

APPENDIX 1

Property:

Target to reduce Carbon Emissions from non-school properties by 10% by 2010

(Due to issues with a TEAM upgrade, the baseline year has been set as 2005-06.)

	CO2 Emissions (tonnes)	% Change from 2005-06	No. of Properties	% Increase in Properties from 2005-06	Emissions if same No. of Properties as 2005-06	% Change from 2005-06 if same No. of Properties
2005-2006						
Non-Schools	4,704	-	103	-	-	-
Schools	17,140	-	233	-	-	-
Total	21,844	-	336	-	-	-
2006-2007						
Non-Schools	4,250	-9.66%	99	-3.88%	4,421	-6.01%
Schools	15,486	-9.65%	228	-2.15%	15,826	-7.67%
Total	19,736	-9.65%	327	-2.68%	20,247	-7.16%

From the figures above it can be seen setting the baseline at 2005-06 there are overall savings of 6.01% for non-school properties and 7.67% for schools. A good step towards a 10% reduction in emissions by 2010.

Highway Depot Fuel:

Target to reduce Carbon Emissions from Fuel by 15% by 2010

	2004-05	2005-06	2006-07
	Litres	Litres	Litres
Diesel	486,723	431,109	514,853
Gas Oil	79,513	80,438	54,109
	CO ₂ Tonne	CO ₂ Tonne	CO ₂ Tonne
Diesel	1,304	1,155	1,379
Gas Oil	213	215	145
Total CO₂ per year	1,517	1,370	1,524

Figures show that carbon emissions have remained fairly constant. Carbon figures do not include any adjustment for carbon reduction from very small proportion of biodiesel currently purchased.

Business Mileage:

Target to reduce Carbon Emissions from Business mileage by 10% by 2010

	2004-05	2006-07	Difference	% Difference
Miles	5,493,000	5,116,000	377,000	6.9% reduction
CO ₂ tonne	1,680	1,564	1,160	6.9% reduction
FTE	7,746	8,029	283	3.7% increase

Figures show that despite the fact that staffing levels have increased carbon emissions from business mileage have gone down by 6.9% (conversion factor of 0.19kg CO₂ per km)