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ENVIRONMENTAL
CONSULTANTS



Pebble Hall, Northamptonshire.
Small extension & change of use for Thermophilic Aerobic Digestion (TAD) Facility.

Client: Welland Waste Management.

Pebble Hall is an agriculturally based operation on a rural site with excellent strategic highway access. The site has been the subject of farm diversification, mainly as a result of the BSE crisis. The existing Pebble Hall complex has been processing green waste composting since 2003 and in 2009 Welland Waste Management added wood waste processing to the site. The food waste used within the TAD process would produce fertiliser granules for agricultural use and renewable energy would be generated from the residual bio-oil.

The planning history at Pebble Hall is a complex one given the various diversification projects on the farm. During the TAD project, two versions of a planning application were submitted and withdrawn following Northamptonshire County Council advice. Changes were made and a second submission was withdrawn and finally the third submission was made in October

Following advice given by Northamptonshire County Council Planning Officers, alterations were made and two submissions withdrawn. Two of the main challenges were the potential noise of the generators and odour emissions made by biofilters. These were addressed with acoustic enclosures and internal cladding of the existing building and extension and additional tertiary odour control scrubbers on the biofilters.

Permission was granted on the site in late 2014 and building is currently taking place.

