

**Public consultation
on proposals for
changes to Cumbria's
household waste
recycling centres**

**Information
Pack**



Public consultation on proposals for changes to Cumbria's household waste recycling centres

Further background information

This document provides background information that has helped the development of the proposals that the county council is currently consulting on. It should be read in conjunction with the main consultation document.

It includes:

1. Legal and historical issues related to HWRC provision
2. Comment on the quality of the various sites
3. Further information on how HWRCs are currently used
4. Comment on the new HWRC at Lillyhall
5. A map of current HRWCs and when they are open
6. An overview of the HWRC network in terms of usage and costs
7. Individual profiles for all 14 current HRWC sites

If you would have further questions about the proposals please contact email yoursay@cumbria.gov.uk

1. Legal and historical issues related to HWRC provision

Cumbria County Council runs 14 HWRCs across the county. Through these sites the council discharges its duty under the Environmental Protection Act (EPA) 1990 to make available to its residents places where they can dispose of their household waste free at the point of use. There is no legally prescribed level of provision therefore it is a matter for local judgement and decision making.

Shanks Cumbria Ltd and the county council entered a 25 year contract in June 2009 for the provision of waste services, including HWRC management. Shanks have sub contracted the management of HWRCs to Cumbria Waste Management, the council's wholly owned subsidiary company, for the first five years of the Shanks contract

The number and location of HWRCs in Cumbria is based largely around a variety of historical factors. Many of the sites were opened in the 1970s and, to an extent, were located where they are for the council's convenience; either being in the vicinity of former landfill sites to allow the quick disposal of rubbish to landfill or the site of former council depots. Many of the HWRCs remain open today while the adjacent landfills have been closed and the sites restored.

2. Comment on the quality of the various sites

Some of the HWRCs are well located, fit for purpose and provide “state of the art” levels of provision for those residents who use them, others are not. The sites also vary in performance, size, usage and waste throughput. From analysis, certain HWRCs emerge as being comparatively less cost effective, despite all being well run and well regarded by users.

Some sites are very small, not able to be expanded and difficult to improve. They would require significant levels of investment to bring up to an acceptable and appropriate modern standard.

Beyond the up-grading described above, more significant re-development is needed at certain sites to address defects intrinsic to site location or design, for example subsidence, traffic congestion (presenting health and safety issues) and poor access to recycling facilities. Section 7 provides a commentary on each site with an assessment of performance and redevelopment costs where applicable.

3. Further information on how HWRCs are currently used

The nature of HWRCs has changed substantially since their establishment. Today they are mainly used to recycle as opposed to disposing of general waste. The public attitude to waste has changed dramatically in recent years. Through successful public awareness campaigns and infrastructure improvements, total waste arisings has been reduced by 25% and recycling has increased from 29% to 46% since 2005.

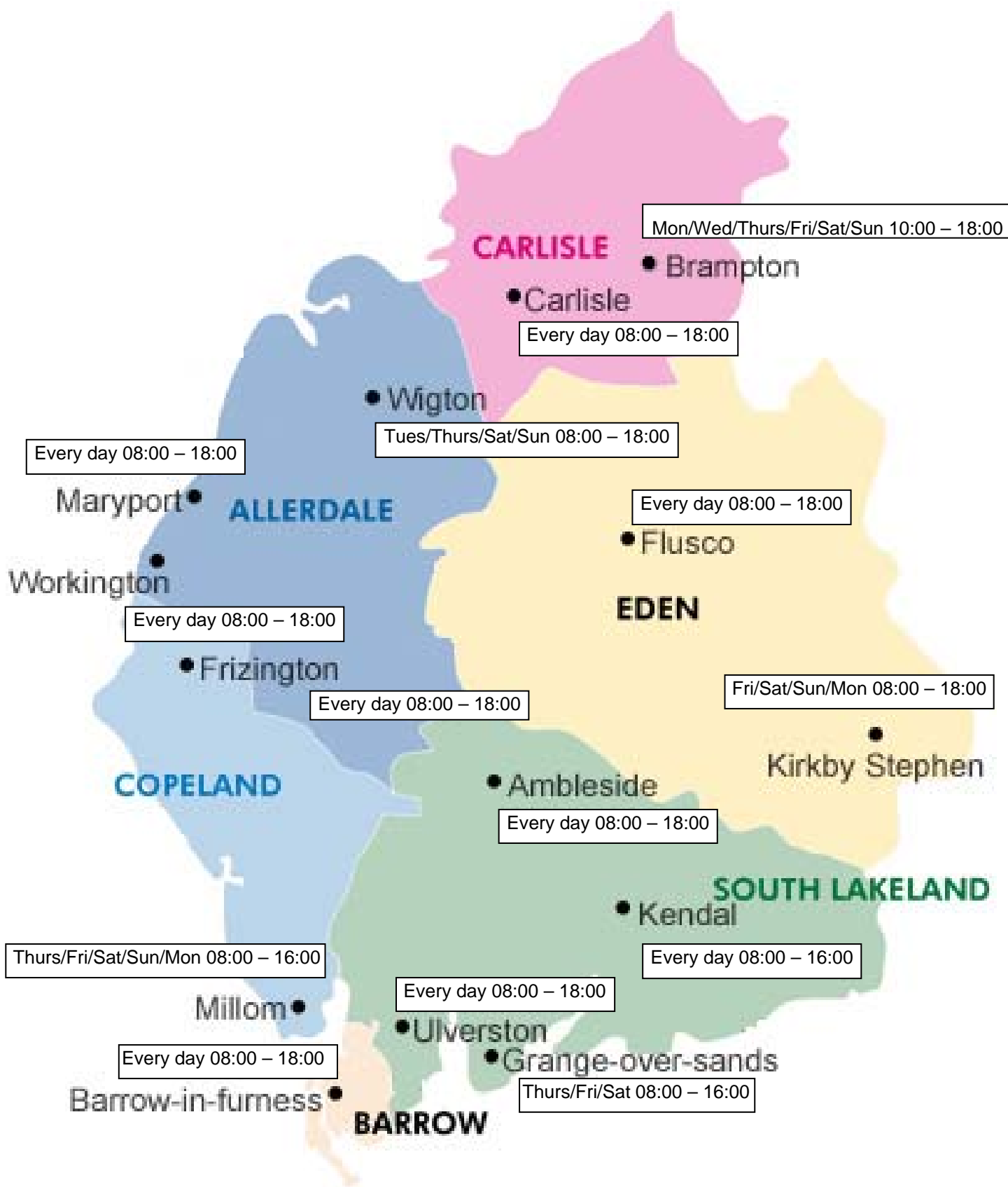
Cumbria's waste collection authorities provide a very high standard of kerbside collection services, bring sites (recycling facilities such as bottle banks in supermarket car parks) and also provide bulky waste collection services. Many work in partnership with the 3rd sector in re-use schemes such as the British Heart Foundation and Impact Furniture Services providing free collections of furniture and electrical items. Householders are encouraged to use these services as the first point for managing waste and recycling. HWRCs are not intended for use on a frequent basis and should be required on an occasional basis when materials or bulky items are requiring disposal that cannot be managed through kerbside (alternative) collection services.

Householders therefore should not normally require access to HWRCs other than on an infrequent and occasional basis, which may mean just a few times a year or less.

4. New HWRC site in West Cumbria

At the council's Cabinet meeting on 28 April 2011 it was agreed that the existing household waste recycling centres at Frizington and Workington would be replaced by one centrally located HWRC, at Lillyhall. The council aims to have this site operational by 2013.

5. Map of current HWRCs including opening times



6. Overview of HWRC network

Chart 1: HWRC Annual Usage per site:

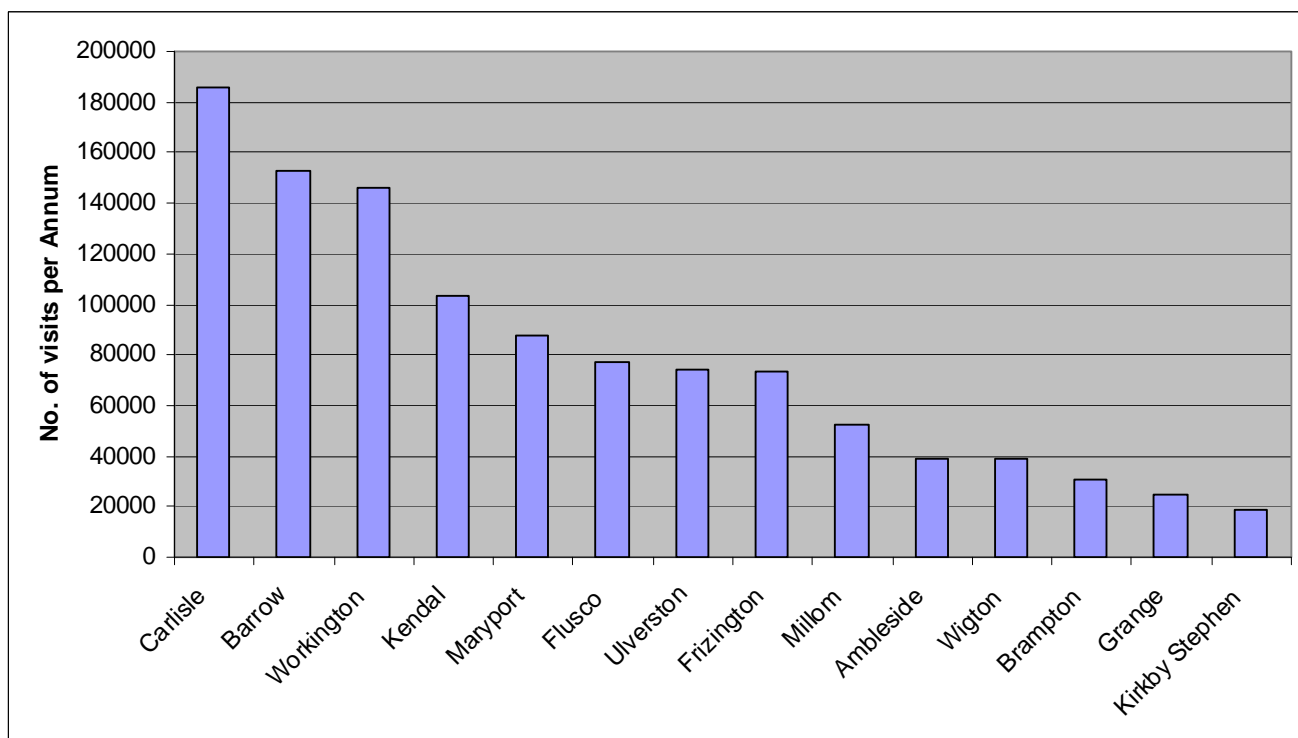


Chart 2: Total Tonnage throughput per site across network:

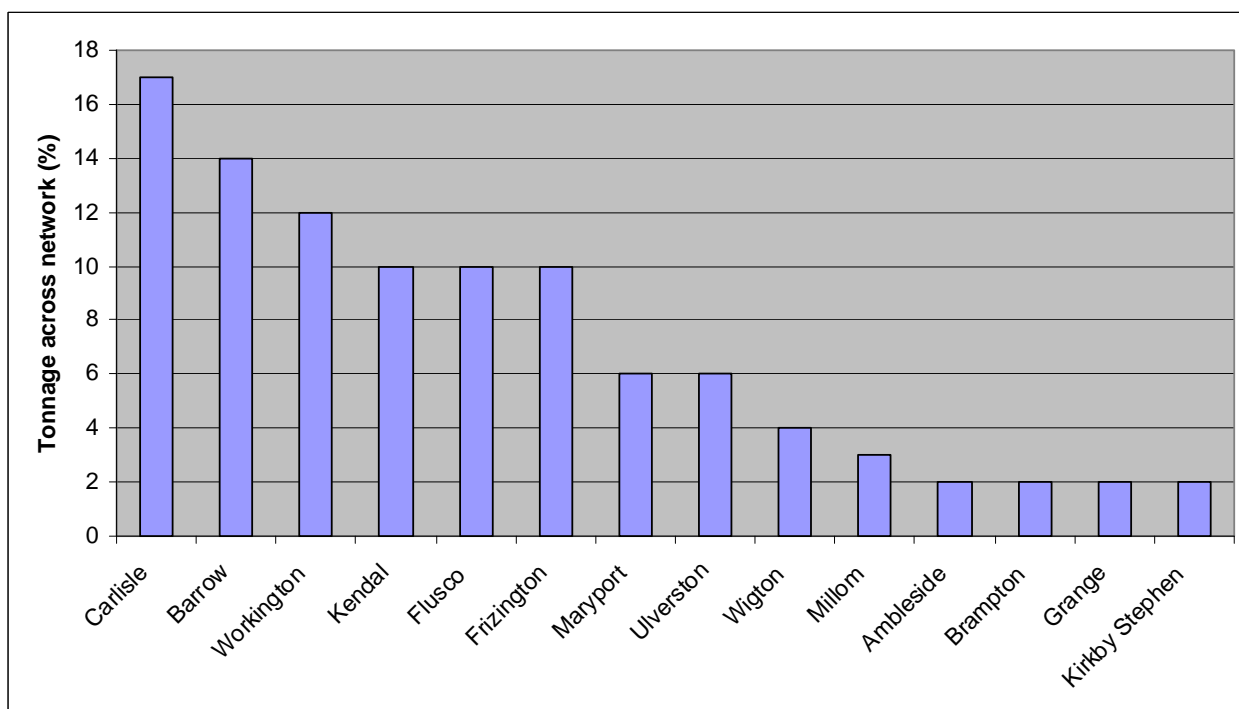


Chart 3: HWRC cost per visit:

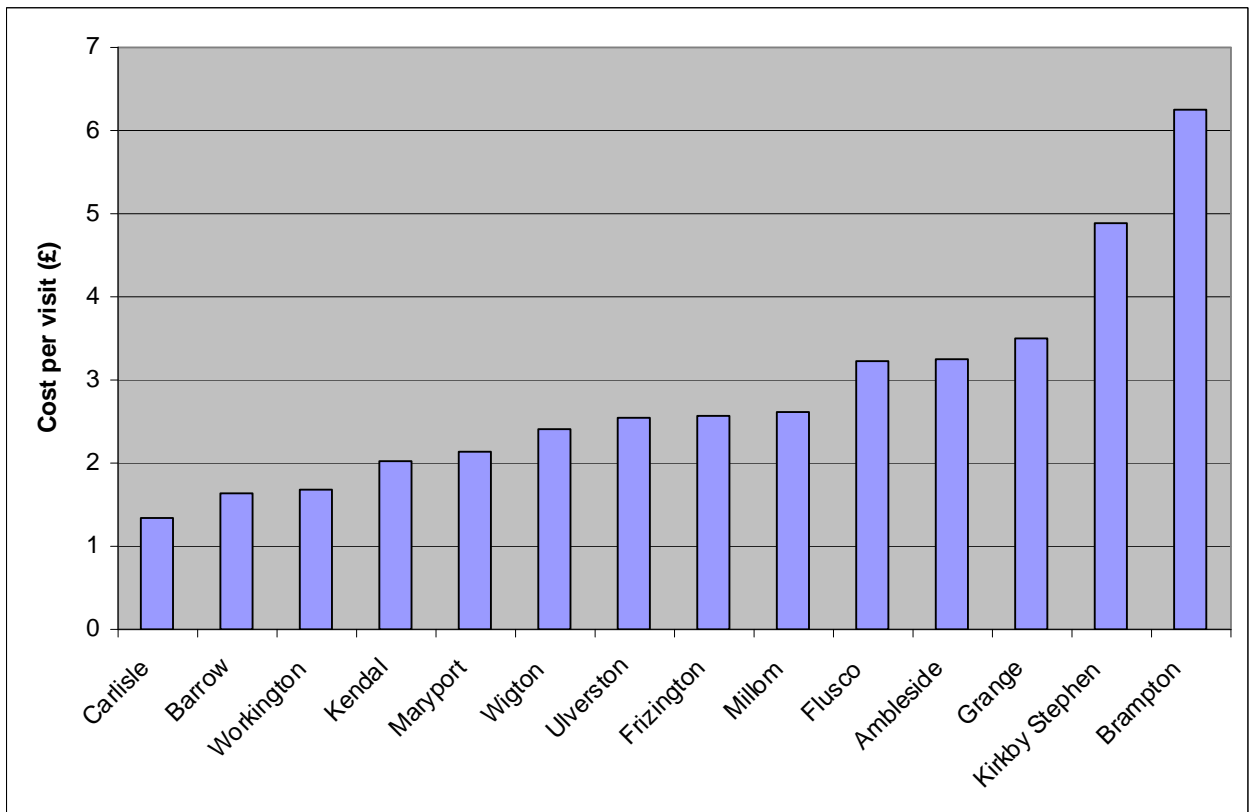


Chart 4: Average Hourly Site Usage across the Network:

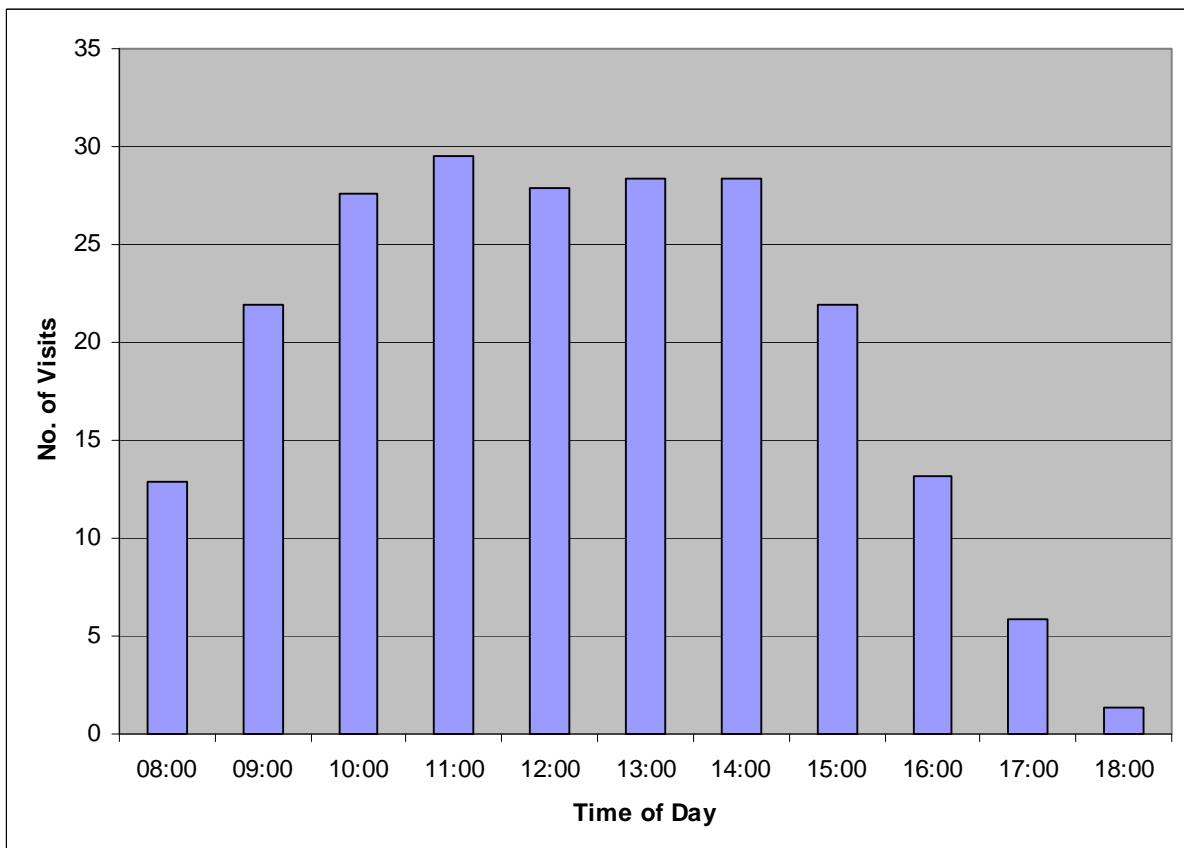


Chart 5: Reduced hours breakdown:

Time	Visits	Percentage	1 hr reduction	2 hr reduction	3 hr reduction
<u>8</u>	<u>12.9</u>	<u>5.9</u>	99.4% of visits take place	96.9% of visits take place	91% of visits take place
<u>9</u>	<u>21.9</u>	<u>10</u>			
<u>10</u>	<u>27.6</u>	<u>12.6</u>			
<u>11</u>	<u>29.5</u>	<u>13.5</u>			
<u>12</u>	<u>27.9</u>	<u>12.7</u>			
<u>13</u>	<u>28.4</u>	<u>13</u>			
<u>14</u>	<u>28.4</u>	<u>13</u>			
<u>15</u>	<u>21.9</u>	<u>10</u>			
<u>16</u>	<u>13.2</u>	<u>6</u>			
<u>17</u>	<u>5.9</u>	<u>2.7</u>			
<u>18</u>	<u>1.3</u>	<u>0.6</u>			
Total	218.9	100			

Chart 6: Average no. of visits across network 2010

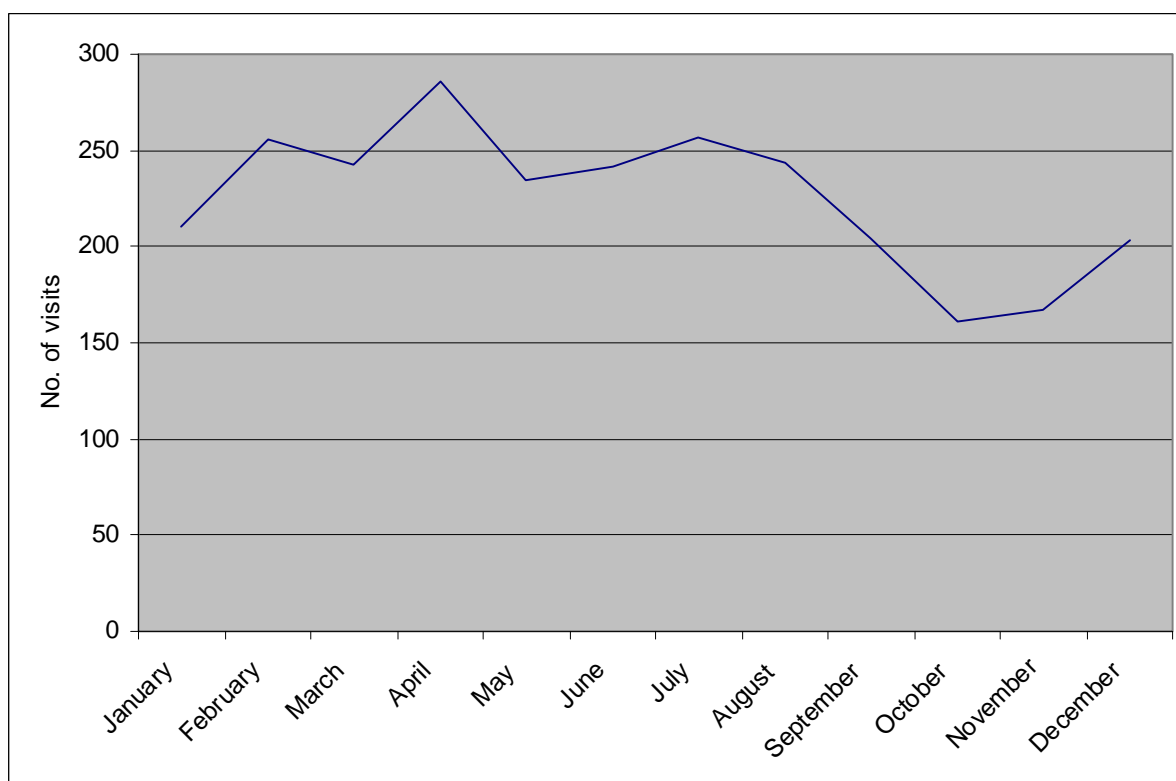


Chart 7: Peer Group Comparison:

Rural Authority Comparison by Population			
Local Authority	No. of HWRC	Population	HWRC per 100,000 population
Durham*	15*	493,500	3.04
Cumbria	14	495,200	2.83
Devon	20	749,900	2.67
Cornwall	12	535,300	2.24
Norfolk	19	862,300	2.2
Cheshire	7	700,000	1
Lancashire*	15	1,400,000	1

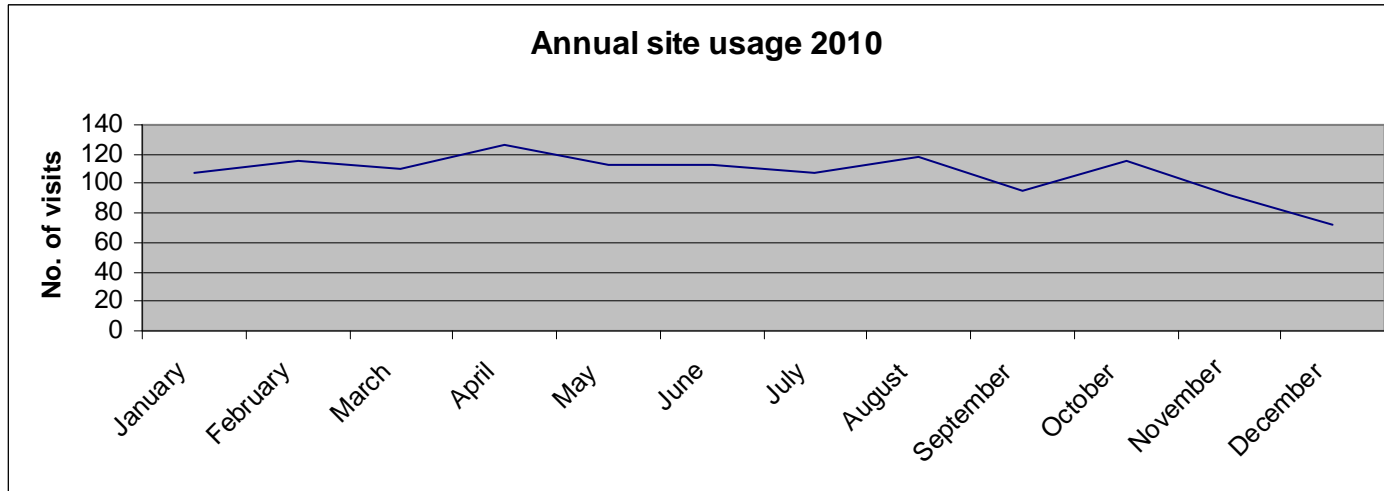
* Currently consulting on site closures

Chart 8: Summary of HWRC Waste & Recycling Tonnages

Location	% of Cumbria's population within 5 miles of site		Total tonnage handled		Recycled and composted tonnage	
	Pop.	%	Tonnes	%	Tonnes	Rate %
Carlisle	86,704	21	8,509	17	3,559	57
Barrow	70,488	17	7,051	14	2,852	57
Workington	34,477	8	5,725	12	1,991	45
Penrith (Flusco)	29,392	7	4,782	10	2,280	63
Kendal	33,856	8	4,758	10	2,157	63
Frizington	51,490	12	4,733	10	1,834	52
Maryport	29,515	7	3,123	6	1,156	50
Ulverston	15,418	4	3,033	6	1,193	56
Wigton	11,257	3	1,753	4	710	59
Millom	10,280	2	1,461	3	525	51
Grange	9,632	2	1,218	2	545	59
Ambleside	15,126	4	1,162	2	508	54
Brampton	10,713	3	1,153	2	595	68
Kirkby Stephen	4,991	1	886	2	387	55
TOTAL	413,339		49,347		20,292	

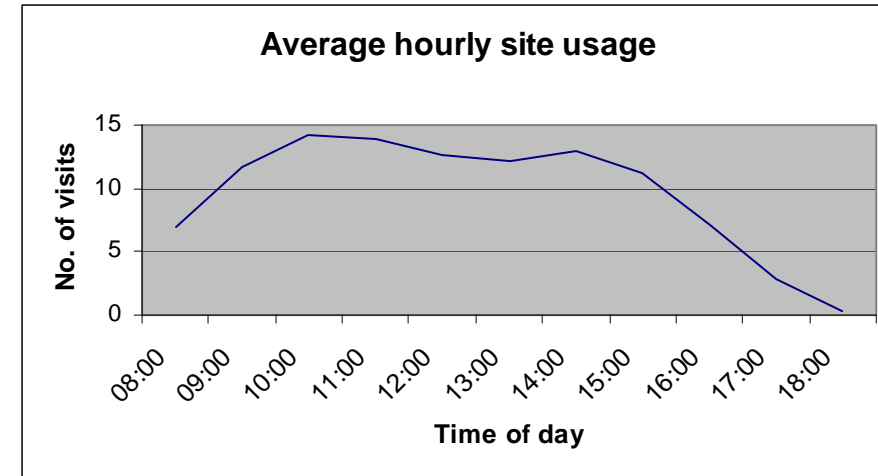
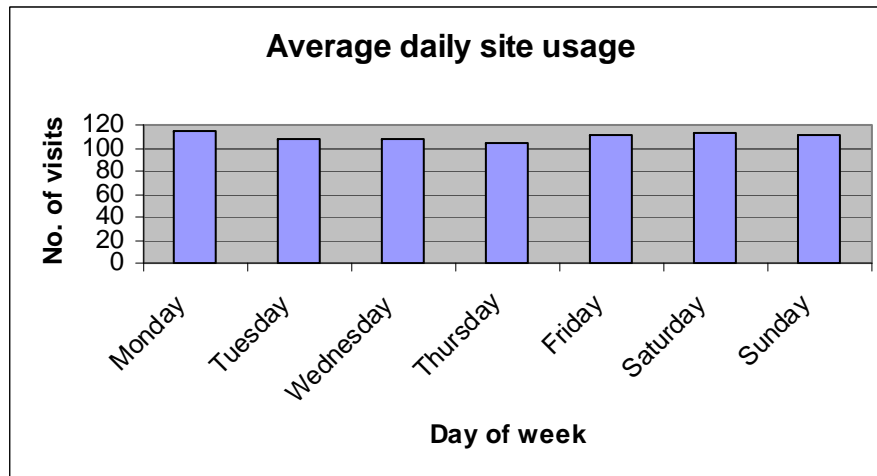
7. HWRC site profiles

Ambleside



Time	Visits	Percentage
08:00	6.9	6.5
09:00	11.7	11.1
10:00	14.2	13.4
11:00	13.9	13.1
12:00	12.7	12
13:00	12.1	11.4
14:00	13	12.3
15:00	11.2	10.6
16:00	7.1	6.7
17:00	2.8	2.6
18:00	0.3	0.3
Total:	105.9	100

90.6% of visits take place



Key Facts:

Site Type: Satellite site

Usage: Very low usage rate, approx 39,000 visits per annum

Materials acceptance: Low/Medium range

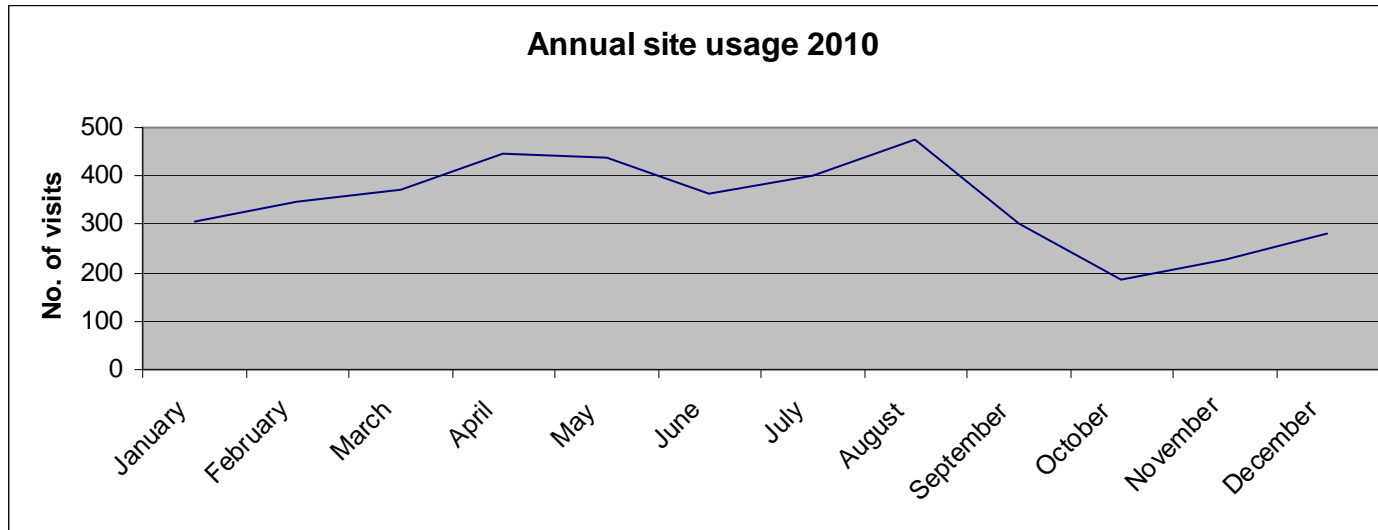
Site performance: Medium recycling rate 54%, very low tonnage throughput 2% of total network

Population within 5 miles: 15,126 4%

Value for money: Above average cost per visit, £3.24 per visit

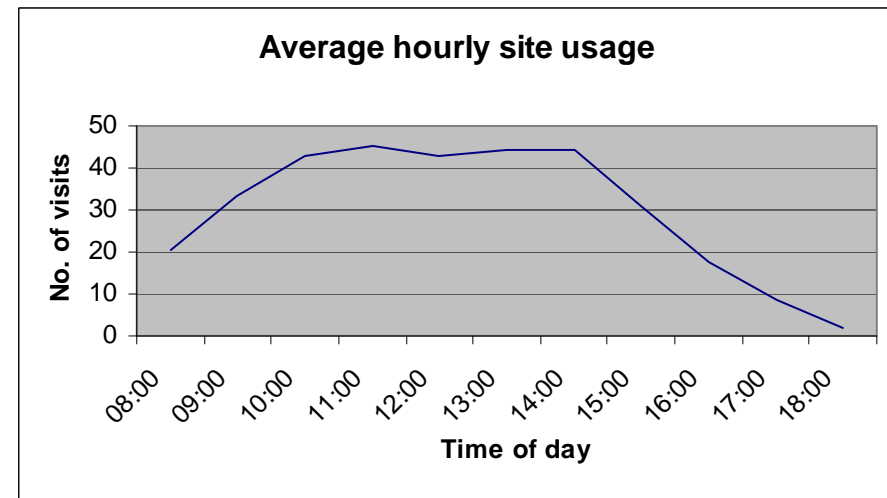
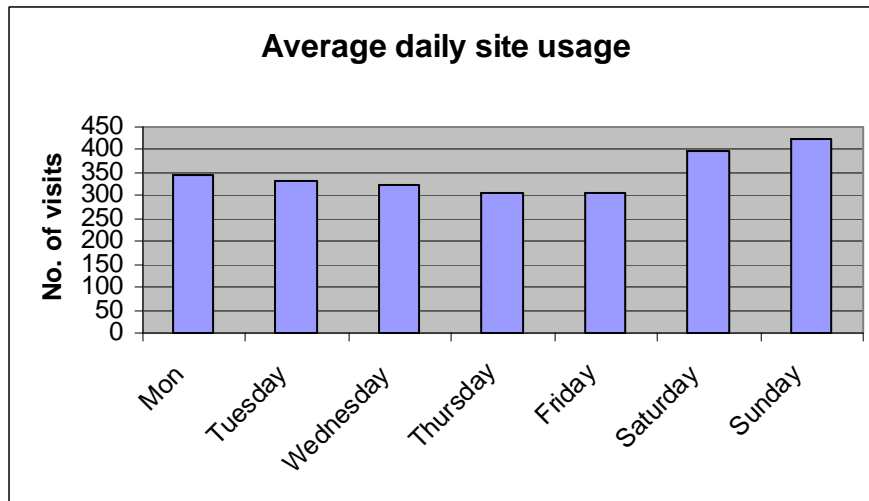
Opening times: Everyday 08.00 – 18.00

Barrow



Time	Visits	Percentage
08:00	20.3	6.09
09:00	33.5	10.06
10:00	42.8	12.86
11:00	45.4	13.64
12:00	42.8	12.87
13:00	44.4	13.34
14:00	44.5	13.37
15:00	31.1	9.35
16:00	17.8	5.35
17:00	8.4	2.52
18:00	1.8	0.55
Total:	332.8	100

90.8% of visits take place



Key Facts:

Site Type: Principal site

Usage: High usage rate in network, estimated 150,000 visits per annum

Materials acceptance: High range

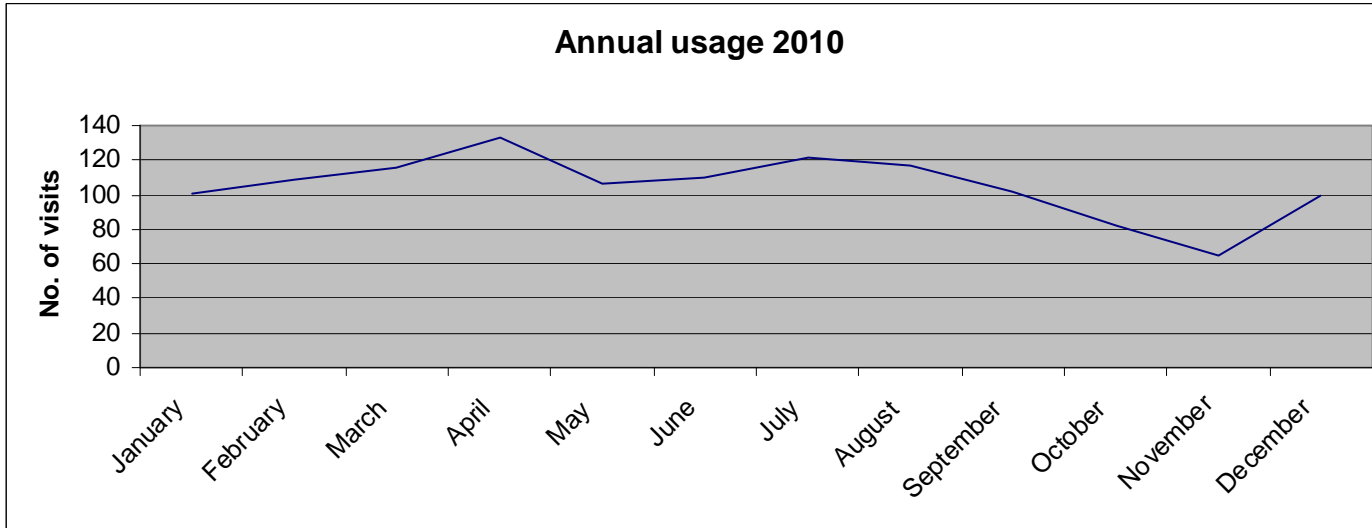
Site performance: High recycling rate 57%, 2nd highest tonnage throughput 14% of total network

Population within 5 miles: 70,488 17%

Value for money: Low estimated cost per visit, £1.63 per visit

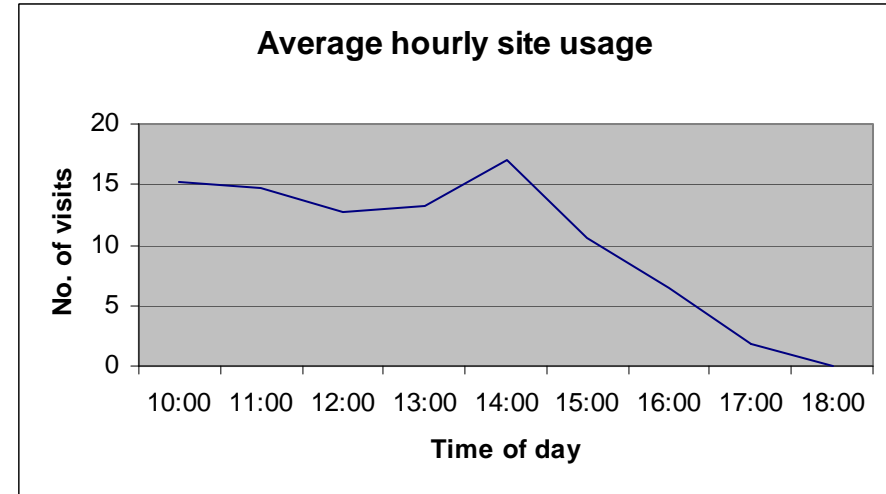
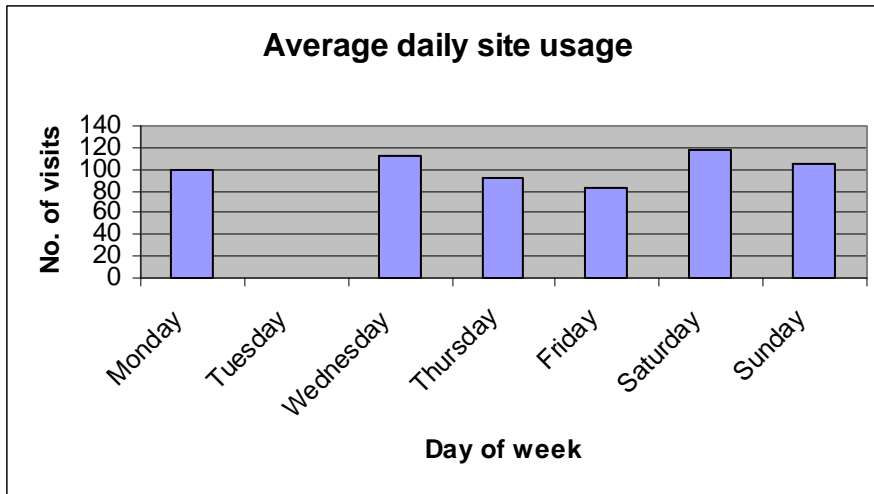
Opening times: Everyday 08.00 – 18.00

Brampton



Time	Visits	Percentage
09:00	0	0
10:00	15.2	16.6
11:00	14.7	16
12:00	12.7	13.9
13:00	13.2	14.4
14:00	17.1	18.7
15:00	10.5	11.6
16:00	6.4	6.9
17:00	1.8	1.9
18:00	0	0
Total:	91.6	100

98.1% of visits take place



Key Facts:

Site Type: Satellite site

Usage: Among lowest usage rate in network, approx 30,000 visits per annum

Materials acceptance: High range

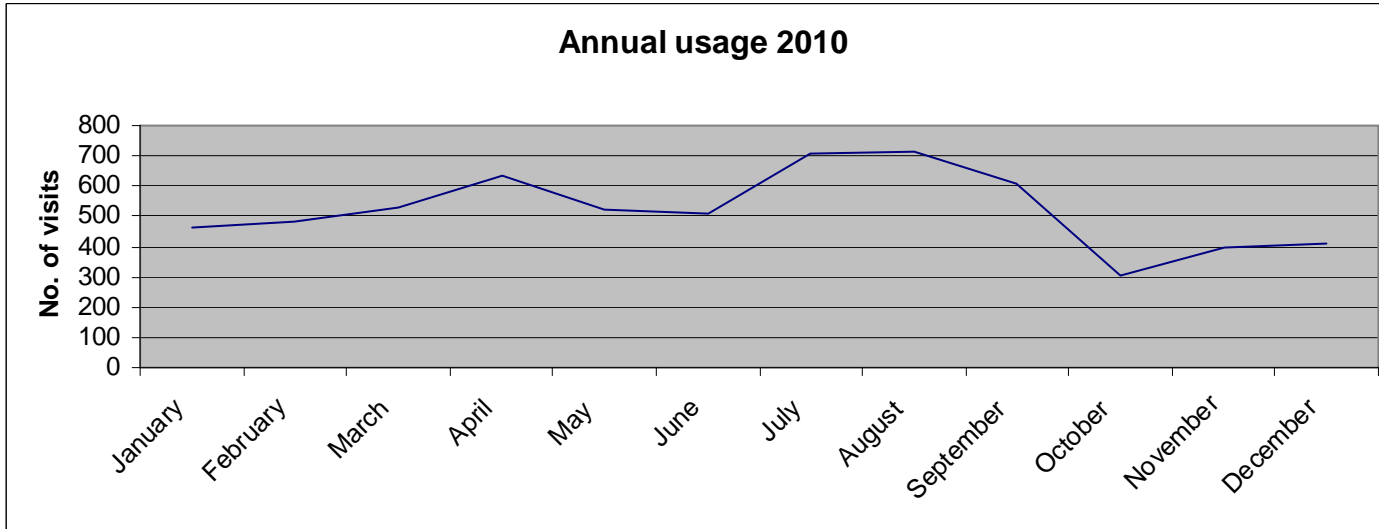
Site performance: Highest recycling rate 68%, very low tonnage throughput 2% of total network

Population within 5 miles: 10,713 3%

Value for money: Highest cost per visit, £6.24 per visit

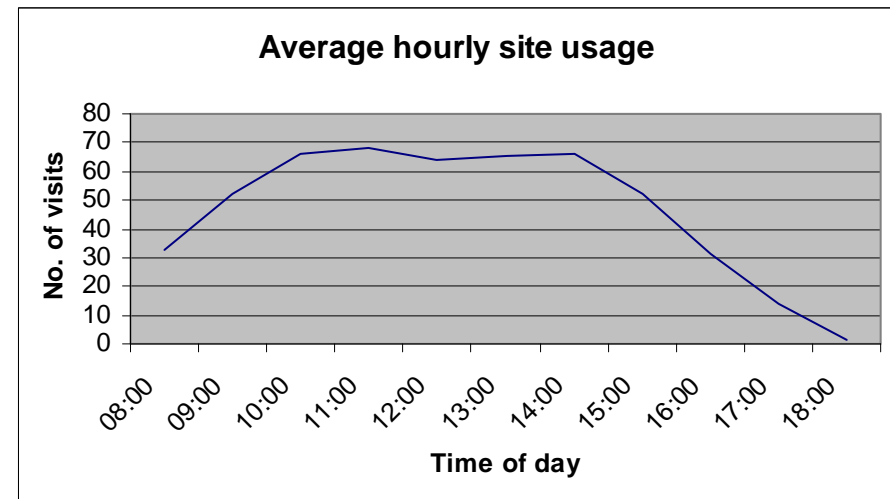
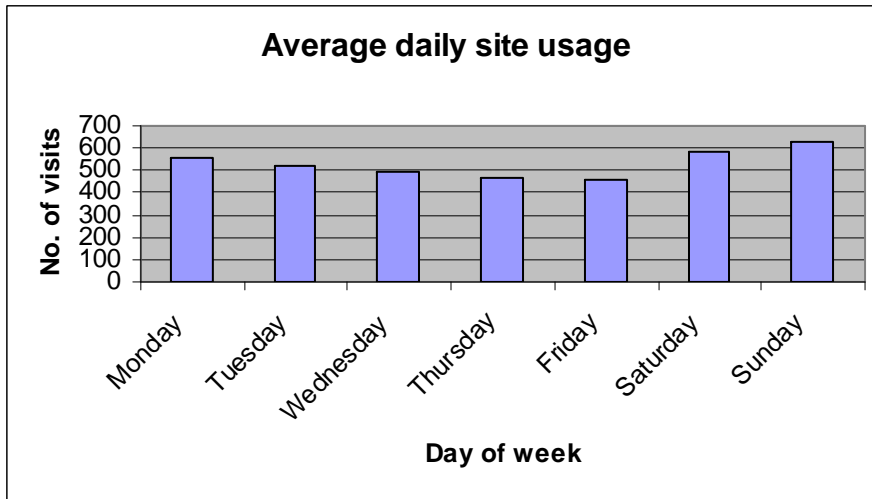
Opening times: Mon/Wed/Thurs/Fri/Sat/Sun 10.00 – 18.00

Carlisle:



Time	Visits	Percentage
08:00	32.7	6.4
09:00	52.4	10.2
10:00	65.8	12.8
11:00	68.4	13.3
12:00	64.2	12.5
13:00	65.6	12.8
14:00	65.9	12.9
15:00	52.2	10.1
16:00	31.2	6
17:00	13.9	2.7
18:00	1.7	0.3
Total:	514	100

90.6% of visits take place



Key Facts:

Site Type: Principal site

Usage: Highest usage rate in network, approx 185,000 visits per annum

Materials acceptance: High range

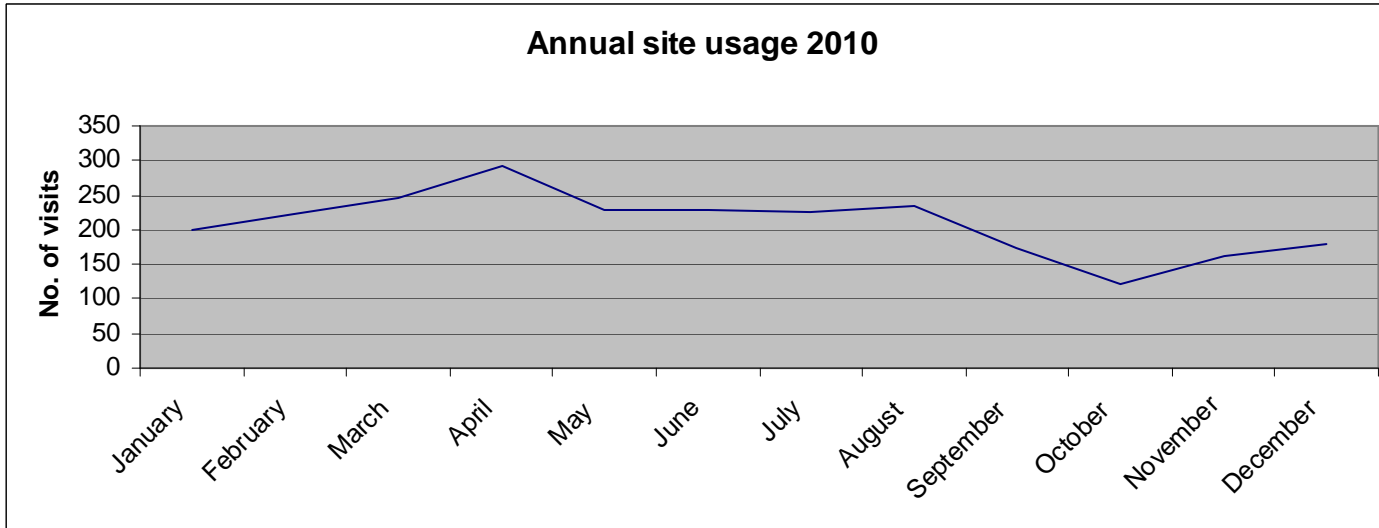
Site performance: High recycling rate 57%, highest tonnage throughput 17% of total network

Population within 5 miles: 86,704 21%

Value for money: Lowest cost per visit, £1.20 per visit

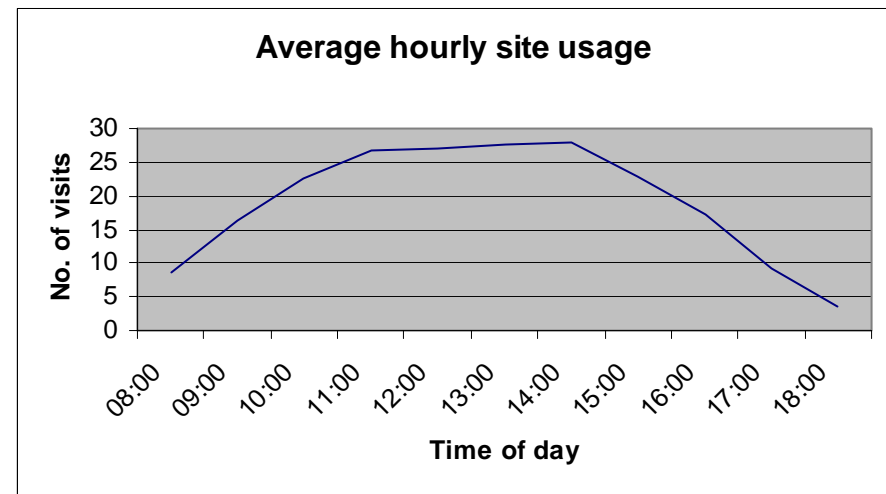
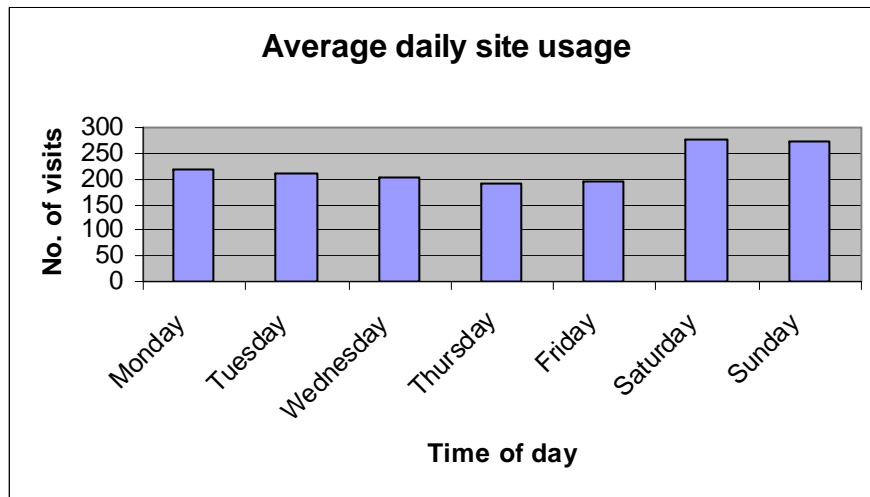
Opening times: Everyday 08.00 – 18.00

Flusco:



Time	Visits	Percentage
08:00	8.5	4.1
09:00	16.3	7.8
10:00	22.6	10.8
11:00	26.7	12.6
12:00	27	12.7
13:00	27.6	13
14:00	27.8	13.1
15:00	22.9	10.8
16:00	17.3	8.2
17:00	9.1	4.3
18:00	3.6	1.7
Total:	209.4	100

89% of visits take place



Key Facts:

Site Type: Principal site

Usage: Medium/High usage rate, approx 77,000 visits per annum

Materials acceptance: High range

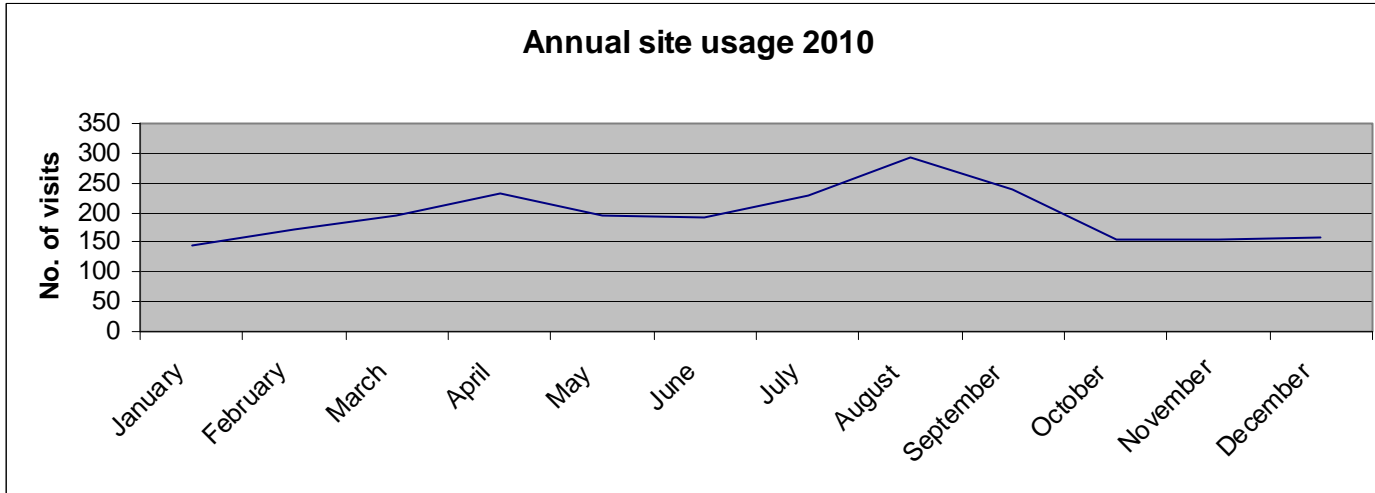
Site performance: Second highest recycling rate 63%, high tonnage throughput 10% of total network

Population within 5 miles: 29,392 7%

Value for money: Above average cost per visit, £3.23 per visit

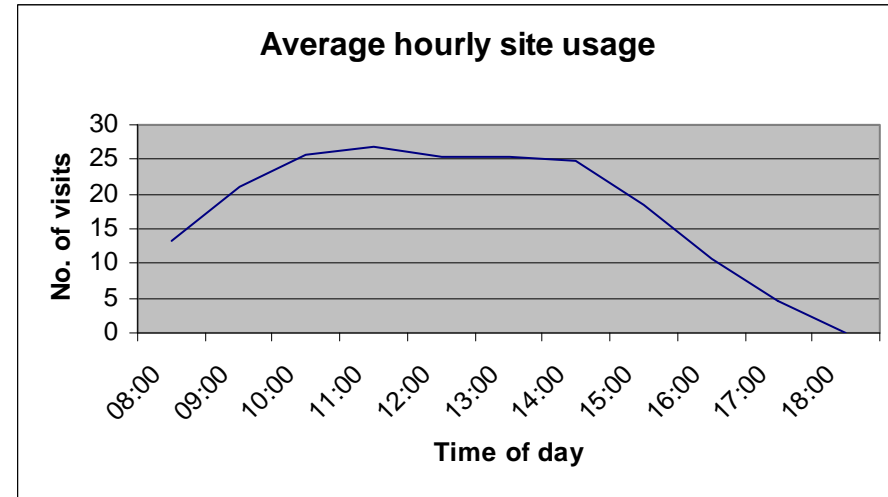
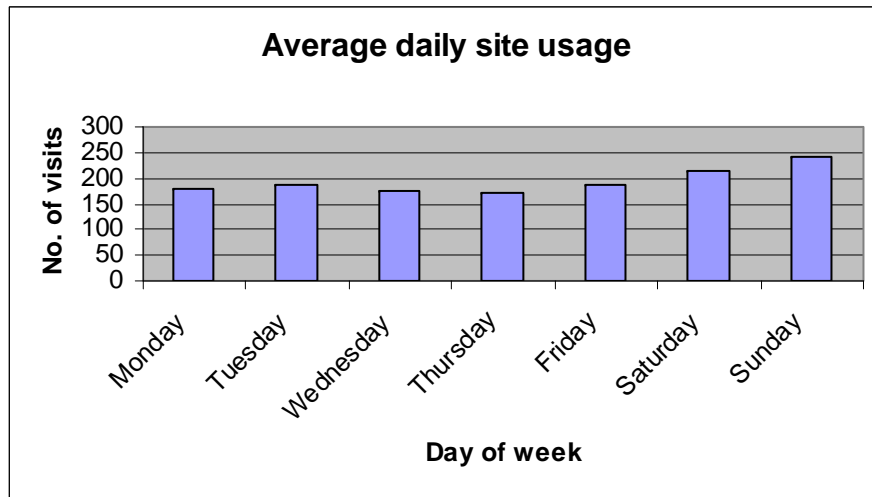
Opening times: Everyday 08.00 – 18.00

Frizington:



Time	Visits	Percentage
08:00	13.3	6.8
09:00	21	10.7
10:00	25.6	13
11:00	26.8	13.7
12:00	25.5	13
13:00	25.3	12.9
14:00	24.8	12.6
15:00	18.6	9.5
16:00	10.7	5.5
17:00	4.6	2.3
18:00	0.1	0
Total:	196.3	100

90.9% of visits take place



Key Facts:

Site Type: Satellite site

Usage: Medium/High usage rate, approx 73,000 visits per annum

Materials acceptance: Medium/High range

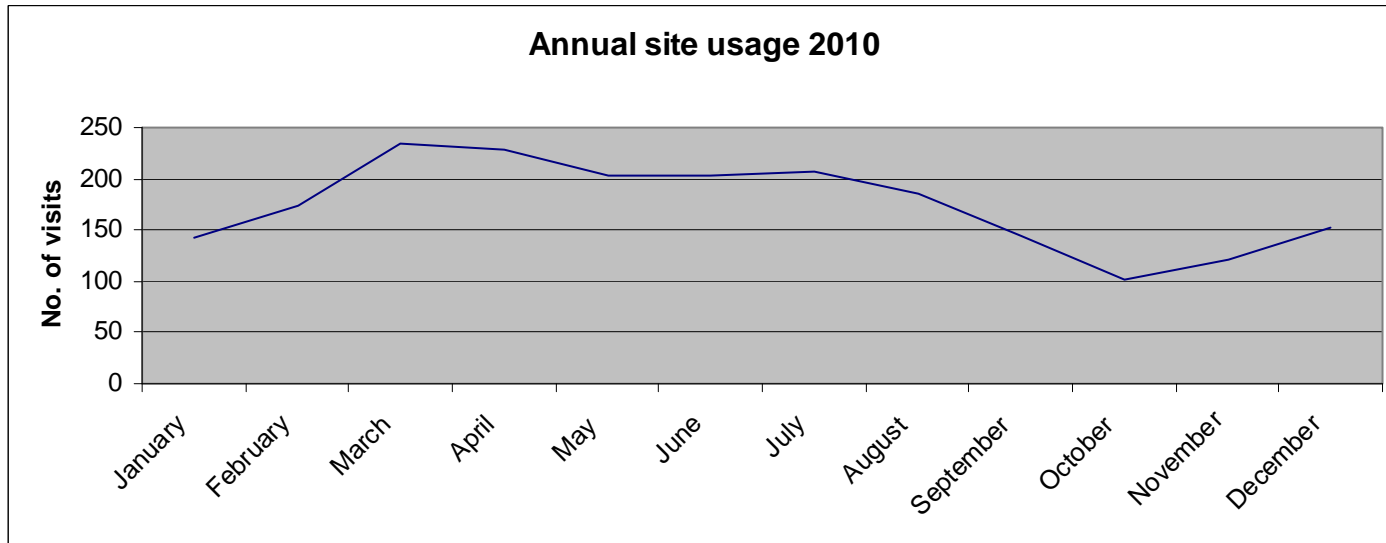
Site performance: Low recycling rate 52%, high tonnage throughput 10% of total network

Population within 5 miles: 51,490 12%

Value for money: Low cost per visit, £2.56 per visit

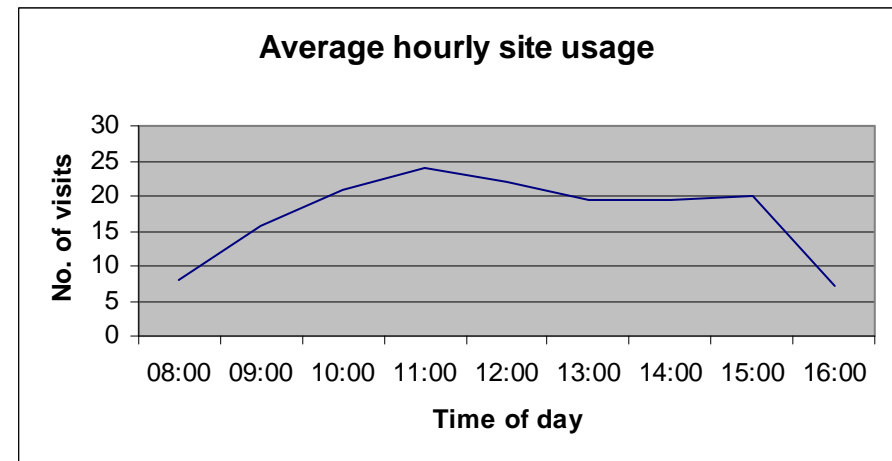
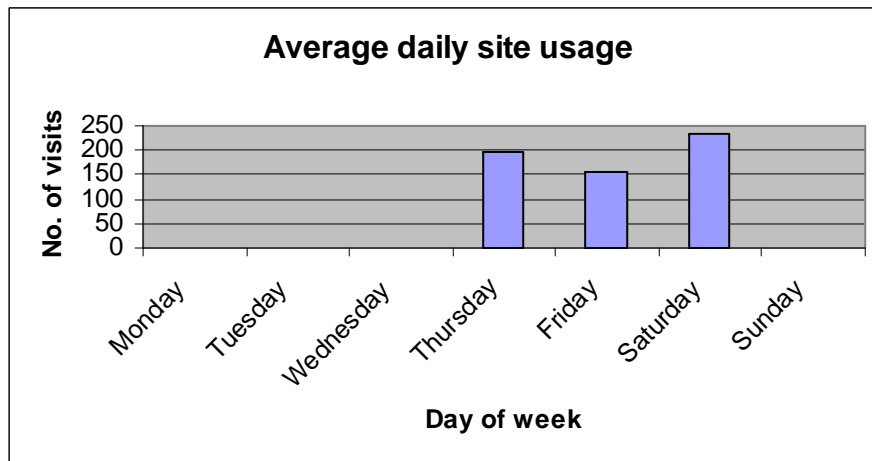
Opening times: Everyday 08.00 – 18.00

Grange over Sands :



Time	Visits	Percentage
08:00	8.1	5.1
09:00	15.7	9.9
10:00	21	13.4
11:00	24	15.3
12:00	22.1	14
13:00	19.5	12.4
14:00	19.5	12.4
15:00	19.9	12.7
16:00	7.1	4.5
17:00	0	0
18:00	0	0
Total:	156.9	100

90.1% of visits take place



Key Facts:

Site Type: Satellite site

Usage: 2nd lowest usage rate in network, approx 24,000 visits per annum

Materials acceptance: Low/Medium

Site performance: High recycling rate: 59%, very low tonnage throughput 2% of total network

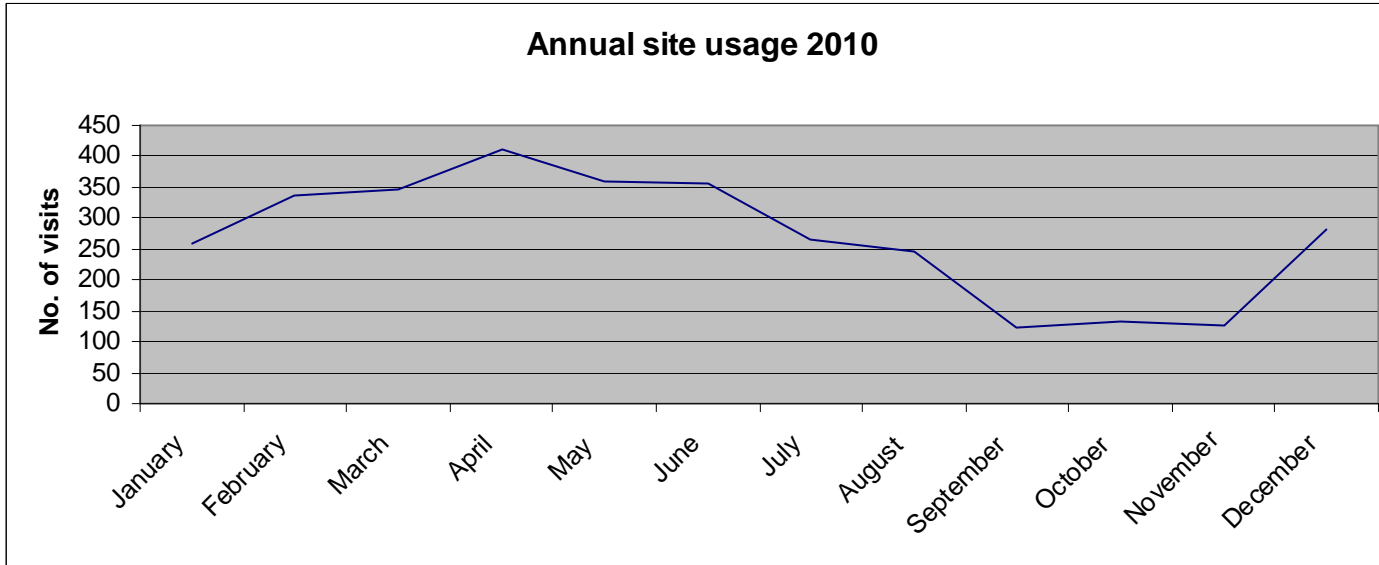
Population within 5 miles: 9,632 2%

Value for money: High cost per visit, £3.51 per visit

Opening times: Thurs/Fri/Sat 08.00 – 16.00

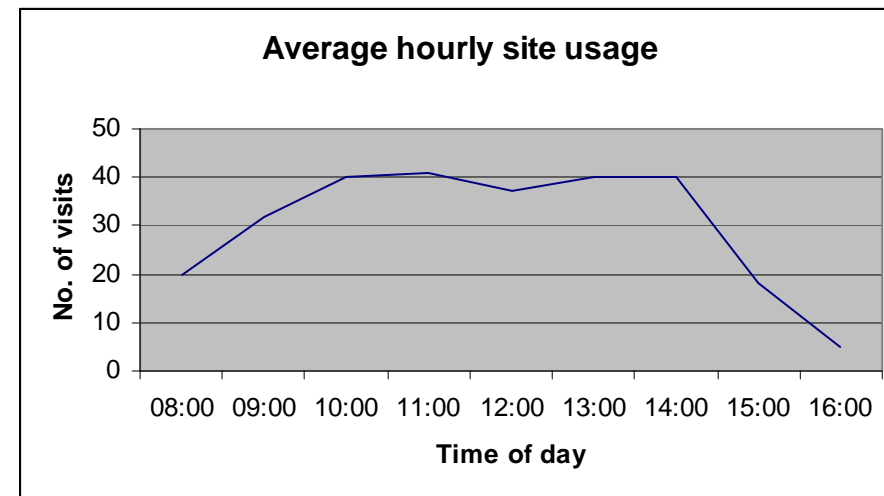
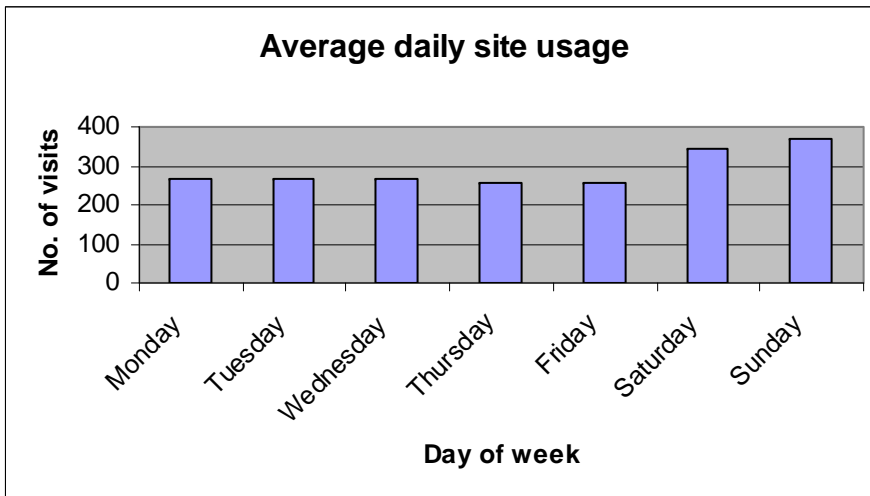
Other: Very poor access on roads, queuing on highway causing health and safety issues. Would require redevelopment costs of approx £1M

Kendal:



Time	Visits	Percentage
08:00	19.8	7.3
09:00	31.9	11.7
10:00	39.9	14.5
11:00	41	15
12:00	37.3	13.7
13:00	40.1	14.7
14:00	39.9	14.6
15:00	18.2	6.7
16:00	5	1.8
17:00	0	0
18:00	0	0
Total:	273.1	100

90.9% of visits take place



Key Facts:

Site Type: Principal site

Usage: High usage rate, approx 100,000 visits per annum

Materials acceptance: Low/Medium range

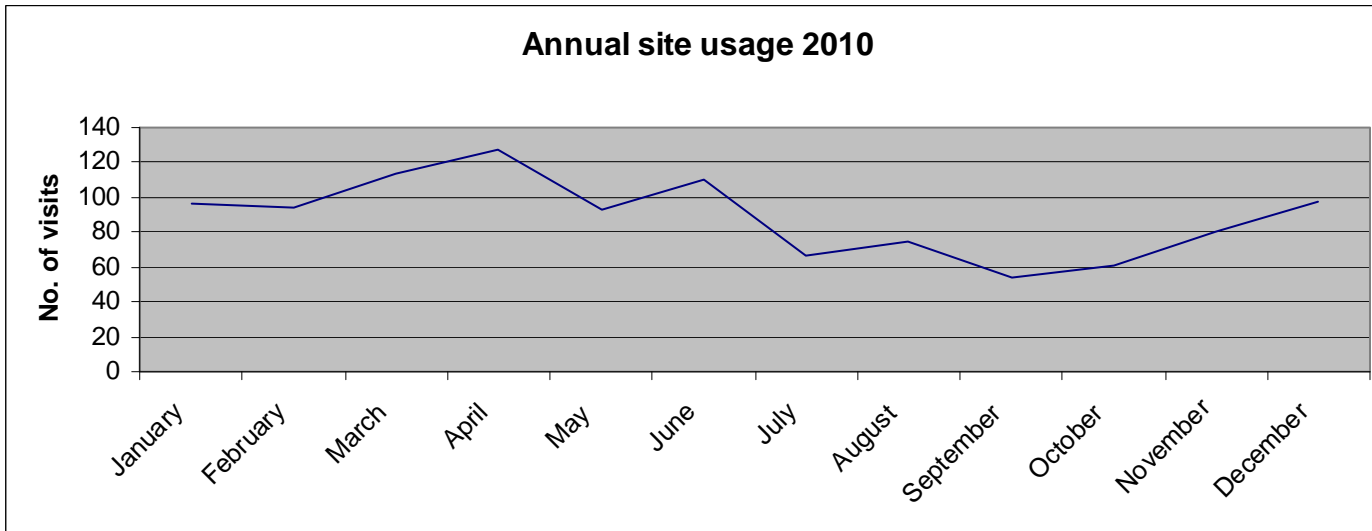
Site performance: 2nd Highest recycling rate 63%, high tonnage throughput 10% of total network

Population within 5 miles: 33,856 8%

Value for money: Low cost per visit, £2.02 per visit

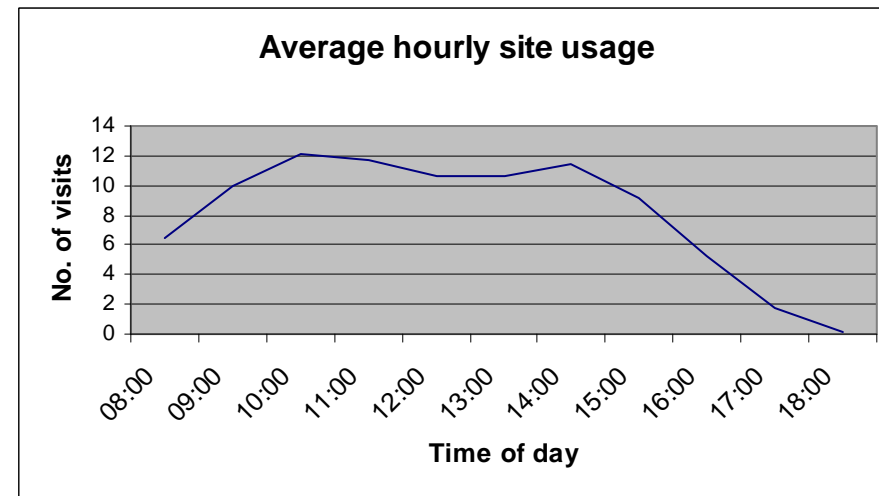
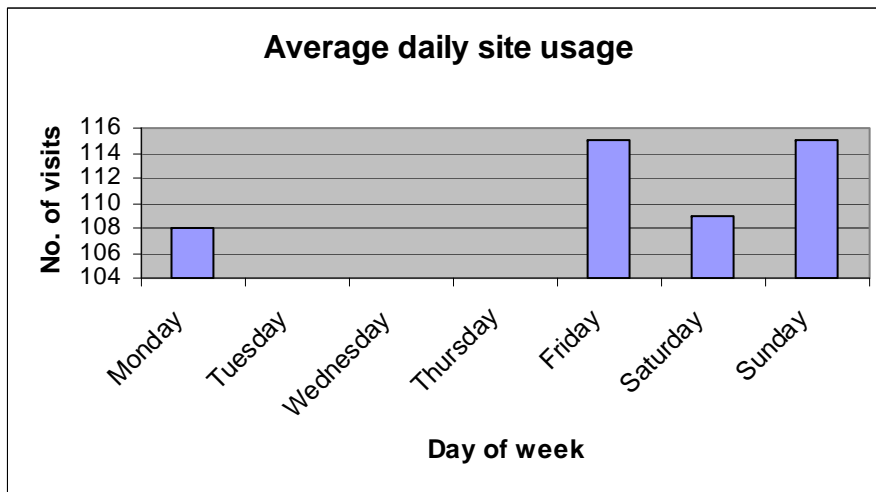
Opening times: Everyday 08.00 – 16.00

Kirkby Stephen:



Time	Visits	Percentage
08:00	8.5	4.1
09:00	16.3	7.8
10:00	22.6	10.8
11:00	26.7	12.6
12:00	27	12.7
13:00	27.6	13
14:00	27.8	13.1
15:00	22.9	10.8
16:00	17.3	8.2
17:00	9.1	4.3
18:00	3.6	1.7
Total:	209.4	100

89% of visits take place



Key Facts:

Site Type: Satellite site

Usage: Lowest usage rate in network, approx 19,000 visits per annum

Materials acceptance: Low range

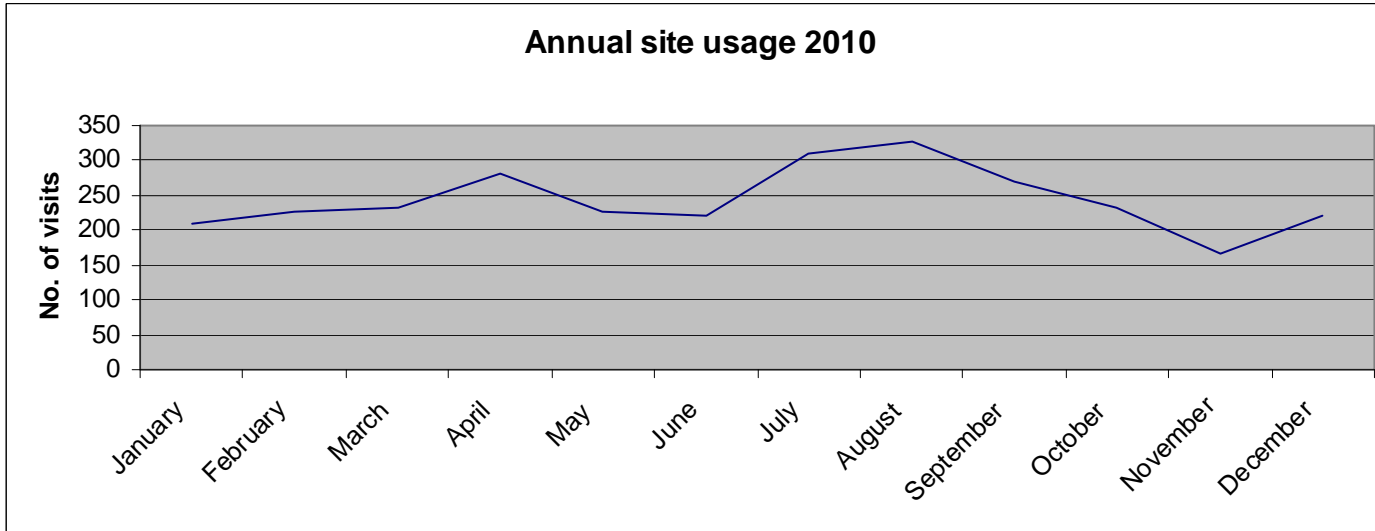
Site performance: Medium recycling rate 55%, lowest tonnage throughput 2% of total network

Population within 5 miles: 4,991 1%

Value for money: 2nd highest cost per visit, £4.89 per visit

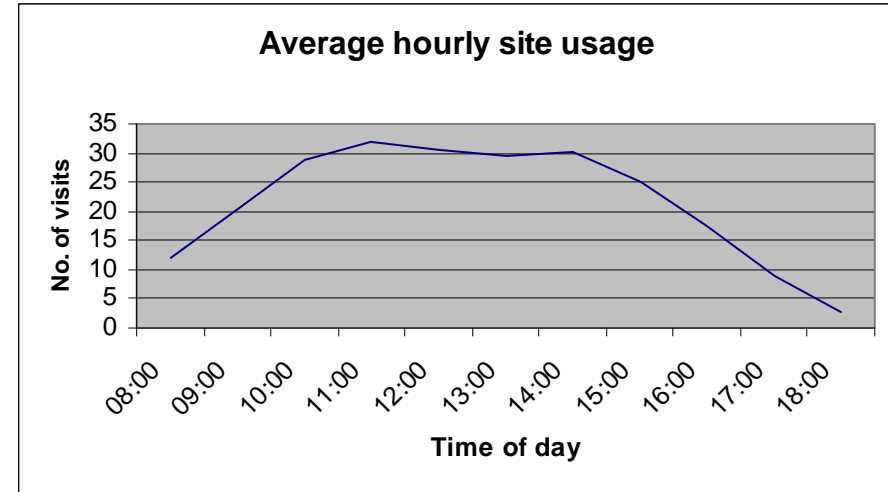
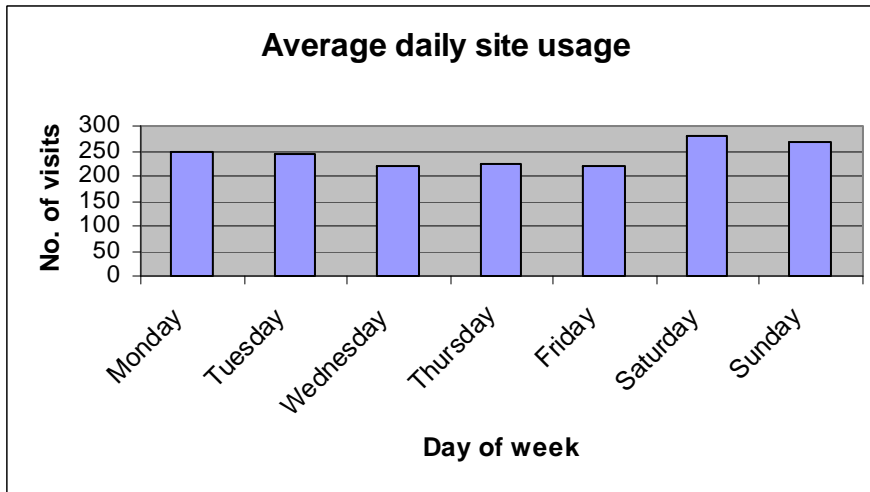
Opening times: Mon/Fri/Sat/Sun 08.00 – 18.00

Maryport:



Time	Visits	Percentage
08:00	11.9	4.8
09:00	20.4	8.5
10:00	28.8	12
11:00	31.8	13.2
12:00	30.7	12.7
13:00	29.6	12.3
14:00	30.1	12.5
15:00	25.1	10.4
16:00	17.6	7.3
17:00	8.9	3.6
18:00	2.8	1.2
Total:	237.7	100

88.9% of visits take place



Key Facts:

Site Type: Satellite site

Usage: Medium/High usage rate, approx 90,000 visits per annum

Materials acceptance: Medium/High range

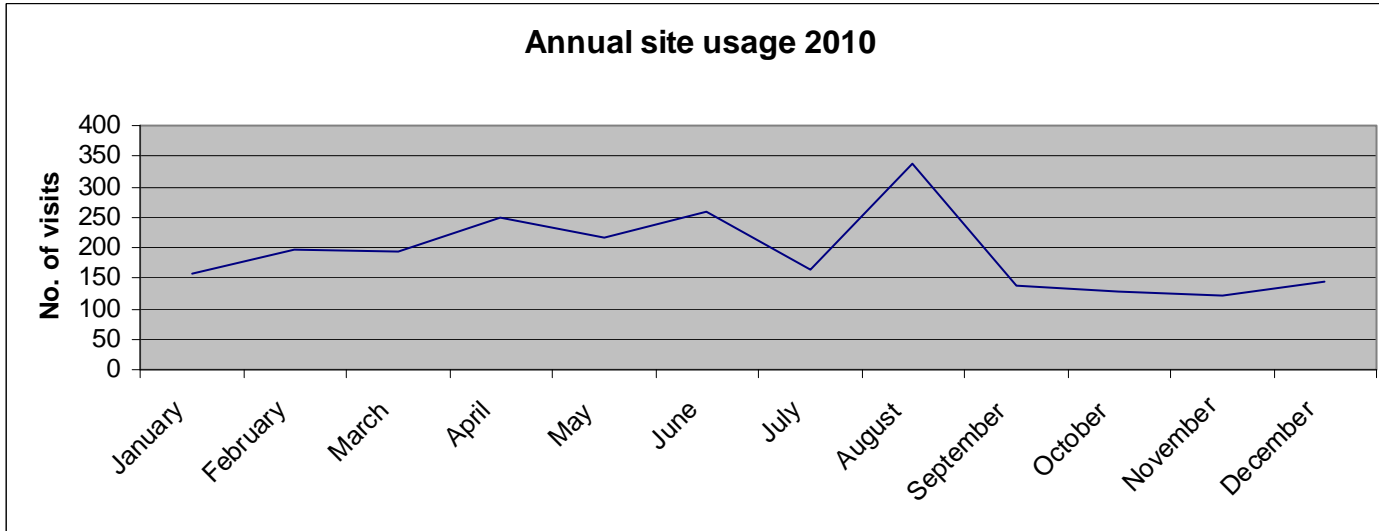
Site performance: Low recycling rate 50%, medium tonnage throughput 6% of total network

Population within 5 miles: 29515 7%

Value for money: Low cost per visit, £2.13 per visit

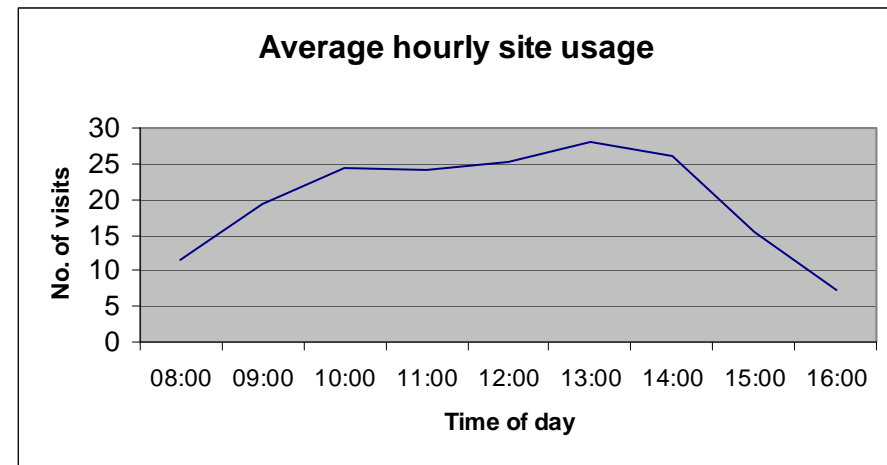
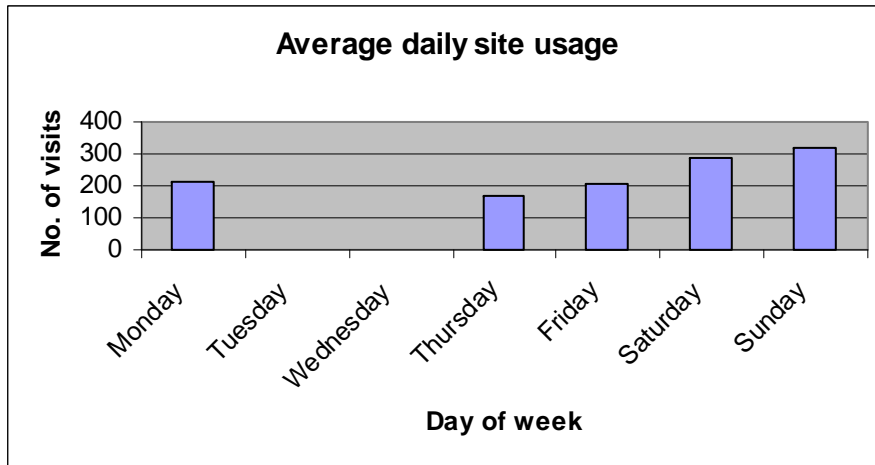
Opening times: Everyday 08.00 – 18.00

Millom:



Time	Visits	Percentage
08:00	11.5	6.3
09:00	19.3	10.7
10:00	24.4	13.4
11:00	24.2	13.4
12:00	25.3	13.9
13:00	27.9	15.4
14:00	26.2	14.4
15:00	15.3	8.4
16:00	7.4	4.1
17:00	0	0
18:00	0	0
Total:	181.5	100

89.6% of visits take place



Key Facts:

Site Type: Satellite site

Usage: Median level usage rate in network, 52,000 visits per annum

Materials acceptance: Low/Medium range

Site performance: 2nd lowest recycling rate 51%, very low tonnage throughput 3% of total network

Population within 5 miles: 10,280 2%

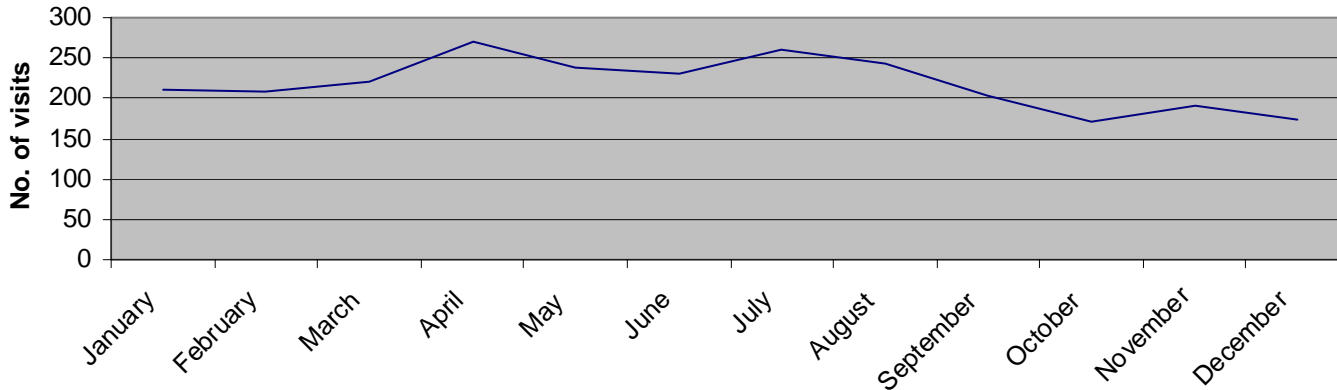
Value for money: Lowest Cost per visit, £2.62 per visit

Opening times: Mon/Thurs/Fri/Sat/Sun 08.00 16.00

Other: Damaged by subsidence and long access road in poor condition. Would require redevelopment costs of approx £1M

Ulverston:

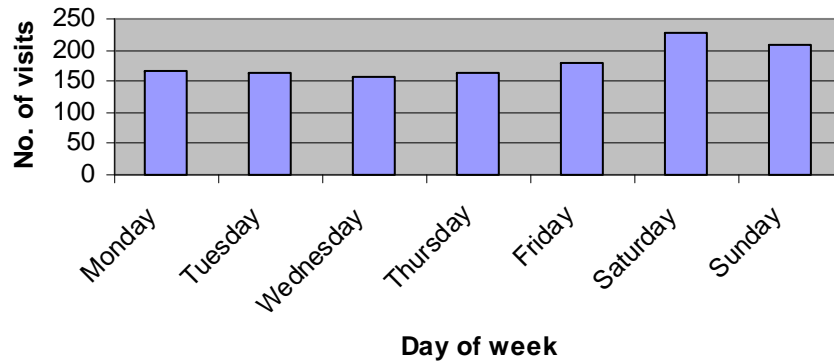
Annual site usage 2010



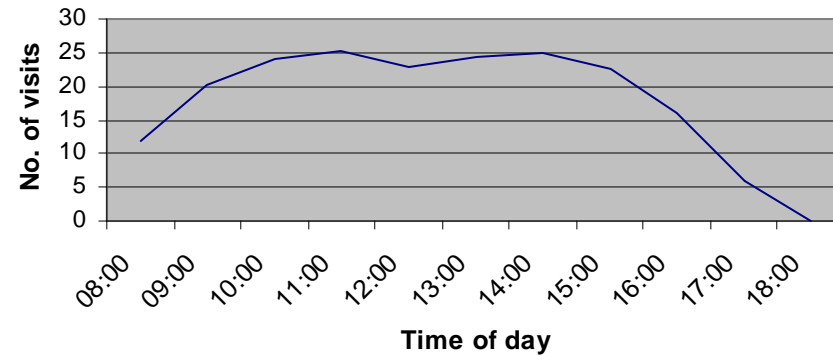
Time	Visits	Percentage
08:00	11.9	6
09:00	20.1	10.1
10:00	24.2	12.2
11:00	25.2	12.7
12:00	22.9	11.6
13:00	24.3	12.3
14:00	25	12.6
15:00	22.5	11.3
16:00	16.1	8.1
17:00	6	3.1
18:00	0.1	0
Total:	198.3	100

90.9% of visits take place

Average daily site usage



Average hourly site usage



Key Facts:

Site Type: Satellite site

Usage: Medium/high usage rate, approx 74,000 visits per annum

Materials acceptance: Low/Medium range

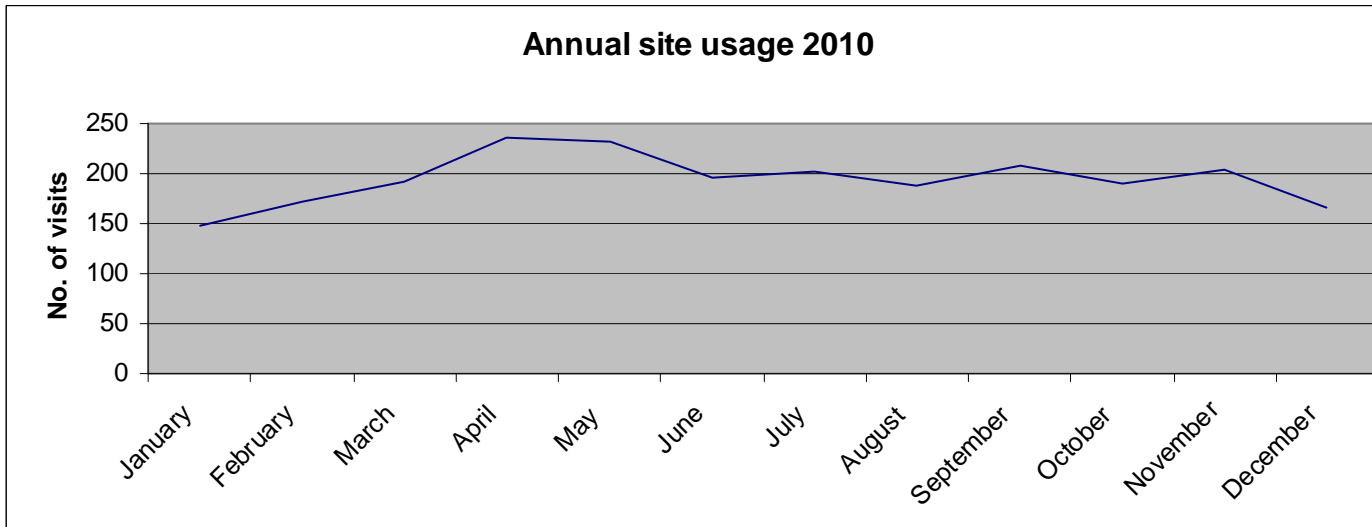
Site performance: Medium/High recycling rate 56%, medium tonnage throughput 6% of total network

Population within 5 miles: 15,418 4%

Value for money: Low cost per visit, £2.55 per visit

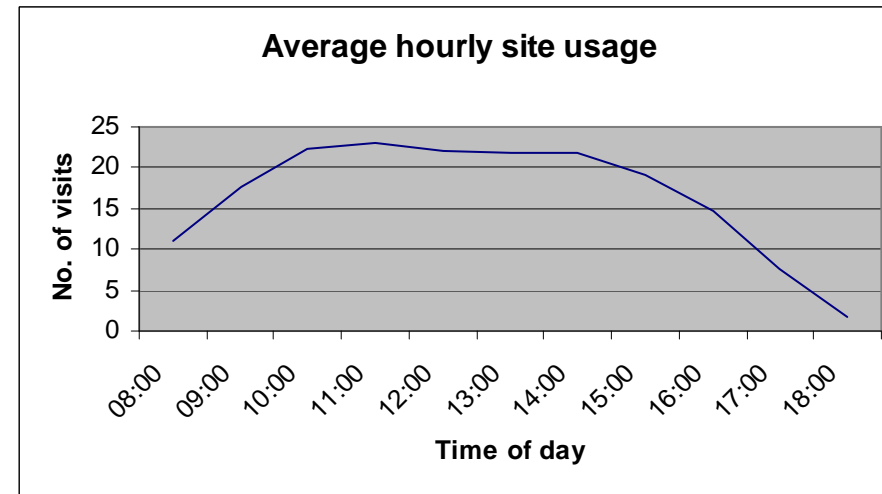
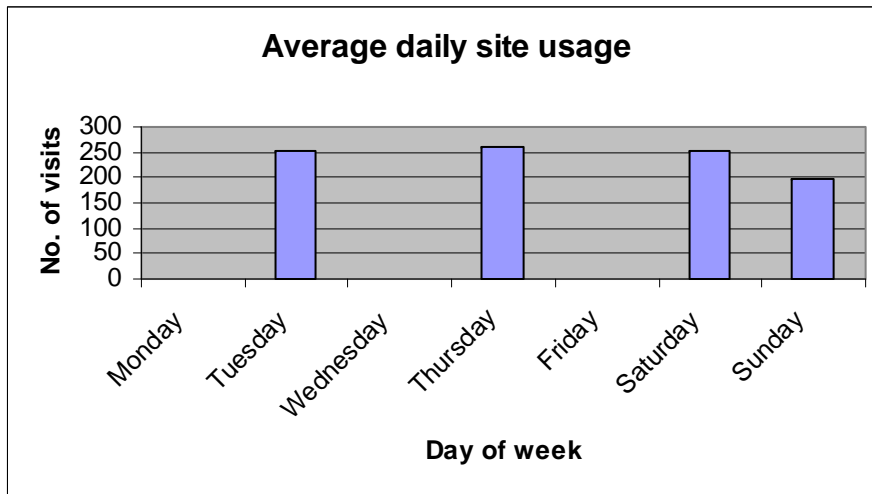
Opening times: Everyday 08.00 – 18.00

Wigton:



Time	Visits	Percentage
08:00	11.1	6.1
09:00	17.6	9.6
10:00	22.2	12.2
11:00	23	12.6
12:00	22.1	12.1
13:00	21.7	11.9
14:00	21.7	11.9
15:00	19	10.4
16:00	14.7	8.1
17:00	7.5	4.1
18:00	1.8	1
Total:	182.4	100

**88.8%
of
visits
take
place**



Key Facts:

Site Type: Satellite site

Usage: Low usage rate, approx 39,000 visits per annum

Materials acceptance: Medium/High range

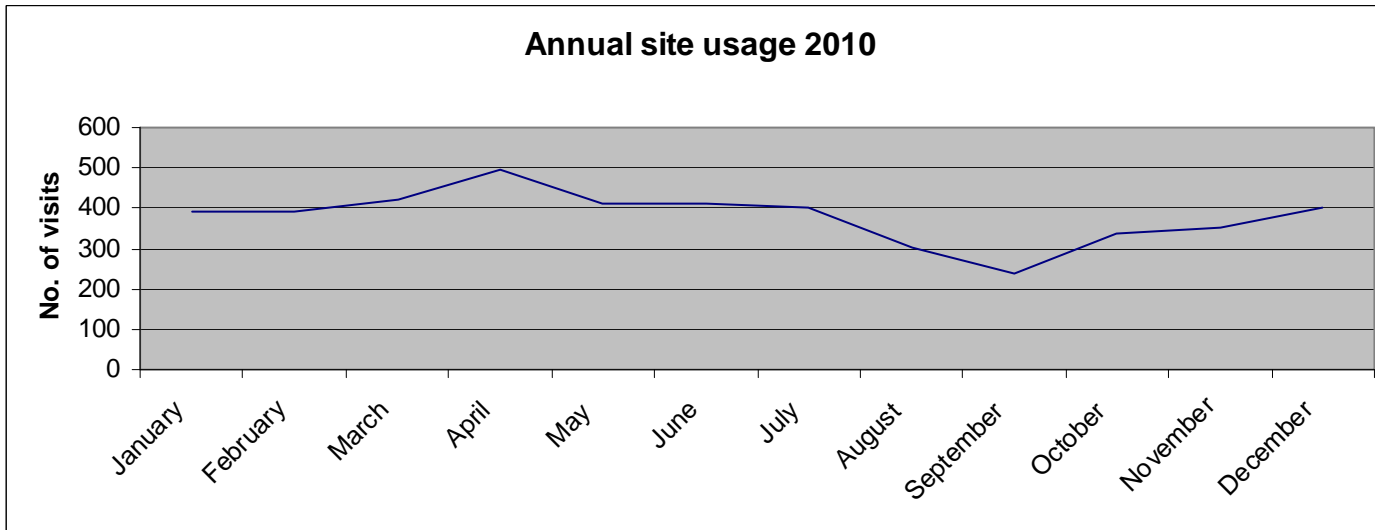
Site performance: High recycling rate 59%, low tonnage throughput 4% of total network

Population within 5 miles: 11,257 3%

Value for money: Low cost per visit, £2.40 per visit

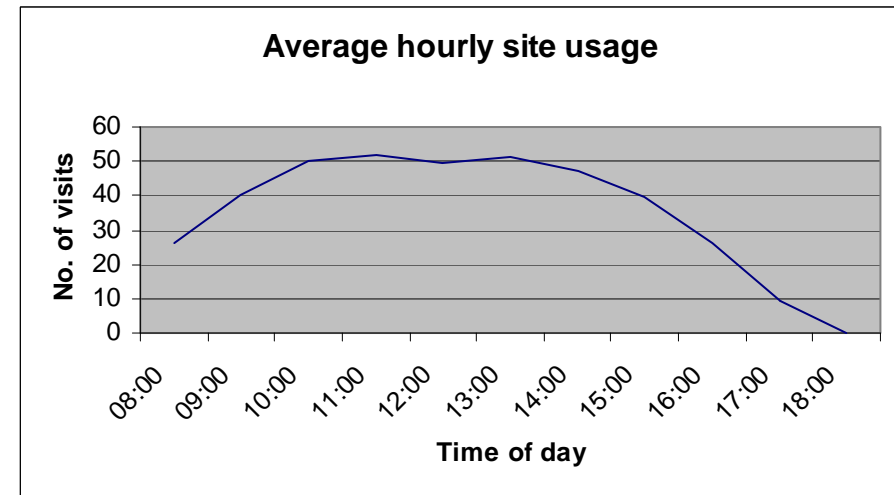
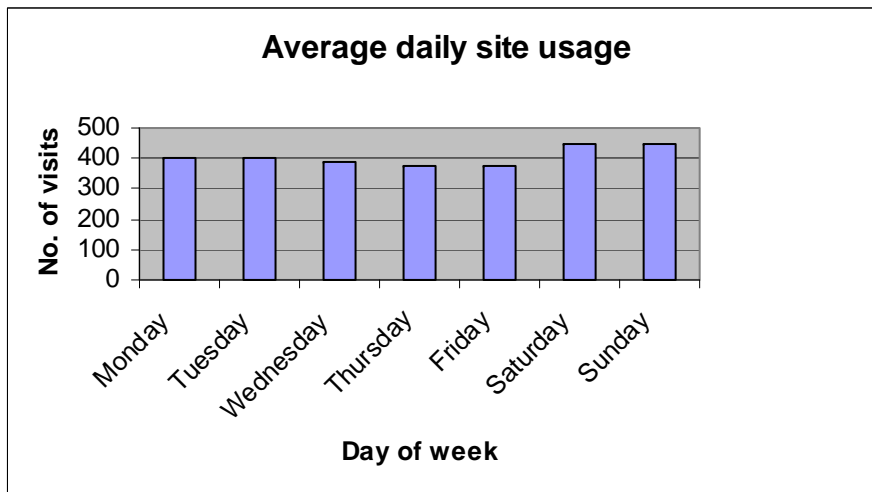
Opening times: Tues/Thurs/Sat/Sun 08.00 – 18.00

Workington:



Time	Visits	Percentage
08:00	26.2	6.7
09:00	40.3	10.3
10:00	49.9	12.8
11:00	51.9	13.2
12:00	49.7	12.7
13:00	51.1	13.1
14:00	47.1	12.1
15:00	39.6	10.1
16:00	26.2	6.7
17:00	9.2	2.3
18:00	0	0
Total:	391.2	100

91% of visits take place



Key Facts:

Site Type: Satellite site

Usage: 2nd highest usage rate in network, approx 146,000 visits per annum

Materials acceptance: Medium/High range

Site performance: Lowest recycling rate 45%, high tonnage throughput 12% of total network

Population within 5 miles: 34,477 8%

Value for money: 2nd lowest cost per visit, £1.69 per visit

Opening times: Everyday 08.00 – 18.00