

**Surface Water Drainage Strategy – Soakaways**

**Cottam House Farm, Cottam, Driffield**

**Date of Test – 15/11/2023**

	<b>1m</b>	<b>0.75m</b>	<b>0.5m</b>	<b>0.25m</b>	<b>0</b>
<b>Test 1</b>					<b>12 mins</b>
<b>Test 2</b>					<b>12 mins</b>
<b>Test 3</b>					<b>12 mins</b>

The underlying geology on the site is free draining chalk. A hole measuring 2m x 0.5m x 1m deep was excavated on the site. 1m<sup>3</sup> of water was discharged into the hole 3 times using an IBC.

It took 12 minutes for the IBC to empty into the hole. The infiltration rate was rapid and limited by the speed in which the water could be delivered into the hole.

After 12 minutes, the test hole was completely empty.