

16th February 2008

Installation of HotRot 1811 at East Midland Zoological Society, Twycross Zoo

Twycross Zoo produces nearly 800 tonnes of waste from its animal department each year. This material is a mixture of straw, faeces, shredded paper, sawdust and cardboard. Previously this waste was being sent to landfill at great expense to the company and to the environment.

To tackle this problem we looked at several different options from biogas plants to anaerobic digestion and composting. On discovery of the HotRot systems and initial discussions with the HotRot team it was easy to see that composting was going to be the most cost, time and space effective way to solve our problem.

As we are a public site there were a number of concerns we had mostly regarding smell. To accommodate our needs HotRot built in a bio-filter to screen the air coming off the composter – the result is zero smell.

The HotRot team were very helpful from the word go with advice on planning application, Environmental Agency legislation and project development. Now that the machine is installed we know they are only a phone call away with advice and support should we need it. Generally though we do not, the system works very well by itself with minimal intervention from one of our members of staff. Simply load it up at the beginning of the day and off it goes.

The quality of the product coming out of the machine is excellent and we hope to achieve our PAS100 accreditation over the next few months.

This has turned out to be the ideal solution for us providing us with massive savings, an improvement in our environment credentials and a usable product at the end. I would recommend HotRot and their systems to anyone producing a large amount of organic, compostable waste in the UK.



Claire Pipe
Conservation Officer
Twycross Zoo