the top apron and there has been some loss of sealant at joints. Various isolated repairs have been undertaken, the concrete is still intact and the structural integrity of the slab has not been affected. The joints will have sealed with debris from the material being processed. Therefore the slab is still able to prevent any leaching of contaminants into the soil, as evidenced by the amount of standing water retained on the slab by material near the holding tank. The slab was constructed twelve years ago and the reinforcement has only become exposed in the last year. It is proposed to re-survey the aprons in five years time and, based on a similar rate of deterioration, there will not be any significant loss in structural integrity of the slab during that period and remedial work will not be required. At the time of the next survey an assessment of whether more significant concrete replacement is required can be made.

The holding tanks were near capacity and there is no evidence of any structural deterioration.

Based on the above the aprons are structurally suitable for the depositing and storage of green waste material as well as being structurally suitable for the equipment used to transfer and process the material.

My appointment is in accordance with the ACE Short Form Agreement, 2002.

Please contact me if you have any queries.

Yours sincerely



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