



## Environmental Objectives

Environmental objectives were set after identifying elements of the organisation's activities, products or services that can interact with the environment. Elements of the environment considered were Human Beings, Landscape, Flora, Climate, Fauna, Air, Soil and Water. Identifying environmental aspects and their impact ensures that they are addressed when environmental objectives are set.

**A summary of Aunt Bessie's objectives are as follows: -**

- To implement energy efficiency schemes
- To use external expertise and our in-house energy forum, to act upon selected initiatives
- Ensure that only trained operatives carry out pest control operations
- Any pest control chemicals to be changed to water based types whenever possible
- Segregate and recycle all cardboard/paper and polythene from the general waste stream
- Do everything possible to avoid making the waste in the first place
- Recover and reuse materials in their existing state. If materials cannot be reused, look to recycle for use in other processes
- If none of the above is possible, we will look for a safe way to dispose of the material
- We will get raw material and cleaning chemical suppliers to collect empty containers for reuse whenever possible
- Consideration will be given to the design and installation of all future plants
- Domestic freezers are to be recycled via our local authority
- Aunt Bessie's Limited will look at ways to reduce the movement of goods
- Driver training to take place for relevant personnel. Our aim is to reduce fuel consumption by up to 20%
- To reduce the noise impact on the local community by lagging or masking noise sources e.g. the use of inverters to slow down motors
- To always use leak proof equipment and welded construction wherever possible
- Always keep drains well maintained
- Ensure we receive regular waste collections
- Keep trade effluent strengths to a minimum by GMP. Use drainage traps and interceptors
- Ensure all chemicals used are transported and stored in line with COSHH principles
- Control measures and systems for dosing will be in place
- Protect sensitive drains from potential chemical or raw material spillage
- To raise staff awareness concerning water conservation
- To repair leaks in a timely fashion
- To monitor energy, waste and water usages

**Climate Change Levy Year 10 Performance for period October 2008 to September 2009  
(not a milestone year)**

**Performance**

Milestone Target	1,626.14 kWh/tonne
Performance achieved	1,684.69 kWh/tonne
Credit result	FAIL
CO2 generated by over performance	264 tonnes CO <sub>2</sub>

**Summary of Production and Primary Energy Data**

Reporting Period	Primary SEC(kWh/tonne)	Net Carbon (kgC/tonne)	Specific Carbon(kgC/tonne)
Base Year	1,952.4	1,106,799	92.7
1999	1,843.8	1,093,356	87.49
CCL year 1 (1 <sup>st</sup> milestone year)	1,884.8	1,117,637	90.11
CCL year 2	1,754.6	1,040,589	83.45
CCL year 3	1,773.5	1,252,334	84.5
CCL year 4	1,720.5	1,701,622	81.91
CCL year 5 (2 <sup>nd</sup> milestone year)	1,569.4	2,140,062	75.14
CCL year 6	1,695.5	2,100,406	81.0
CCL year 7 (3 <sup>rd</sup> milestone year)	1,691.5	2,042,850	80.17
CCL year 8	1,648.6	2,335,573	78.47
CCL year 9	1,625.1	2,216,595	77.19
CCL year 10	1,684.7	2,068,921	79.76
5th Milestone period is Oct 09 to Sep 10. The target is 1701.53 kWh/tonne.			

**Trade Effluent**

The table below shows COD (Chemical Oxygen Demand) and Settleable Solids levels found in spot samples of our Trade Effluent by Yorkshire Water during 2009. Our Trade Effluent Consent levels are: -COD 10,000 mg/l Settleable Solids 4,000 mg/l. Our Target is to keep below our Trade effluent consent levels 100% of the time.

Date	24.01.09	11.06.09	14.07.09	18.08.09	13.08.09	29.09.09	22.10.09	29.10.09	12.11.09
COD	2320	2710	2070	1720	1570	234	2310	4010	1490
Settleable Solids	1037	293	298	254	142	52	356	474	233

**Waste Reduction Performance and Recycling**

The tables below show the levels of waste produced per tonne of finished goods during 2009 and the amount of material sent for recycling.

Waste		Recycling	
Material	Waste per tonne of finished product	Material	Recycled Volume
Landfill waste	0.024 tonnes	Cardboard/paper	204 tonnes
Category 3 ABP waste	0.018 tonnes	Scrap metal	25 tonnes
Food waste	0.024 tonnes	Plastic	24 tonnes
		Fluorescent lighting tubes	600 units