

Ref: DAS0001 – Test Yard Cess Tank

Dear Sir/Madam

Subject: Design and Access Statement

On the Caterpillar BCP Desford site, we have a requirement to install a new cess tank within the test yard to improve the facilities for the test engineers and visitors.

The cess tank is Ø1425mm x 3775mm long, with a Ø600mm x 500mm top section for access to empty the tank. It is designed to hold 4,800l of foul effluent waste. The connection to the tank will be Ø110mm for the waste into the tank. The tank will be constructed out of fibreglass and will be situated on a 4175mm x 1825mm x 75mm deep concrete base for anchoring. The total height of the concrete and the tank will be 1975mm including the chamber lid.

The ground where the chamber is located is currently at an elevation of 2m above the surrounding area. This will be excavated down to the same ground level, and then the tank will be installed in this location. The excavated ground will then be returned to the area and the sides will be shored up ensuring that the embankment will remain in place. This area will also have a barrier formed around, to ensure that visual aids are provided to show that this area should not be excavated or altered by any machines.

The area can be accessed via vehicles and pedestrians with appropriate notice and escorts from the engineers, due to the nature of the test yard. Access to the chamber lid will be from the walkway around the Eastern border of the test yard, and vehicles can drive up to the location of the tank for maintenance and clearing.

The site will be in operation from 7am to 7pm.

Yours Sincerely

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