

Activity	Service Area Data supplier	2003/04	2004/05	2005/06	2006/07	2007/08 comparable	2007/08 full
	Carbon figures included in overall total	Carbon figures not included in total - see notes column					
Smallholdings						7278333	7278333
Major closed landfill sites	Environment BC al Health						
Leominster	BC	9,325,000	8,466,000	7,792,000	7,117,000	6,503,000	6,503,000
Strangford	BC	2,393,000	2,270,000	2,147,000	2,025,000	1,902,000	1,902,000
Stretton Sugwas	BC	20,491,000	18,528,000	16,749,000	15,031,000	13,497,000	13,497,000
<b>Landfill subtotal</b>		<b>32,209,000</b>	<b>29,264,000</b>	<b>26,688,000</b>	<b>24,173,000</b>	<b>21,902,000</b>	<b>21,902,000</b>
Social Care transport (in-house)	Prevention Services	56,788	51,099	49,051	48,080	49,927	49,927
Education transport	AB					2,098,853	2,098,853
HC Business mileage	BB	1004805	970681	791428	771256	790,360	790,360
HC Rail warrants		9688	11792	10576	11039	11039	11039
<b>Transport subtotal</b>		<b>1,071,281</b>	<b>1,033,572</b>	<b>851,055</b>	<b>830,375</b>	<b>851,326</b>	<b>2,950,179</b>
Stationary sources							
Street lighting						2,011,538	2,011,538



Cost	Carbon factor applied	Notes
Figures prepared by consultants.	<p>Carbon footprint for tenanted agricultural land owned by the council including energy &amp; fuel, methane from livestock and nitrous oxides. Not included in NI185 or CMAP.</p> <p>LA has a responsibility for these sites though it does not manage them all. For the purposes of assessing the potential scale of emissions from the site, it has been assumed that the waste inputs comprised 70% domestic waste, 20% commercial waste and 10% inert waste.</p> <p>Methane has a Global Warming Potential (GWP) which is 21 times that of carbon dioxide</p>	
		<p>Flare installed in early 2008 should reduce methane emissions.</p> <p>Included in 2005 CMAP but not included in NI185. Excluded from total as figures are reducing as a result of natural decay only.</p>
	Miles x 1.609 (miles/kms) x 0.27 CO2 Factor (medium diesel van)	In-house mileage in diesel minibuses
	Litres x 2.63 (diesel/litre)	Figure not included in total because only one year's data
	Miles x 1.609 (miles/kms) x 0.21 Average petrol car (av diesel car is 0.2)	
0.06 per passenger km		<p>Assuming round trips, half to London &amp; half to Birmingham: trips (row 16) x 200 miles x 1.609 x 0.06</p> <p>Underestimate: does not include contracted out transport eg social care and contractors</p>
c £250,000		<p>Street lighting is included in NI 185. Not included in this total because inventory only updated this year. Street lighting energy use is calculated as an Unmetered supply (estimated rather than read) because of the dispersed pattern of the c.11983 lights, 977 Signs, 373 Bollards and 260 Traffic Light Heads = Total 13593 units. Price of supply per unit expected to increase to over 10p when contract is relet in 2009.</p>

Standard grid factors used: electricity, 0.523 and gas 0.185

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0.523 electricity. Gas: x0.185

Data produced by WMS and analysed by EDS. Full assumptions on separate worksheet in this file. 100% Renewable energy purchased between Nov 03 & Nov 07

Calendar year figures supplied by WMS: see also Property assumptions tab

Consumption data provided by Chris Preedy of Scottish & Newcastle. Gas x0.313 to convert from cubic feet to kwh (Digest of UK Energy Stats 2003)

2007/08 full column remains an underestimate: does not include social care contracted transport or emissions from vehicles owned by council or contractors

% in relation to cell F33 as 100%

Reductions in emissions from measures taken by households. Not included in NI185 or CMAP 2005.

0

**Cost**

**Carbon factor applied**

**Notes**

Last update 11/08/08 TM Sustainability Unit