

Appendix 1: Household Waste Recycling Centre Information

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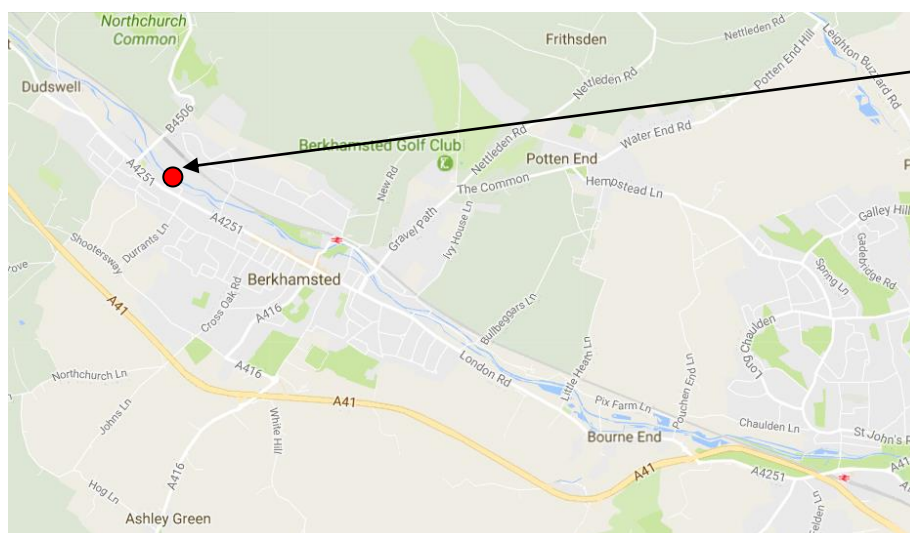
Berkhamsted Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Leasehold – Commenced 14/3/96 – 125 years Peppercorn Rent Owned by Dacorum Borough Council	Northbridge Road, Berkhamsted, Hertfordshire, HP4 1TL	All Year: Saturday – Wednesday 08.30 - 16.30

The Berkhamsted HWRC is located on Northbridge Road in an industrial estate area to the northwest of Berkhamsted. The centre is 0.23 of a hectare.

The centre does not experience any specific issues and functions well during peak periods.

Location of Berkhamsted HWRC



Berkhamsted HWRC

Centre photograph (2008)

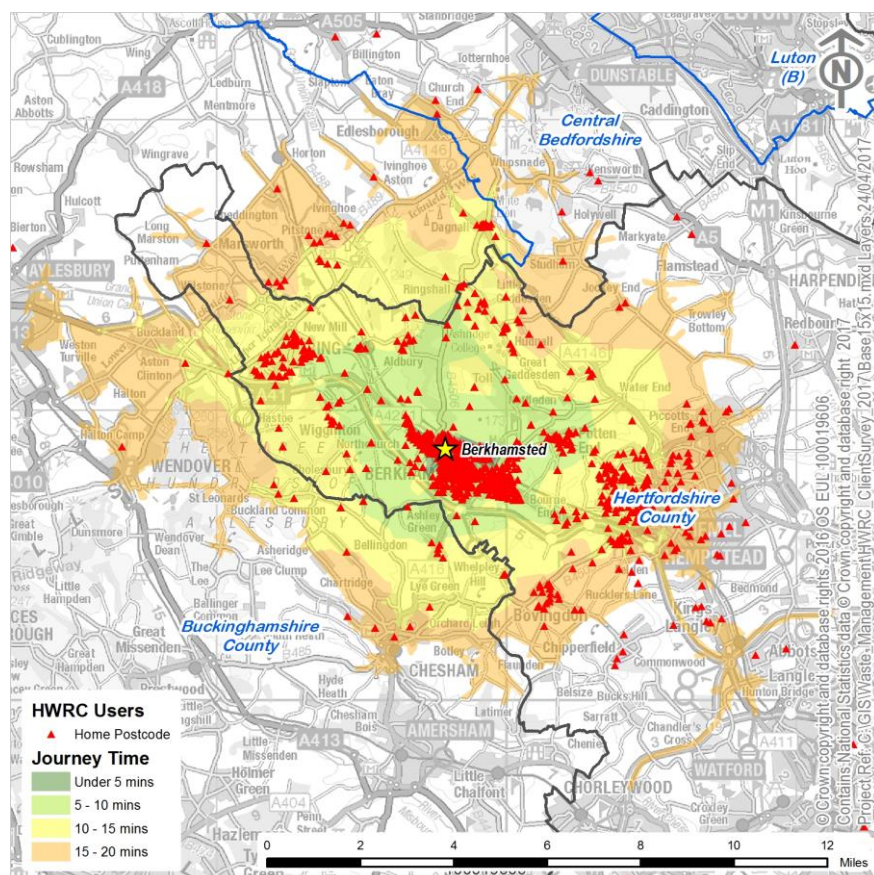


Berkhamsted HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Berkhamsted HWRC. This map demonstrates that the centre predominantly serves Berkhamsted but service users also originate from Tring and Hemel Hempstead. The majority of service users are Hertfordshire residents, 3.8% are from neighbouring authorities.

The council has an agreement in place with Buckinghamshire County Council that enables residents in the Tring area to use Aston Clinton HWRC. This is a reciprocal arrangement as Buckinghamshire residents had previously used Tring HWRC which closed in 2009. It is unclear when this arrangement will end.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre.

Journey times of service users	
0-5 mins	33%
5-10 mins	42%
10-15 mins	16%
15-20 mins	7%
more than 20 mins	2%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor

parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

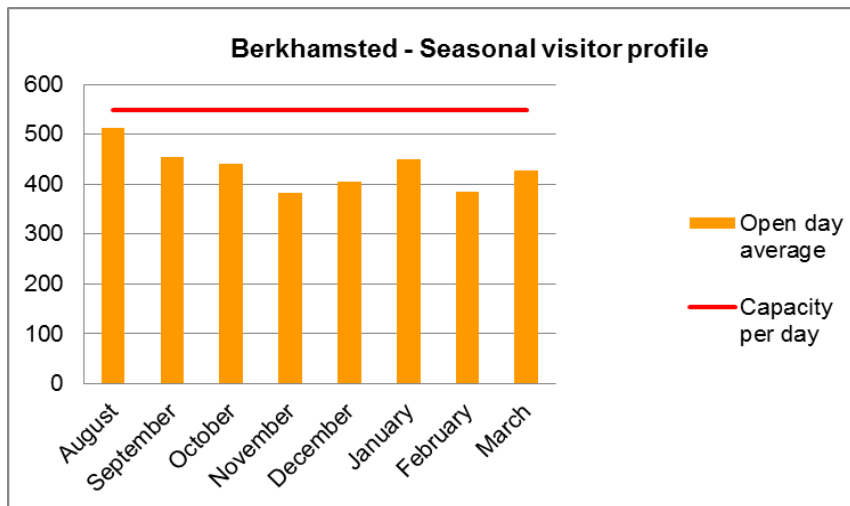
Berkhamsted HWRC Capacity	
13	Parking spaces
8	Hours open per day
6240	Number of minutes capacity
11.38	Average time on site
69	Number of vehicles site has capacity for per hour
548	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	442	477	486	CLOSED		608	549	512
September	366	366	389	CLOSED		558	593	454
October	374	381	363	CLOSED		529	554	440
November	292	333	351	CLOSED		493	448	383
December	323	331	394	CLOSED		496	485	406
January	357	506	442	CLOSED		507	442	451
February	339	331	322	CLOSED		465	466	384
March	392	398	377	CLOSED		588	381	427
	Indicative data							

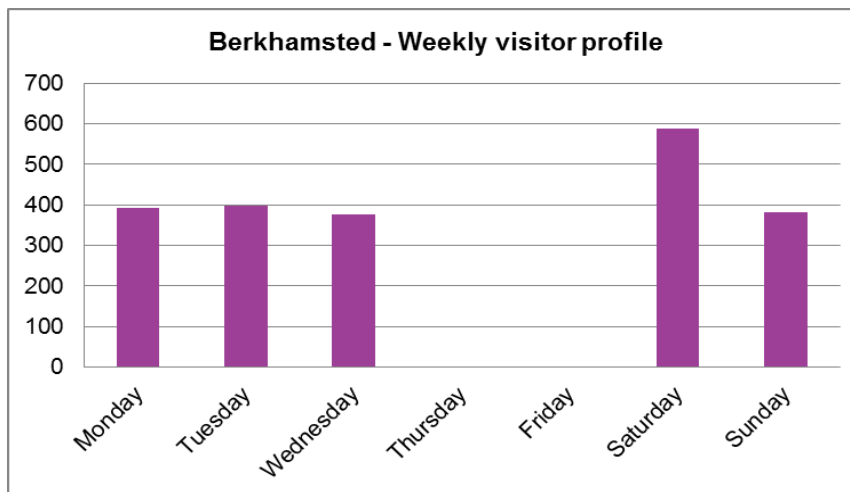
Projected number of annual visits	114,433
Projected total waste into Berkhamsted HWRC 2016/17 (tonnes)	2,852
Average amount of waste deposited by each service user (kg)	25

Trip counter information

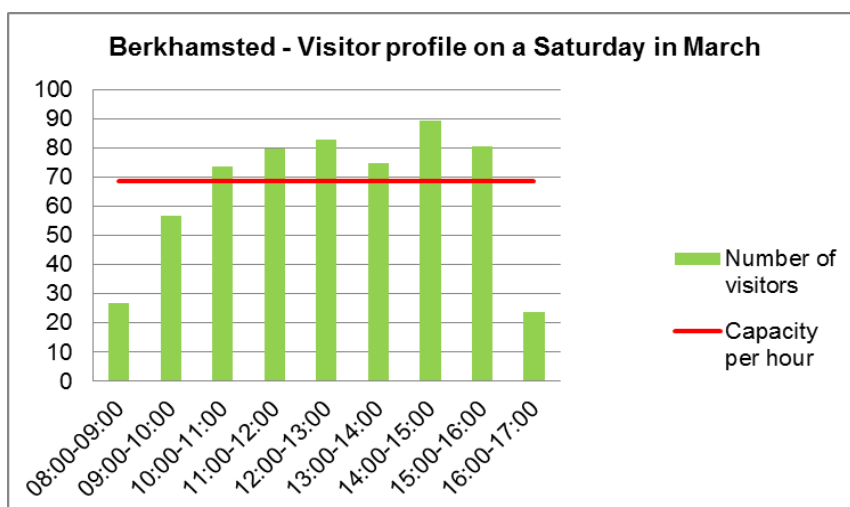
Trip counter information demonstrates that on average there is sufficient capacity at the Berkhamsted HWRC. The centre has daily capacity for 548 vehicles or 69 vehicles per hour. Between August and March Berkhamsted HWRC received a daily average of 432 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre at the weekend.



The graph below demonstrates that during peak periods the centre does not have enough capacity. The centre is quietest during the first and last hour of opening.



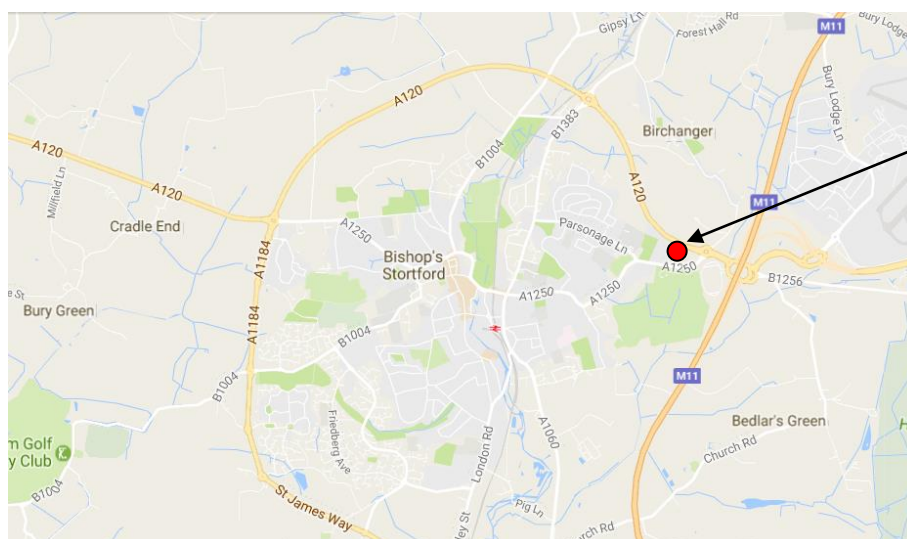
Bishops' Stortford Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Freehold Owned by Hertfordshire County Council	Woodside Industrial Estate, Dunmow Road, Bishops Stortford, Hertfordshire CM23 5RG	All Year: Thursday – Monday 08.00 - 16.00

1.1 The Bishops' Stortford HWRC is located on Dunmow Road in the Woodside industrial estate area to the east of Bishops' Stortford. Very close to the Hertfordshire Essex boundary, the A120 and the M11. The centre is 0.13 of a hectare.

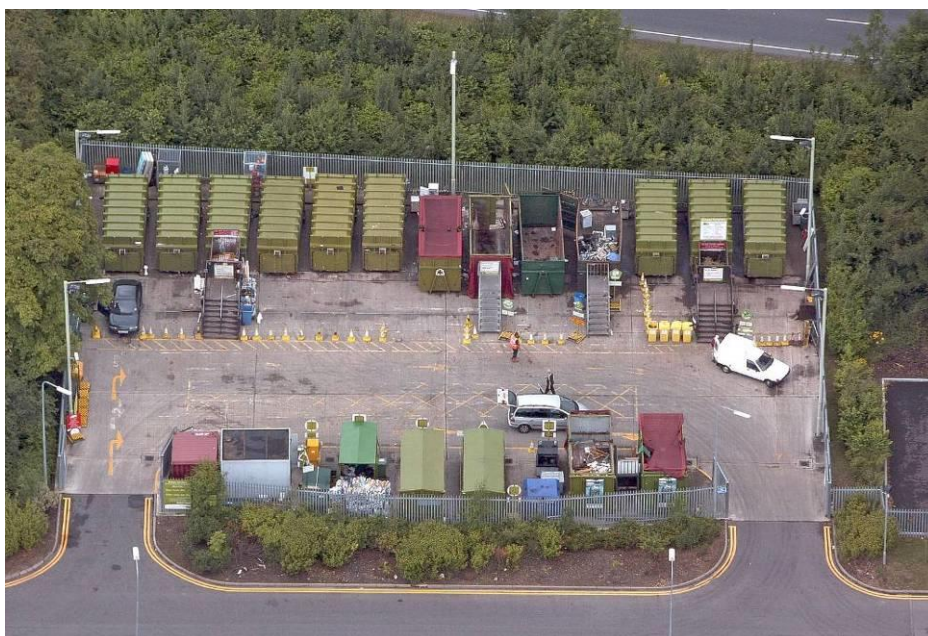
1.2 The centre is too small to adequately deal with demand. While the best possible use of available space has been utilised the restricted size of the site means at peak times queuing occurs back onto Dunmow Road.

Location of Bishops' Stortford HWRC



Bishops' Stortford
HWRC

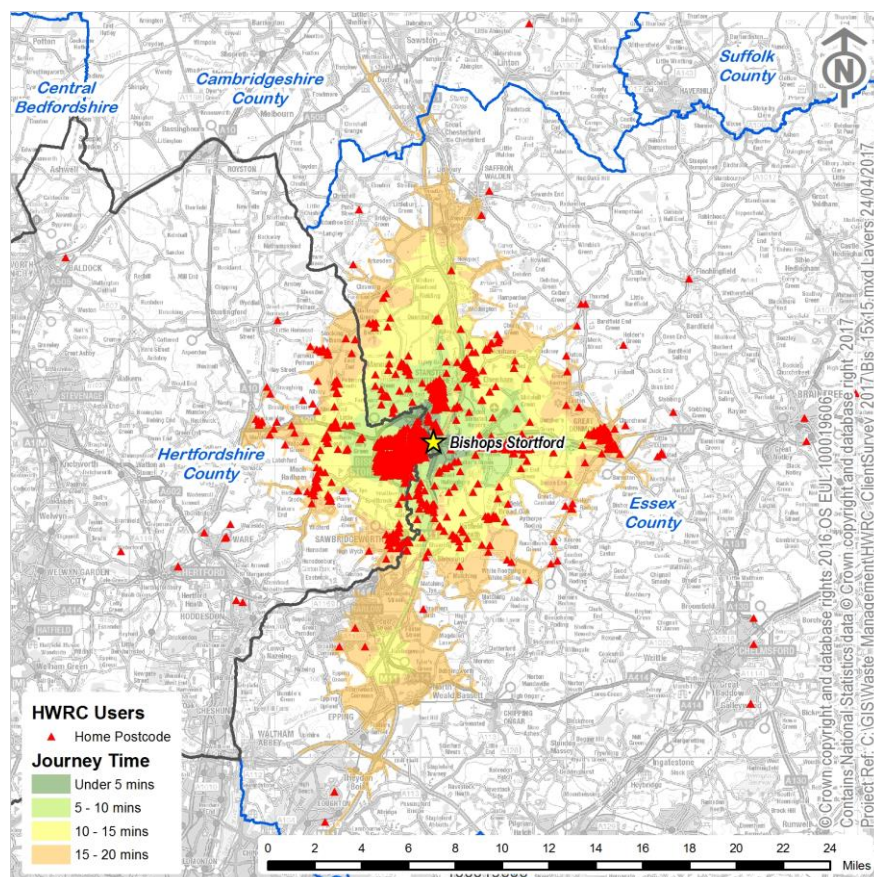
Centre photograph (Date unknown)



Bishops' Stortford HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Bishops' Stortford HWRC. This map demonstrates that that centre has a wide catchment area but within Hertfordshire predominantly serves Bishops' Stortford and its surrounding settlements. Residents from neighbouring authorities account for 40% of all service users.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre.

Journey times of service users	
0-5 mins	21%
5-10 mins	54%
10-15 mins	18%
15-20 mins	5%
more than 20 mins	2%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

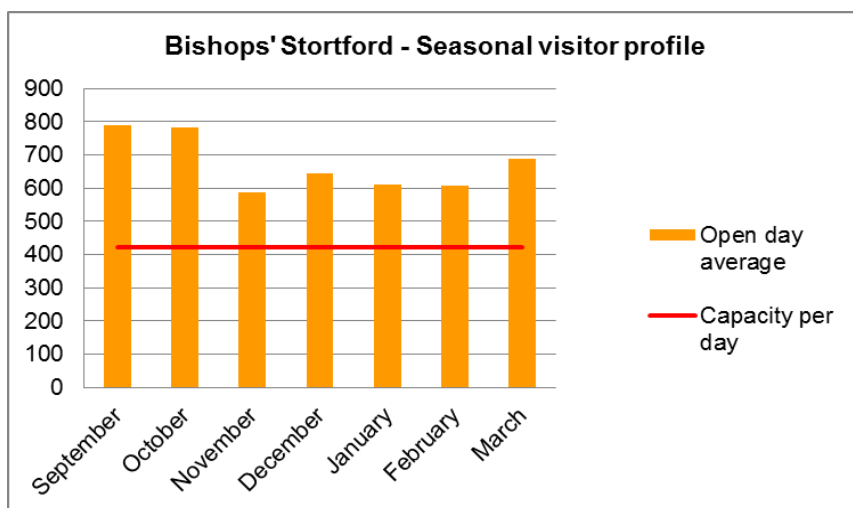
Bishop's Stortford HWRC Capacity	
10	Parking spaces
8	Hours open per day
4800	Number of minutes capacity
11.38	Average time on site
53	Number of vehicles site has capacity for per hour
422	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	852	CLOSED		948	925	1009	1034	953
September	798	CLOSED		840	498	894	920	790
October	760	CLOSED		810	693	793	851	781
November	562	CLOSED		571	522	605	679	588
December	608	CLOSED		708	636	611	661	645
January	551	CLOSED		646	498	712	648	611
February	539	CLOSED		560	553	659	724	607
March	628	CLOSED		662	637	744	763	687
	Indicative data							

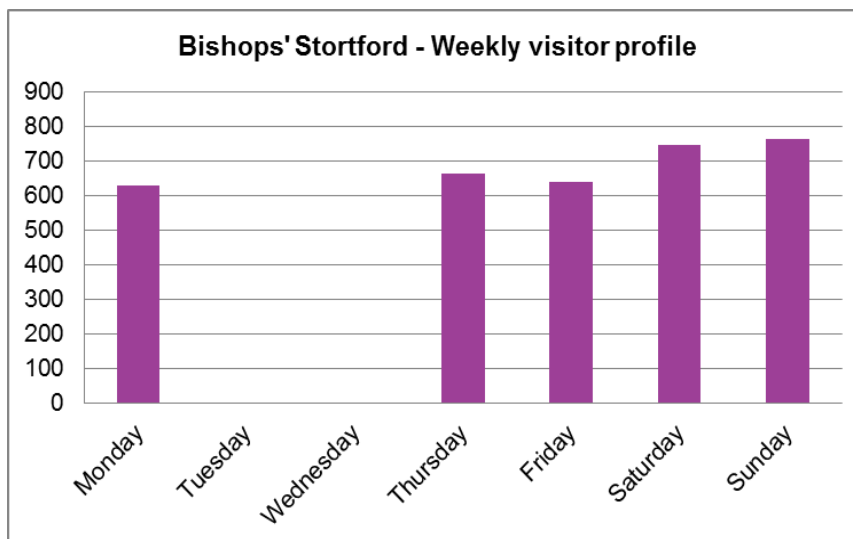
Projected number of annual visits	178,178
Projected total waste into Bishops' Stortford HWRC 2016/17 (tonnes)	4,760
Average amount of waste deposited by each service user (Kg)	27

Trip counter information

Trip counter information demonstrates that on average there is insufficient capacity at the Bishops' Stortford HWRC. The centre has daily capacity for 422 vehicles or 53 vehicles per hour. Between September and March Bishops' Stortford HWRC received a daily average of 673 vehicles, this equated to 37% more visits than the centre has capacity for. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre at the weekend..



The graph below demonstrates that during peak periods the centre does not have enough capacity. It identifies that the centre becomes busier from mid morning and receives a steady flow of service users.

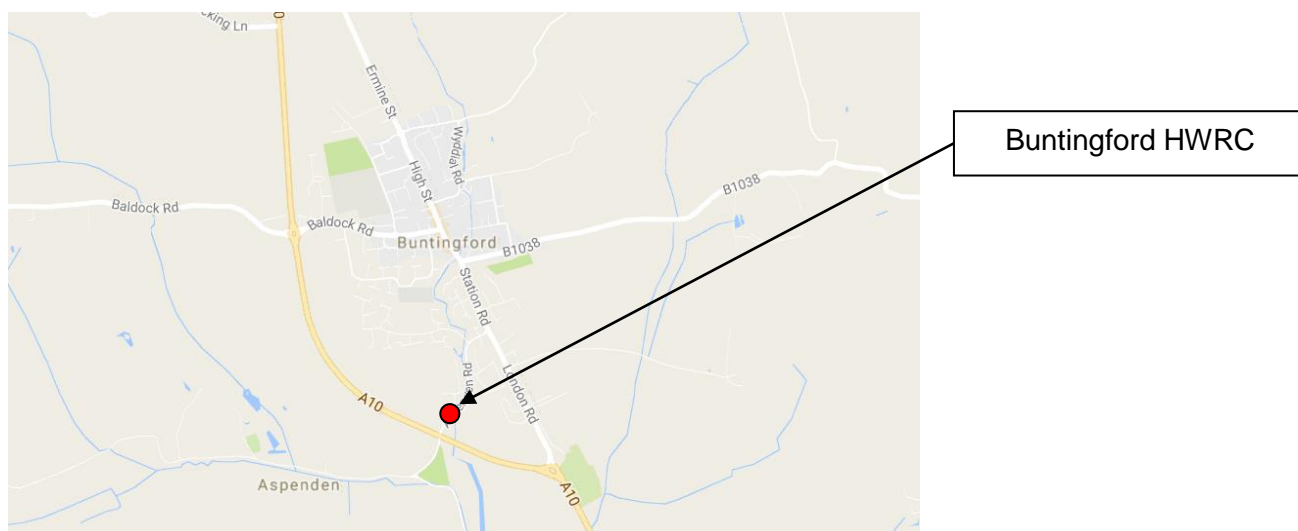


Buntingford Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Tenancy arrangements are not clear	Aspenden Road, Buntingford, Hertfordshire, SG9 9PA	All Year Monday - Friday 17.00 - 20.00 Saturday & Sunday 10.00 - 13.00

- 1.1 The Buntingford HWRC is located on Aspenden Road on the edge of an industrial estate south of Buntingford. The centre is 0.03 of a hectare.
- 1.2 The centre is exceptionally small and provides a basic service. Operational movements at the centre can disrupt traffic movements on the industrial estate.

Location of Buntingford HWRC

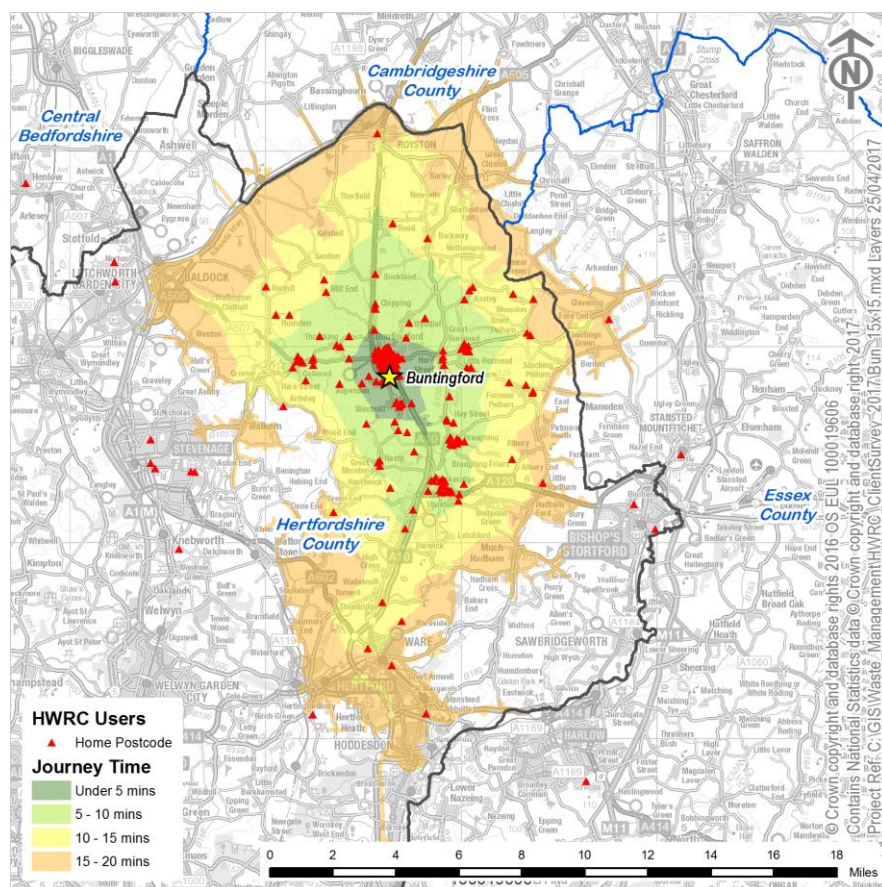


Centre photograph (2008)



Buntingford HWRC

In March 2017 a user postcode survey indicated the catchment area of the Buntingford HWRC. This map demonstrates that that centre predominantly serves Buntingford. The majority of service users are Hertfordshire residents, 1.5% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 10 minute journey time of the centre with a high percentage of users traveling five minutes to the centre.

Journey times of service users	
0-5 mins	66%
5-10 mins	25%
10-15 mins	4%
15-20 mins	1%
more than 20 mins	4%

Trip counter information

There is not a vehicle access point onto the centre as the centre is accessed by parking adjacent to it on the carriageway. Therefore it is not possible to install trip counters at this centre.

Projected total waste into Buntingford HWRC 2016/17 (tonnes)	810
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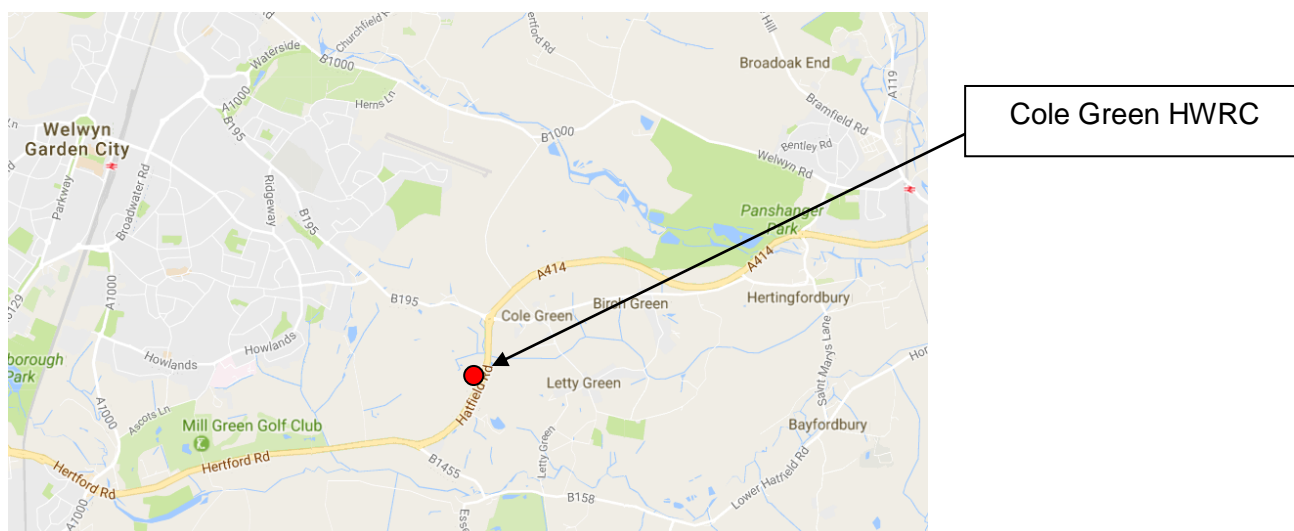
Cole Green Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Leased from Tarmac Lafarge Aggregates.	Along A414 Bypass, Hatfield, Hertfordshire, SG14 2NL	Summer: Thursday – Monday 10.00 - 18.00 Winter: Thursday – Monday 08.00 – 16.00

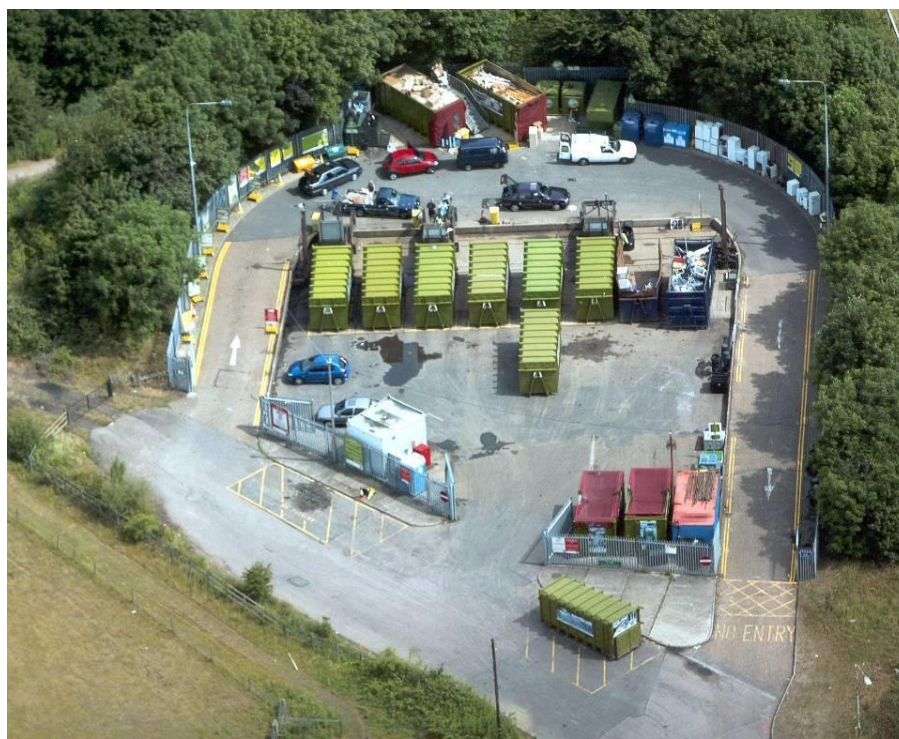
- 1.1 The Cole Green HWRC is located off of the east bound carriageway of the A414 between Hatfield and Hertford. The centre is 0.18 of a hectare.

The size and location of the centre presents a number of problems. While the best possible use of available space has been utilised, the current restrictions on layout and an inability to accommodate more than seven parking spaces suitable for unloading means that queuing traffic from the centre leads back onto the A414 with associated Health and Safety concerns.

Location of Cole Green HWRC



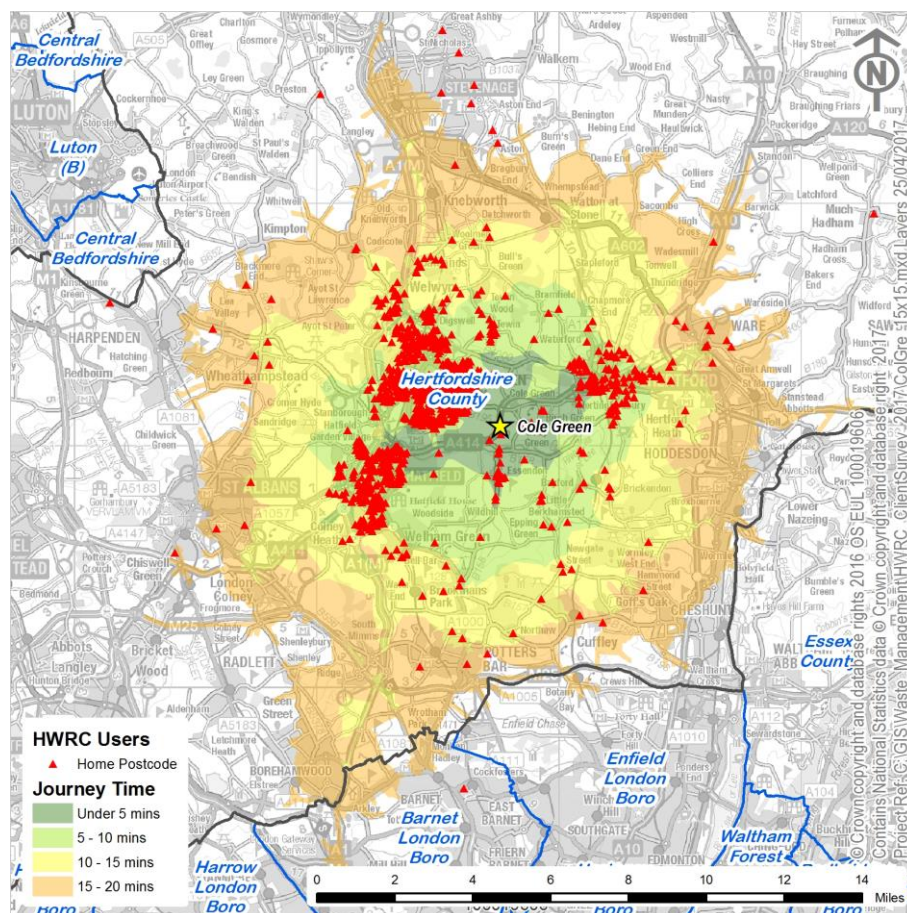
Centre photograph (Date unknown)



Cole Green HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Cole Green HWRC. This map demonstrates that the centre predominantly serves Welwyn, Hatfield and Hertford. The majority of service users are Hertfordshire residents, 0.4% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre a high percentage of service users travel five to ten minutes to use the centre.

Journey times of service users	
0-5 mins	21%
5-10 mins	63%
10-15 mins	14%
15-20 mins	2%
more than 20 mins	1%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

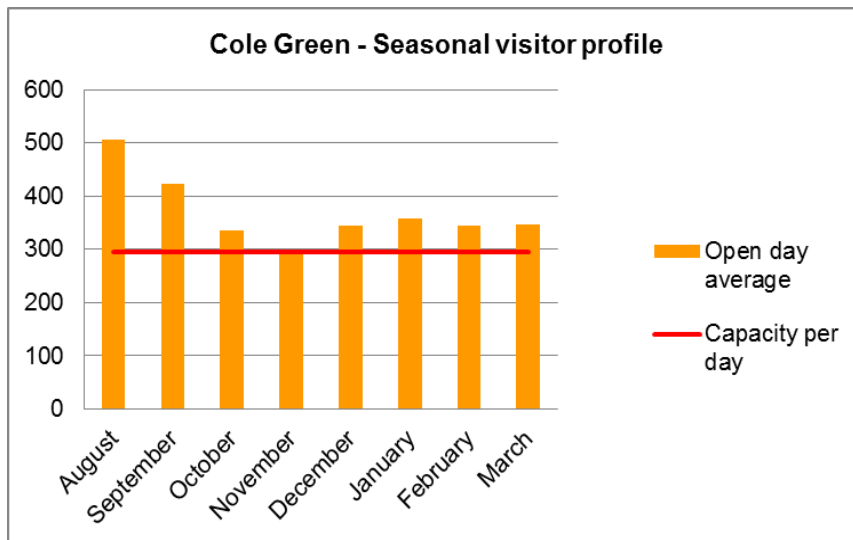
Cole Green HWRC Capacity	
7	Parking spaces
8	Hours open per day
3360	Number of minutes capacity
11.38	Average time on site
37	Number of vehicles site has capacity for per hour
295	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	453	CLOSED		555	552	510	459	506
September	349	CLOSED		462	435	437	431	423
October	315	CLOSED		352	344	316	345	334
November	240	CLOSED		295	290	296	328	290
December	295	CLOSED		396	382	310	339	344
January	294	CLOSED		373	334	407	385	359
February	300	CLOSED		330	331	363	393	343
March	251	CLOSED		371	359	356	396	346
	Indicative data							

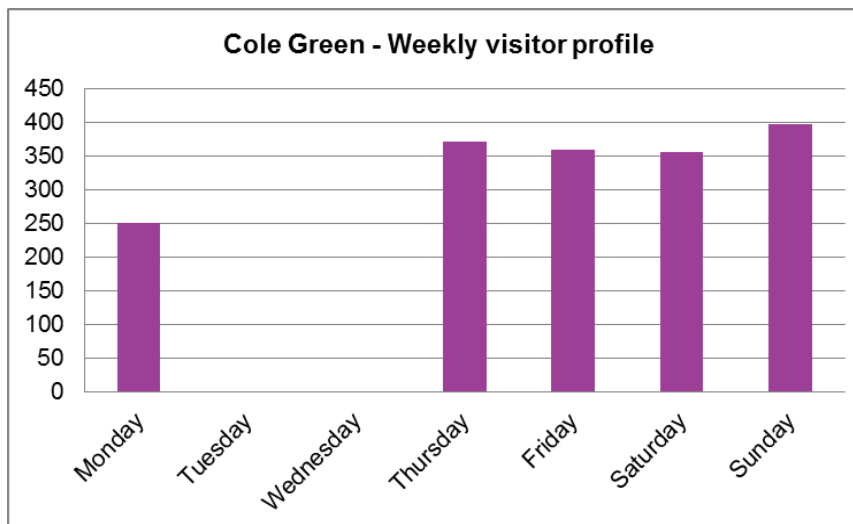
Projected number of annual visits	100,047
Projected total waste into Cole Green HWRC 2016/17 (tonnes)	3,481
Average amount of waste deposited by each service user (Kg)	35

Trip counter information

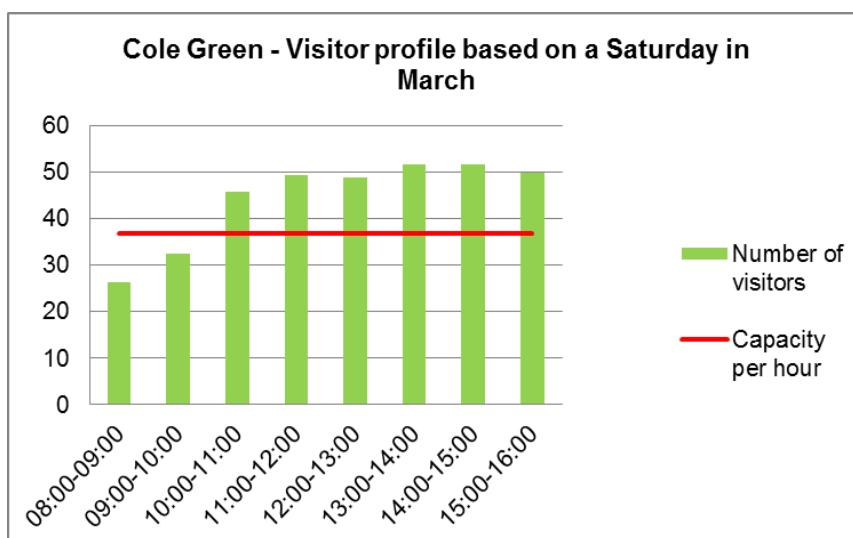
Trip counter information demonstrates that on average there is insufficient capacity at the Cole Green HWRC. The centre has daily capacity for 295 vehicles or 37 vehicles per hour. Between August and March Cole Green HWRC received a daily average of 368 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre during the latter half of the week.



The graph below demonstrates that during peak periods the centre does not have enough capacity. The centre is busiest from 11 am onwards.

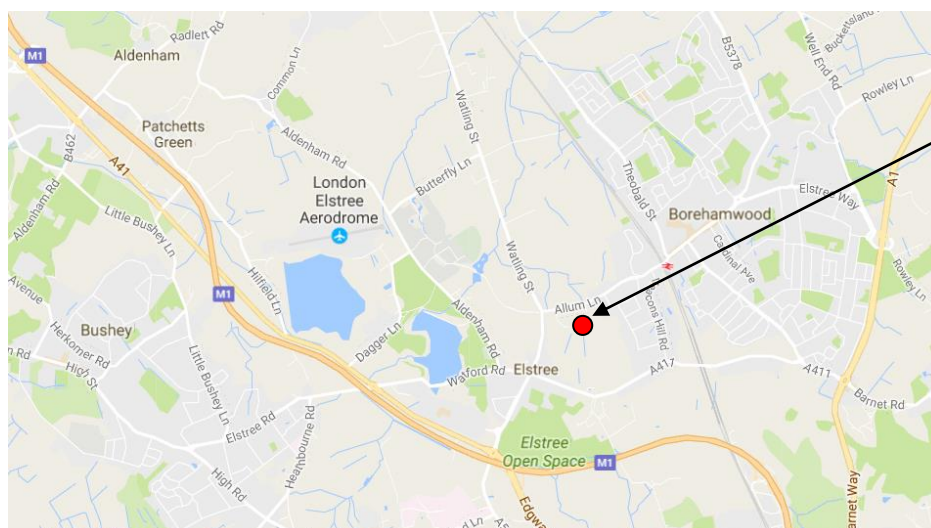


Elstree Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Owned by Hertsmere Borough Council. Operated under user rights	Radnor Hall, Allum Lane, Elstree, Hertfordshire, WD6 3LS	All Year: Thursday – Monday 08.00 - 16.00 Thursday – Monday 09.00 - 17.00

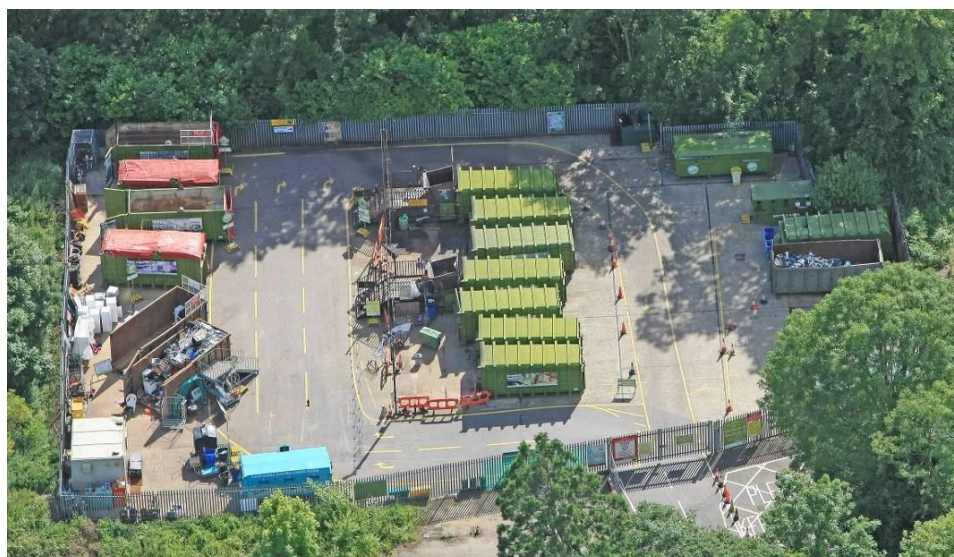
- 1.1 The Elstree HWRC is located on Allum Lane to the west of Borehamwood. It neighbours residential properties but is otherwise set in open land. The centre is 0.17 of a hectare.
- 1.2 The small size of the centre results in queuing during peak periods.

Location of Elstree HWRC



Elstree HWRC

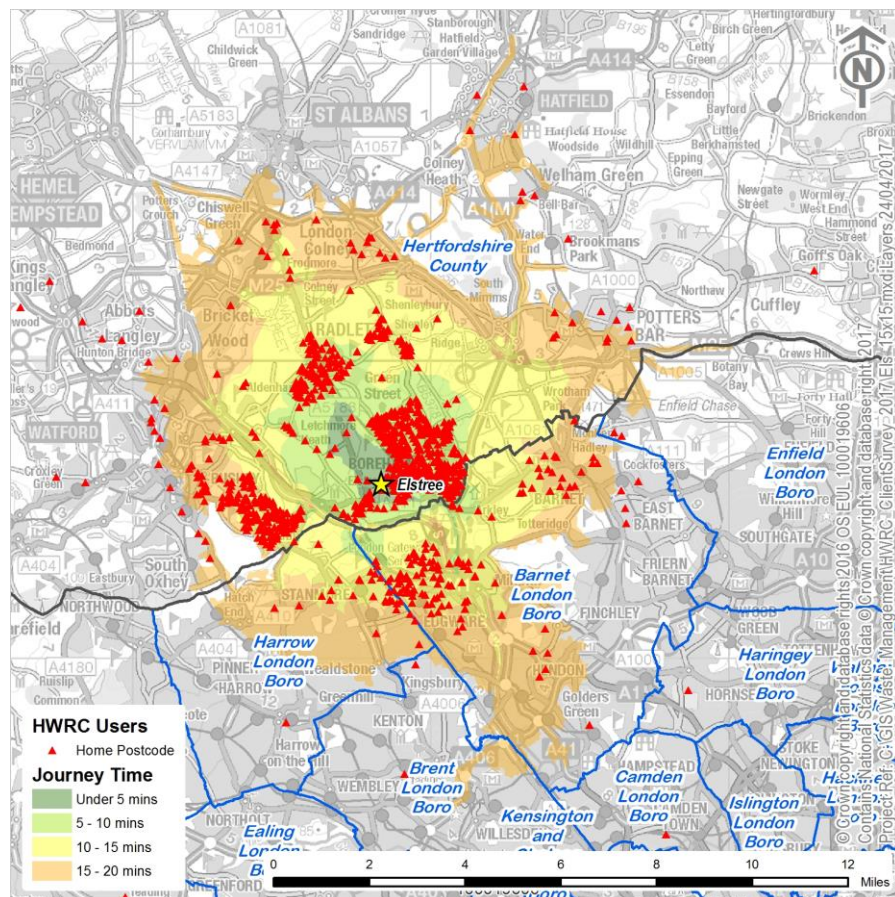
Site photograph (2008)



Elstree HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Elstree HWRC. This map demonstrates that that centre serves a wide catchment area that includes Borehamwood, Elstree, Bushey and the surrounding area. The majority of service users are Hertfordshire residents, 12.5% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre with a high percentage of users traveling ten to fifteen minutes to use the centre.

Journey times of service users	
0-5 mins	13%
5-10 mins	50%
10-15 mins	25%
15-20 mins	10%
more than 20 mins	3%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

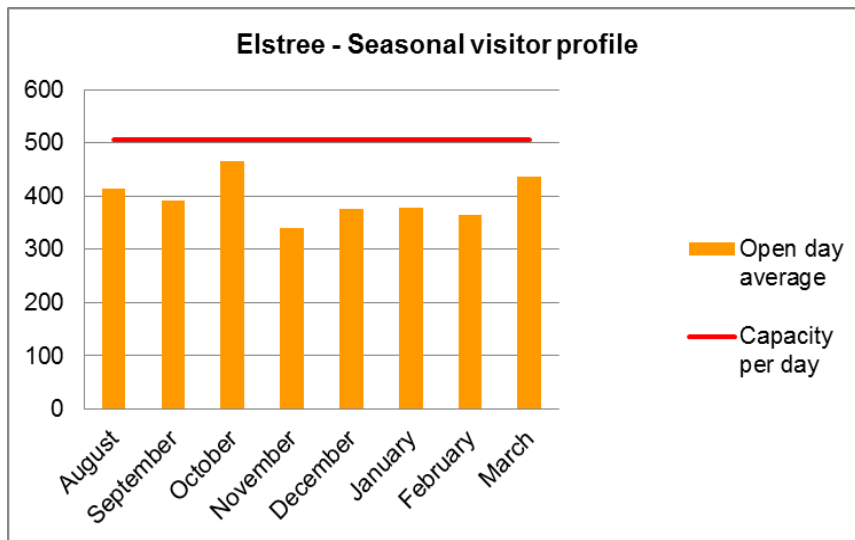
Elstree HWRC Capacity	
12	Parking spaces
8	Hours open per day
5760	Number of minutes capacity
11.38	Average time on site
63	Number of vehicles site has capacity for per hour
506	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	336	CLOSED		463	376	420	469	413
September	323	CLOSED		401	350	404	477	391
October	361	CLOSED		483	409	505	567	465
November	274	CLOSED		349	315	355	409	340
December	315	CLOSED		434	363	362	399	375
January	310	CLOSED		412	313	446	405	377
February	296	CLOSED		352	335	396	446	365
March	371	CLOSED		438	386	498	484	435
	Indicative data							

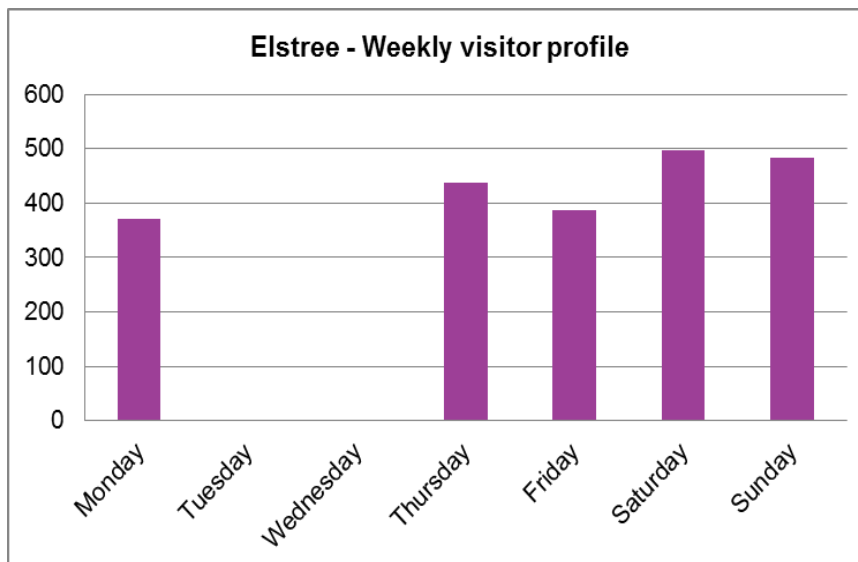
Projected number of annual visits	110,120
Projected total waste into Elstree HWRC 2016/17 (tonnes)	3,570
Average amount of waste deposited by each service user (Kg)	32

Trip counter information

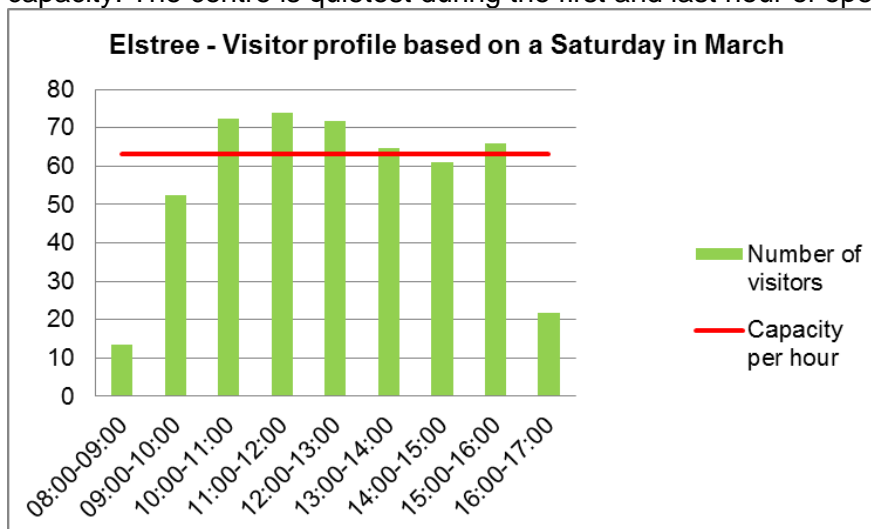
Trip counter information demonstrates that on average there is sufficient capacity at the Elstree HWRC. The centre has daily capacity for 506 vehicles or 63 vehicles per hour. Between August and March Elstree HWRC received a daily average of 395 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre at the weekend.



The graph below demonstrates that during peak periods the centre does not have enough capacity. The centre is quietest during the first and last hour of opening.

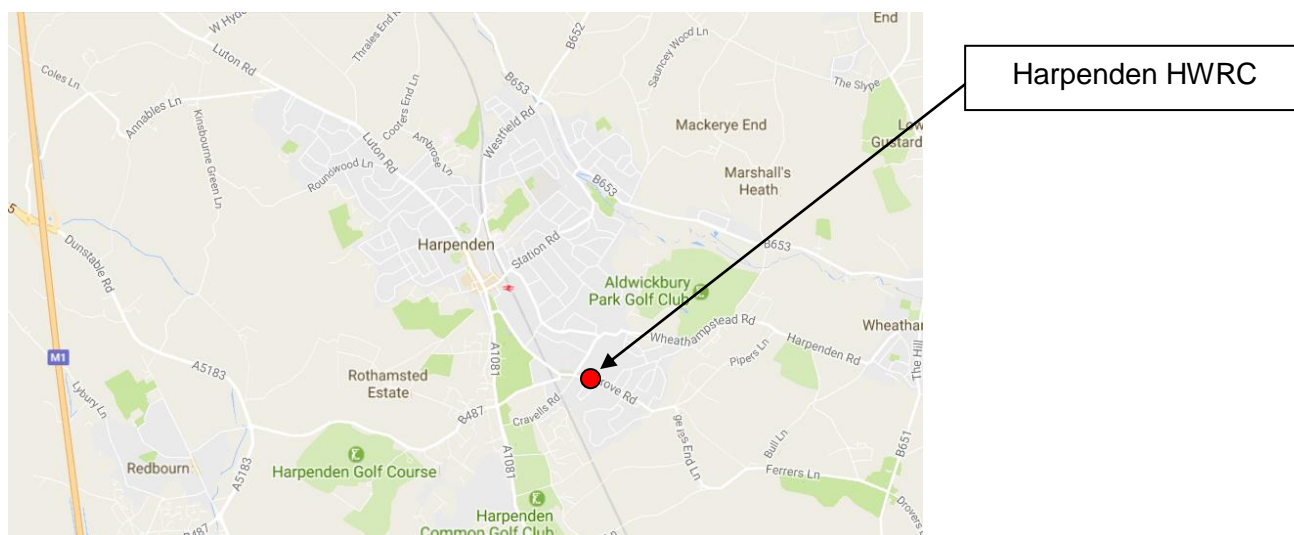


Harpenden Household Waste Recycling Centre

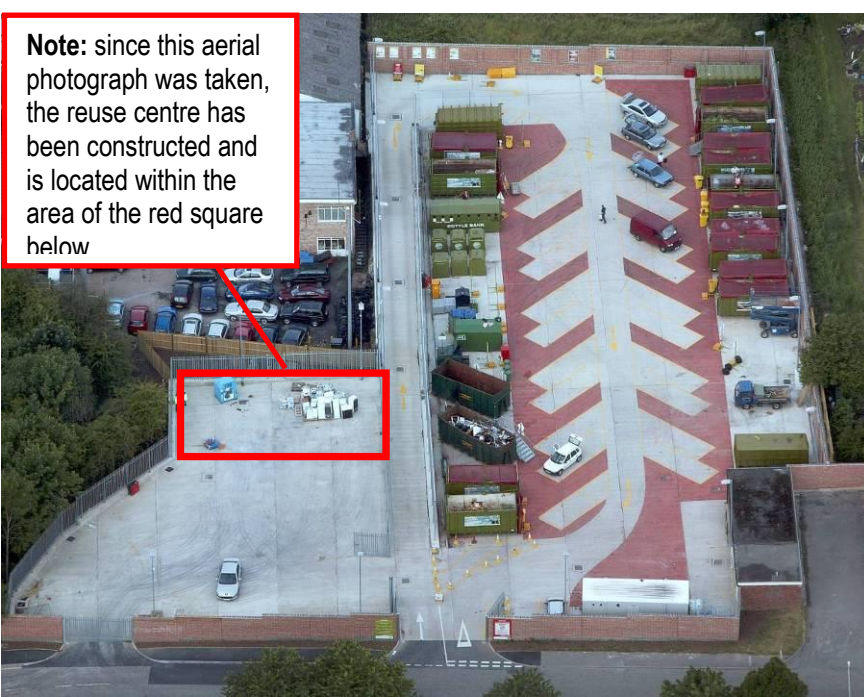
Property Ownership Details	Address	Opening Times
Freehold Owned by Hertfordshire County Council	Dark Lane, Harpenden, Hertfordshire, AL5 1QB	All Year: Saturday – Wednesday 10.00 - 18.00 Reuse Centre – All Year: Saturday – Wednesday 10.00 - 17.30

- 1.1 The Harpenden HWRC is located on Dark Lane next to an industrial area and allotments and a school in the south of Harpenden. The centre is 0.27 of a hectare.
- 1.2 The centre does not experience any specific issues and functions well during peak periods.

Location of Harpenden HWRC



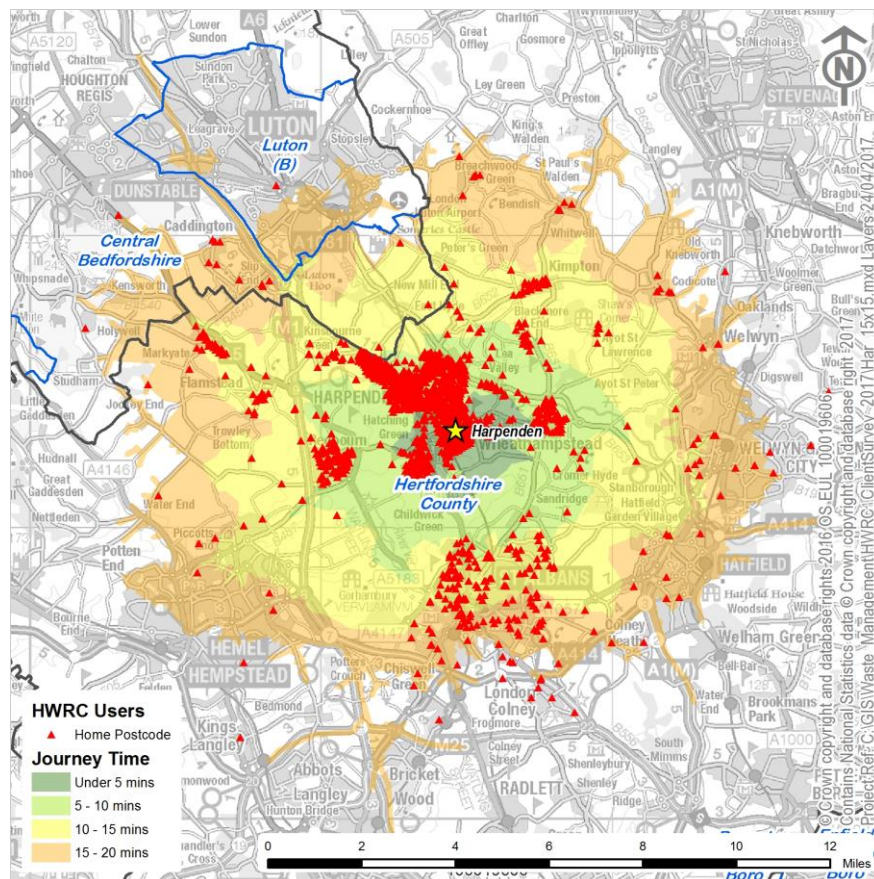
Site photograph (Date unknown)



Harpenden HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Harpenden HWRC. This map demonstrates that the centre serves a wide catchment area that includes Harpenden, Redbourn and St Albans. Despite the centres close proximity to Central Bedfordshire and Luton the majority of service users are Hertfordshire residents, 0.6% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre.

Journey times of service users	
0-5 mins	31%
5-10 mins	49%
10-15 mins	15%
15-20 mins	4%
more than 20 mins	1%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

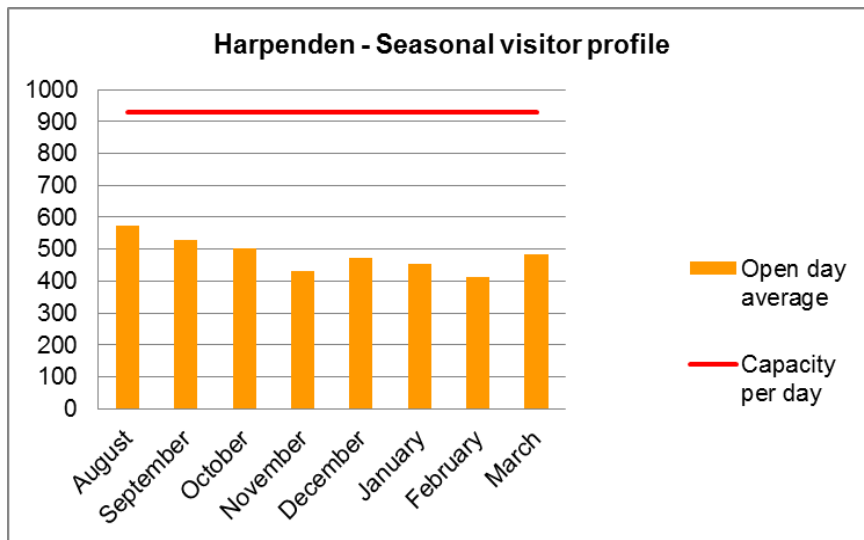
Harpenden HWRC Capacity	
22	Parking spaces
8	Hours open per day
10560	Number of minutes capacity
11.38	Average time on site
116	Number of vehicles site has capacity for per hour
928	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	476	504	585	CLOSED		709	597	574
September	408	408	500	CLOSED		644	680	528
October	425	412	445	CLOSED		652	584	504
November	321	372	393	CLOSED		557	516	432
December	354	406	466	CLOSED		605	528	472
January	338	410	408	CLOSED		618	498	455
February	342	331	331	CLOSED		551	506	412
March	386	417	391	CLOSED		684	541	484
	Indicative data							

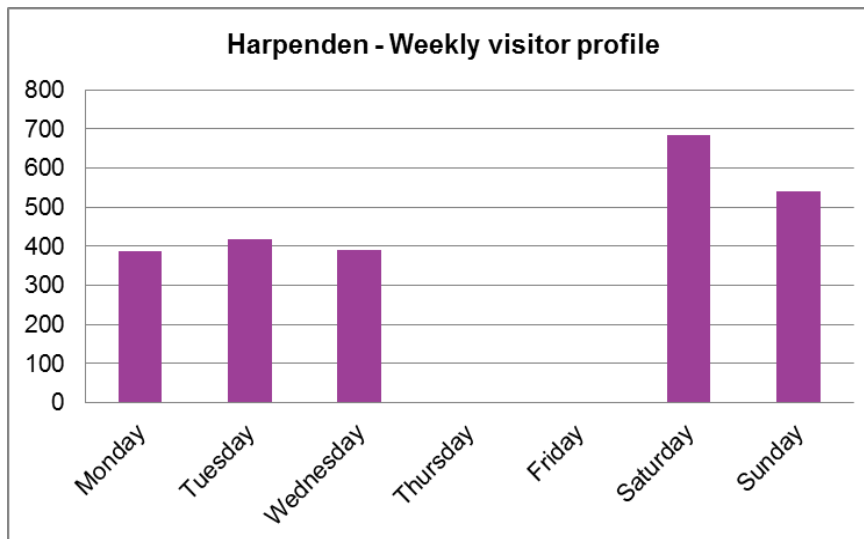
Projected number of annual visits	126,968
Projected total waste into Harpenden HWRC 2016/17 (tonnes)	4,364
Average amount of waste deposited by each service user (Kg)	38

Trip counter information

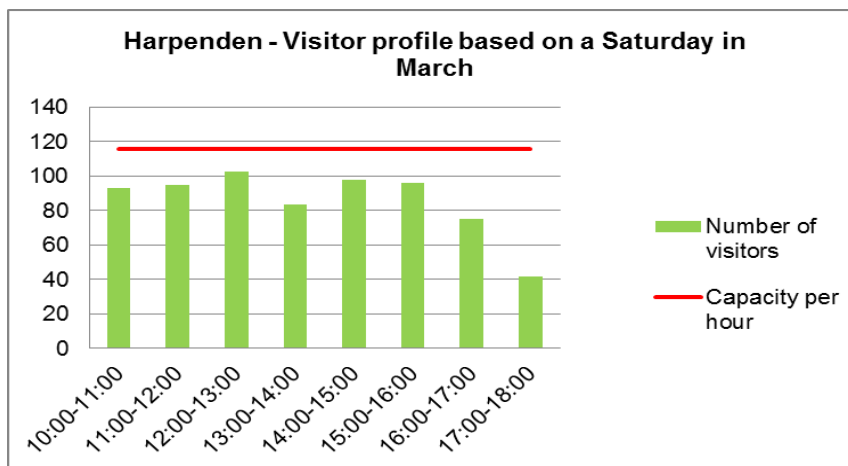
Trip counter information demonstrates that on average there is sufficient capacity at the Harpenden HWRC. The centre has daily capacity for 928 vehicles or 116 vehicles per hour. Between August and March Harpenden HWRC received a daily average of 482 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre on a Saturday.



The graph below demonstrates that the centre is least busy during the last two hours of opening.

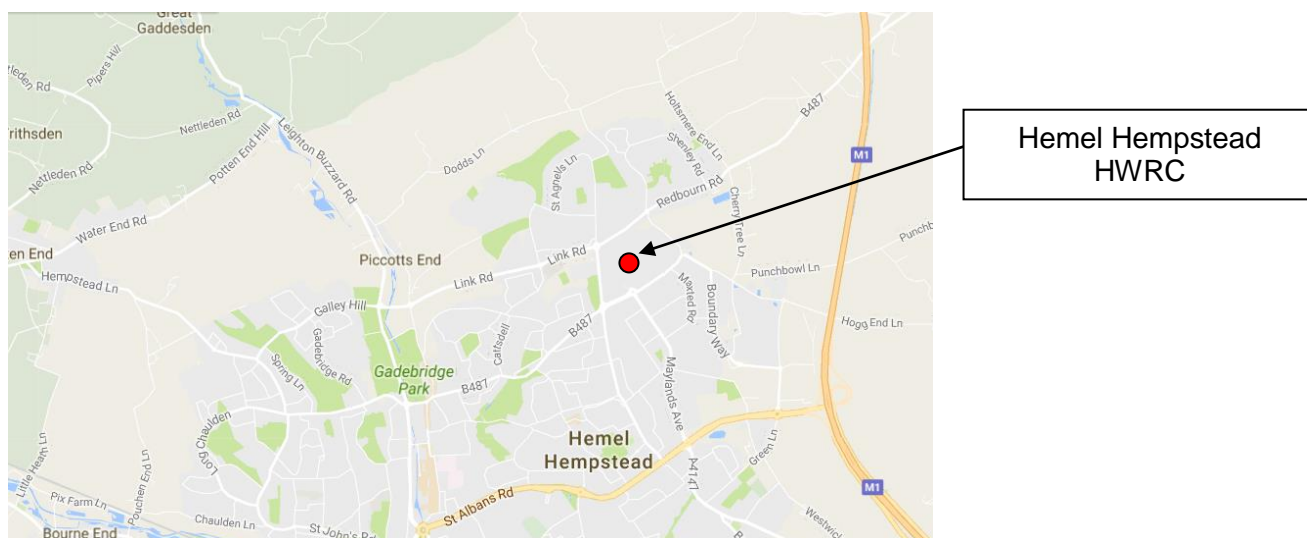


Hemel Hempstead Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Leasehold – Peppercorn Rent Owned by Dacorum Borough Council	Eastman Way, Hemel Hempstead, Hertfordshire, HP2 7DU	Summer: Thursday – Monday 10.00 - 18.00 Winter: Thursday – Monday 08.00 - 16.00

- 1.1 The Hemel Hempstead HWRC is located on Eastman Way in an industrial and business area to the north of Hemel Hempstead. The centre is 0.18 of a hectare.
- 1.2 The centre is too small to adequately deal with demand. While the best possible use of available space has been utilised the restricted size of the site means at peak times queuing occurs back onto Eastman Way.

Location of Hemel Hempstead HWRC



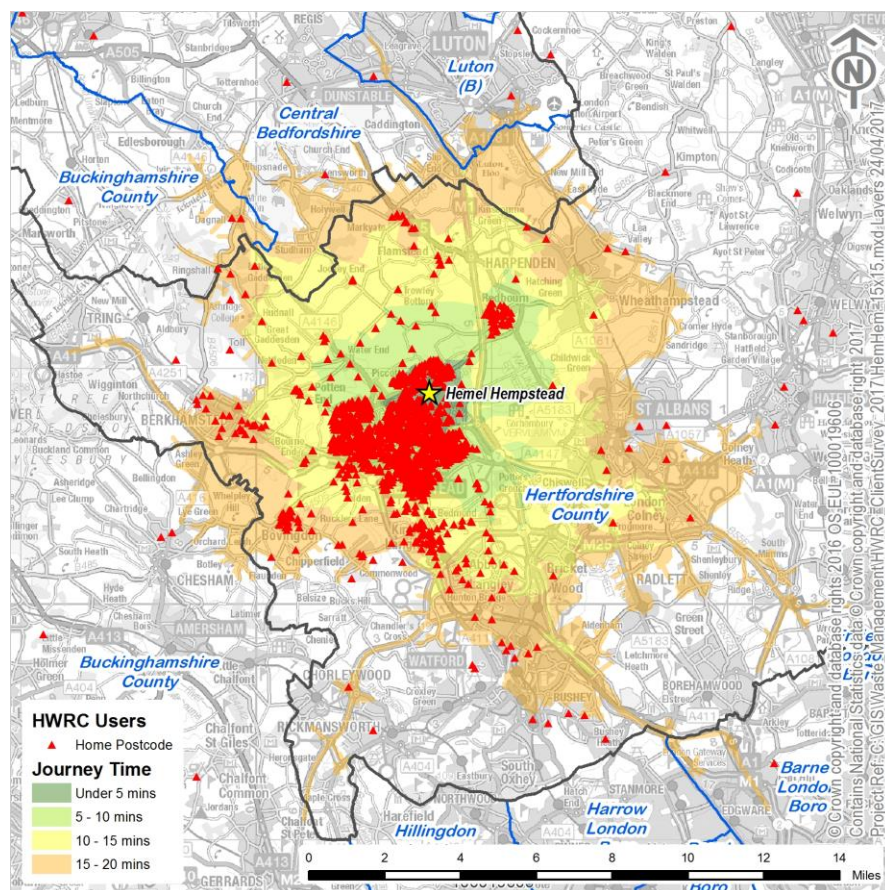
Site photograph (Date Unknown)



Hemel Hempstead HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Hemel Hempstead HWRC. This map demonstrates that that centre predominantly serves Hemel Hempstead. The majority of service users are Hertfordshire residents, 1.4% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre.

Journey times of service users	
0-5 mins	31%
5-10 mins	52%
10-15 mins	10%
15-20 mins	6%
more than 20 mins	3%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

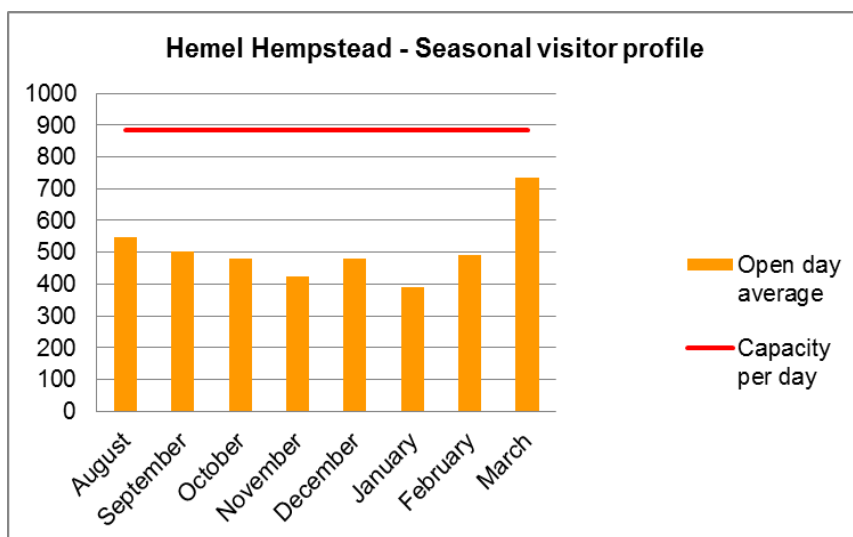
Hemel Hempstead HWRC Capacity	
21	Parking spaces
8	Hours open per day
10080	Number of minutes capacity
11.38	Average time on site
111	Number of vehicles site has capacity for per hour
886	Number of vehicles site has capacity for per day

Month	Average Number of Visitors							Open Day Average
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
August	462	CLOSED		680	534	535	518	546
September	433	CLOSED		592	462	486	532	501
October	449	CLOSED		522	429	478	516	479
November	365	CLOSED		456	372	464	471	426
December	401	CLOSED		555	485	468	498	481
January	278	CLOSED		461	360	423	429	390
February	477	CLOSED		446	467	542	526	491
March	603	CLOSED		846	665	830	724	734
	Indicative data							

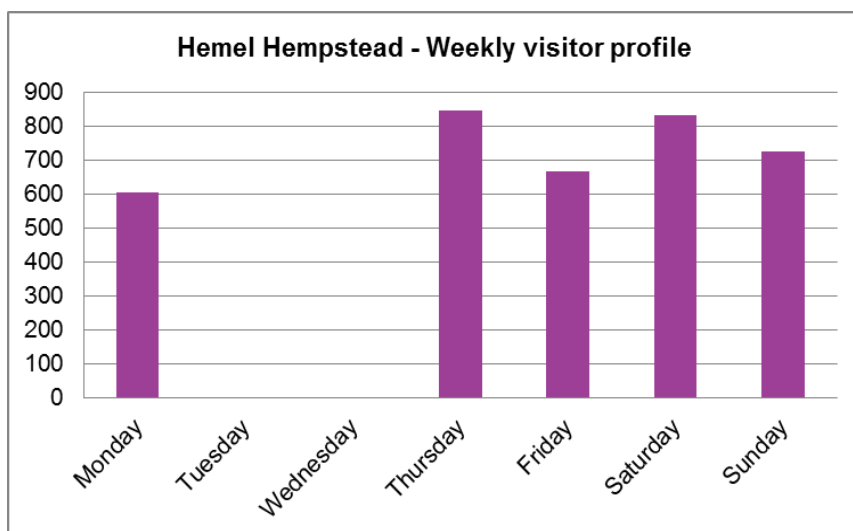
Projected number of annual visits	148,053
Projected total waste into Hemel Hempstead HWRC 2016/17 (tonnes)	5,688
Average amount of waste deposited by each service user (Kg)	38

Trip counter information – this information is indicative only due to errors with the trip counter

Trip counter information demonstrates that on average there is sufficient capacity at the Hemel Hempstead HWRC. The centre has daily capacity for 886 vehicles or 111 vehicles per hour. Between August and March Hemel Hempstead HWRC received a daily average of 466 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre on a Thursday and Saturday.



Due to inaccurate information an hourly visitor profile has not been provided.

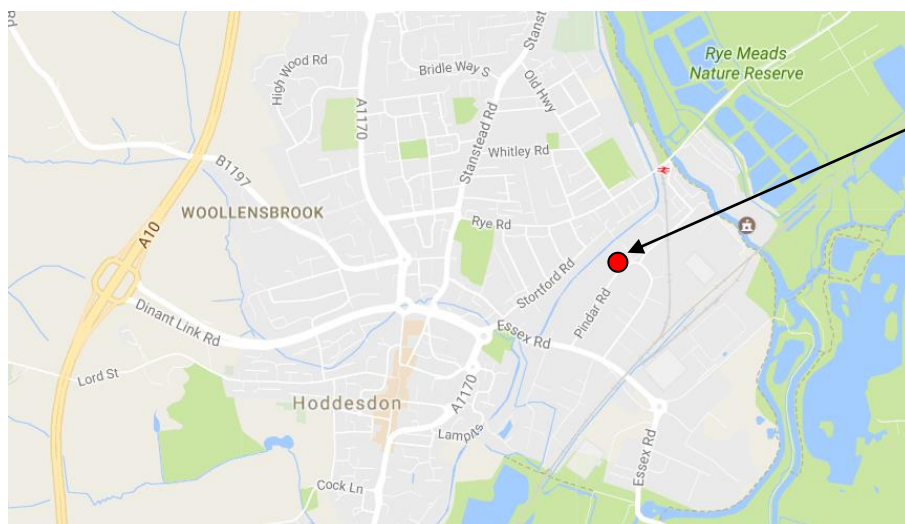
Hoddesdon Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Owned by Broxbourne Borough Council No formal tenancy arrangements	Pindar Road, Hoddesdon, Hertfordshire, EN11 0BZ	All Year: Thursday – Monday 10.00 - 18.00

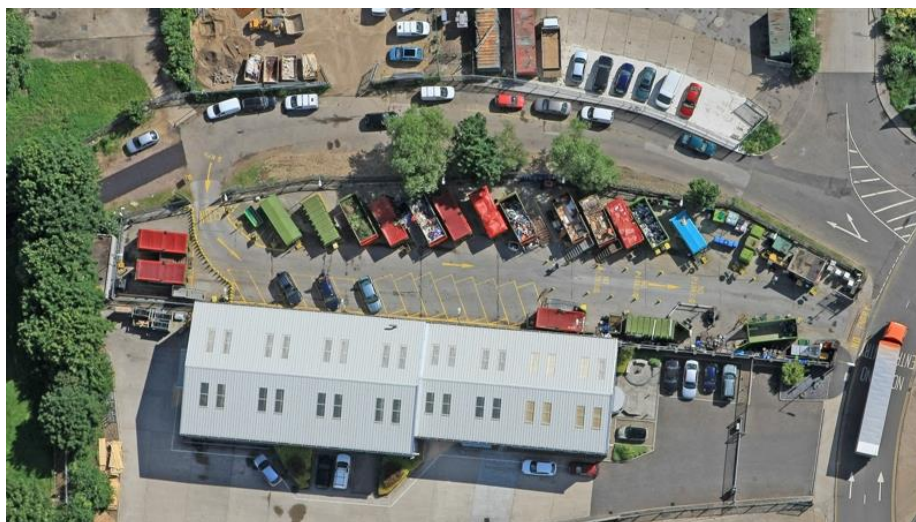
1.1 The Hoddesdon HWRC is located on Pindar Road in an industrial estate area to the east of Hoddesdon town centre. The centre is 0.15 of a hectare.

1.2 The size of the centre presents a number of problems as the centre is smaller than desired. Its narrow shape also makes operations within the centre difficult. While the best possible use of available space has been utilised, the current restrictions on layout and an inability to accommodate more than nine parking spaces suitable for unloading means that queuing occurs at peak periods.

Location of Hoddesdon HWRC



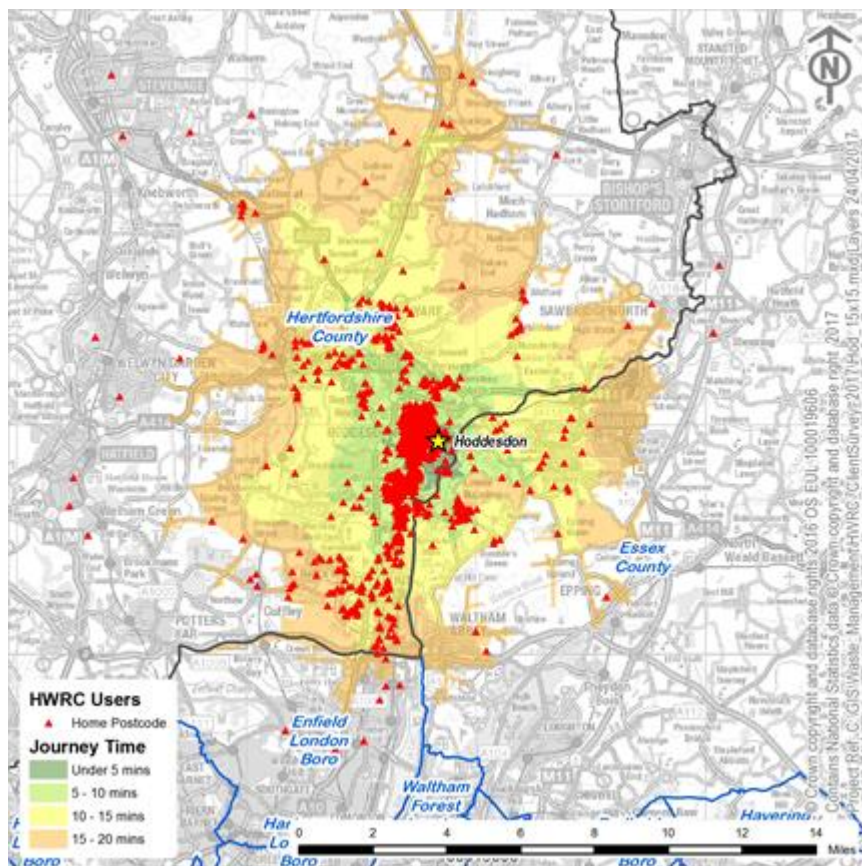
Centre photograph (2008)



Hoddesdon HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Hoddesdon HWRC. This confirmed that the majority of service users are from the Hoddesdon and Broxbourne areas. The majority of service users are Hertfordshire residents, although 8.5% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 10 minute journey time of the centre.

Journey times of service users	
0-5 mins	34%
5-10 mins	50%
10-15 mins	10%
15-20 mins	4%
more than 20 mins	2%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

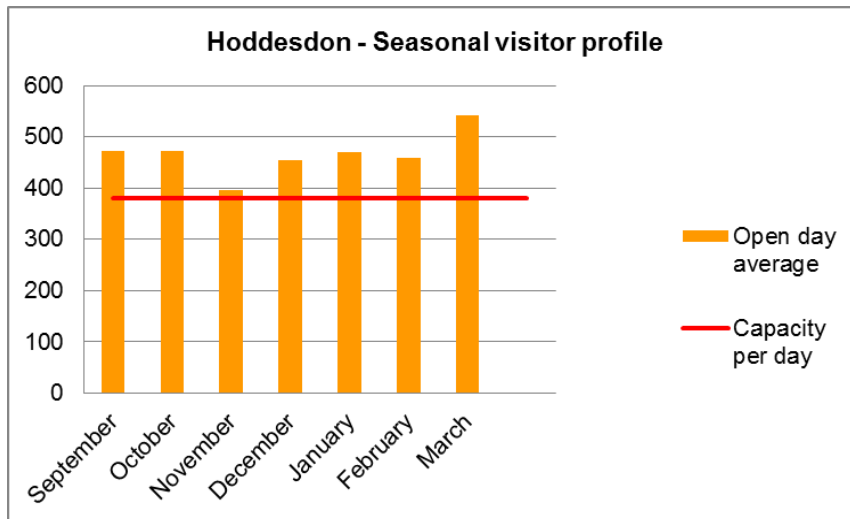
	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	89	CLOSED		98	100	105	122	103
September	397	CLOSED		522	416	460	563	472
October	403	CLOSED		477	498	474	515	473
November	298	CLOSED		393	400	430	462	397
December	319	CLOSED		517	509	461	460	453
January	368	CLOSED		479	423	533	548	470
February	340	CLOSED		438	467	504	546	459
March	432	CLOSED		543	553	619	559	541
	Indicative data							

Hoddesdon HWRC Capacity	
9	Parking spaces
8	Hours open per day
4320	Number of minutes capacity
11.38	Average time on site
47	Number of vehicles site has capacity for per hour
380	Number of vehicles site has capacity for per day

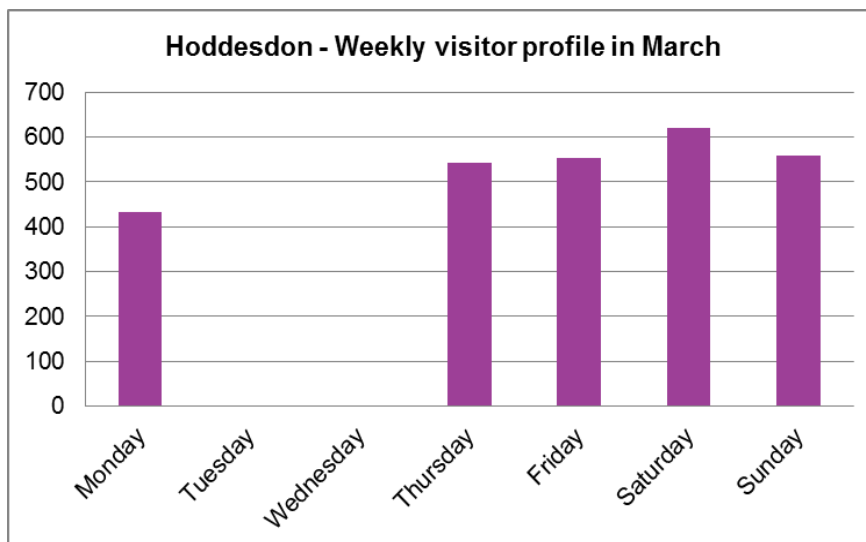
Projected number of annual visits	125,355
Projected total waste into Hoddesdon HWRC 2016/17 (tonnes)	2,506
Average amount of waste deposited by each service user (Kg)	20

Trip counter information

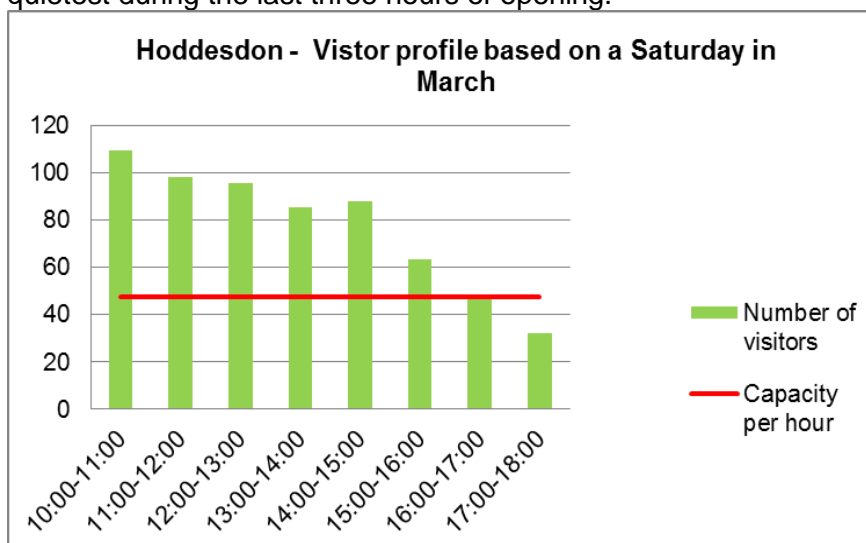
Trip counter information demonstrates that on average there is insufficient capacity at the Hoddesdon HWRC. The centre has daily capacity for 380 vehicles or 47 vehicles per hour. Between September and March Hoddesdon HWRC received a daily average of 466 vehicles, this equated to 19% more visits than the centre has capacity for. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre during the latter half of the week.



The graph below demonstrates that the centre does not have enough capacity. The centre is quietest during the last three hours of opening.

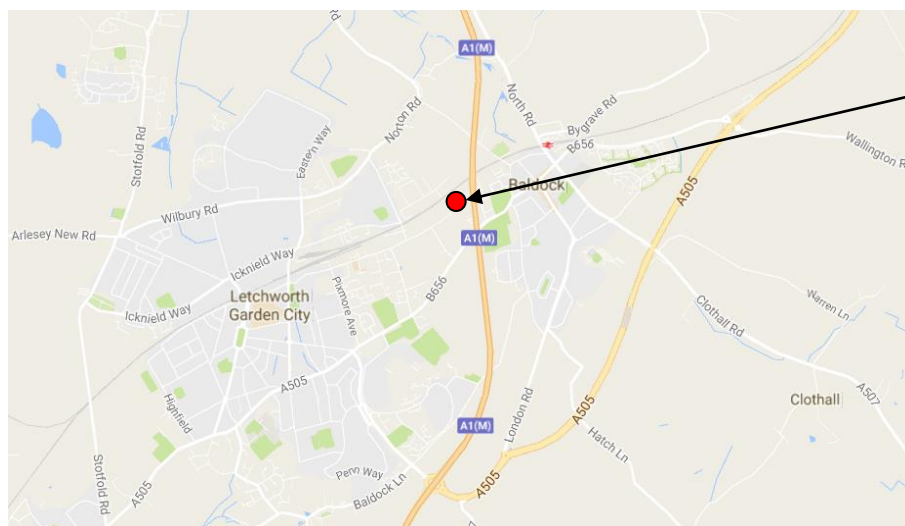


Letchworth Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Owned by North Herts District Council	Blackhorse Road, Letchworth, Hertfordshire, SG6 1HB	All Year: Thursday – Monday 10.00 - 18.00

- 1.1 The Letchworth HWRC is located on Blackhorse Road in an industrial estate area to the northeast of Letchworth. The centre is 0.25 of a hectare.
- 1.2 The centre is too small to adequately deal with demand. While the best possible use of available space has been utilised the restricted size of the site means at peak times queuing occurs back onto Blackhorse Road and disrupts business activity.

Location of Letchworth HWRC



Letchworth HWRC

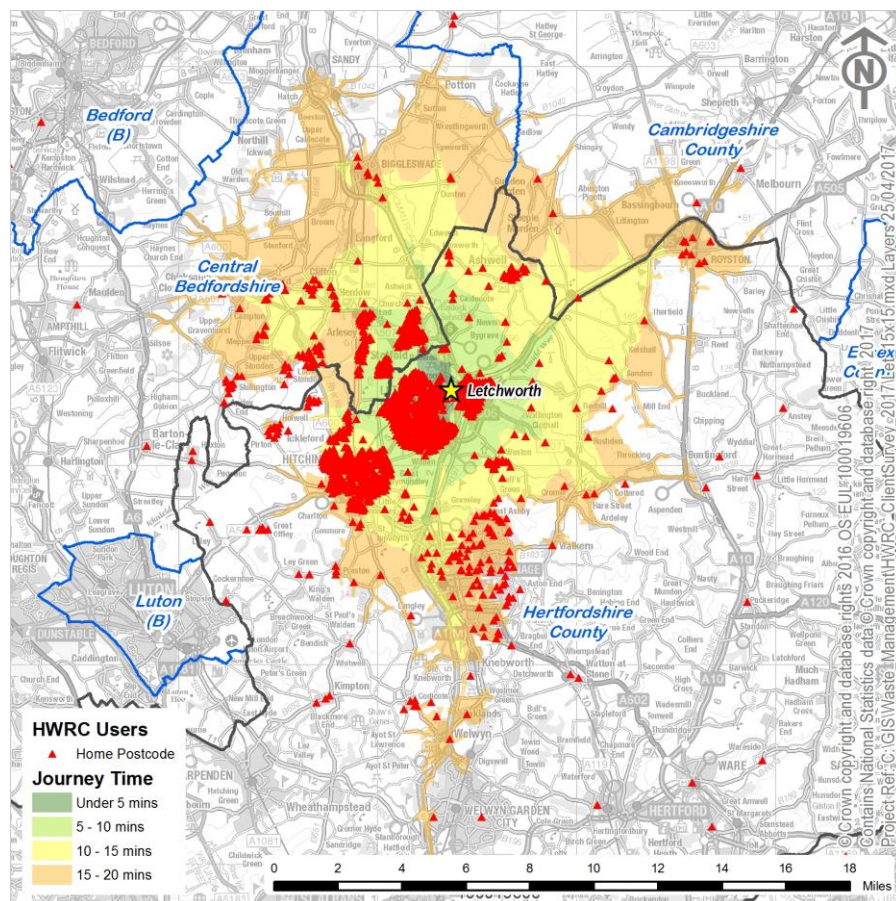
Centre Photograph (2008)



Letchworth HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Letchworth HWRC. This map demonstrates that that centre serves a wide catchment area that includes Letchworth and Baldock. It also attracts users from Stevenage. The majority of service users are Hertfordshire residents, 16.2% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre with a high percentage of service users traveling ten to fifteen minutes to use the centre.

Journey times of service users	
0-5 mins	24%
5-10 mins	44%
10-15 mins	23%
15-20 mins	7%
more than 20 mins	2%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

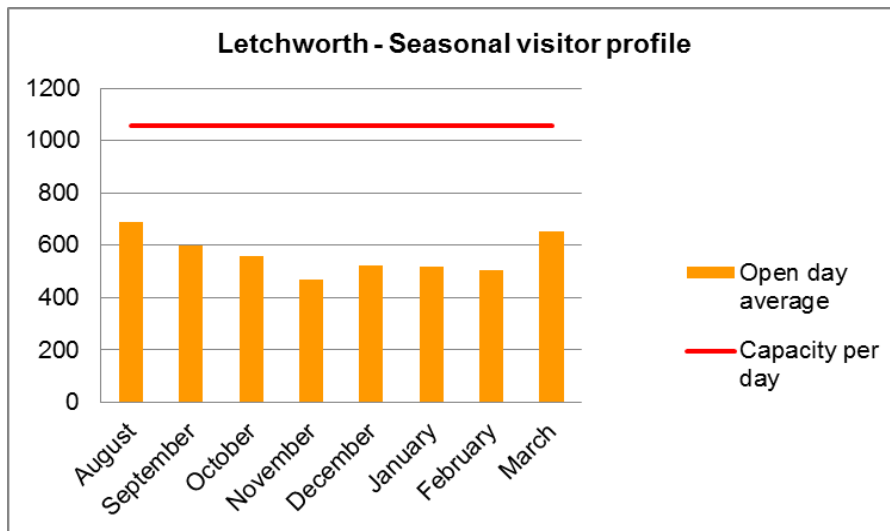
Letchworth HWRC Capacity	
25	Parking spaces
8	Hours open per day
12000	Number of minutes capacity
11.38	Average time on site
132	Number of vehicles site has capacity for per hour
1054	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	565	CLOSED		909	662	637	674	689
September	485	CLOSED		677	546	580	707	599
October	491	CLOSED		576	504	573	637	556
November	374	CLOSED		464	458	500	555	470
December	399	CLOSED		689	558	439	534	524
January	366	CLOSED		508	406	680	627	517
February	422	CLOSED		447	461	580	615	505
March	500	CLOSED		679	572	798	719	653
	Indicative data							

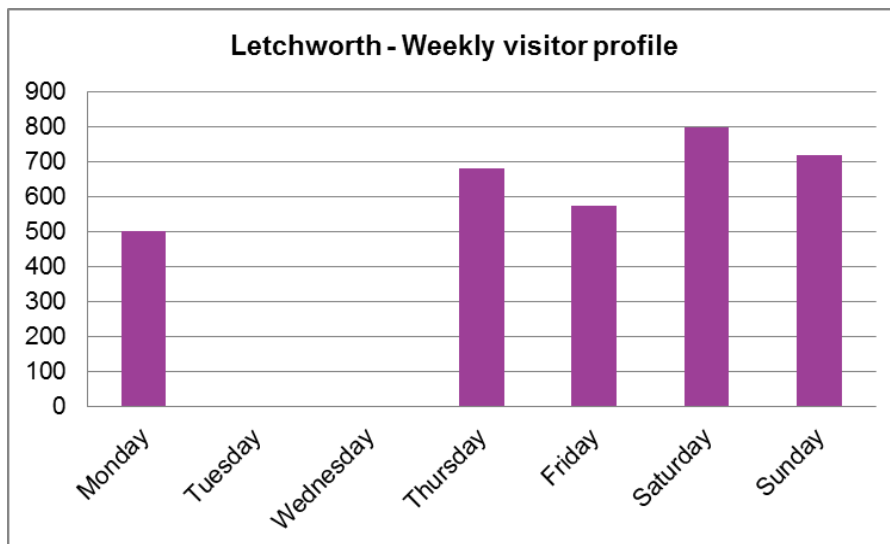
Projected number of annual visits	152,017
Projected total waste into Letchworth HWRC 2016/17 (tonnes)	6,702
Average amount of waste deposited by each service user (Kg)	44

Trip counter information

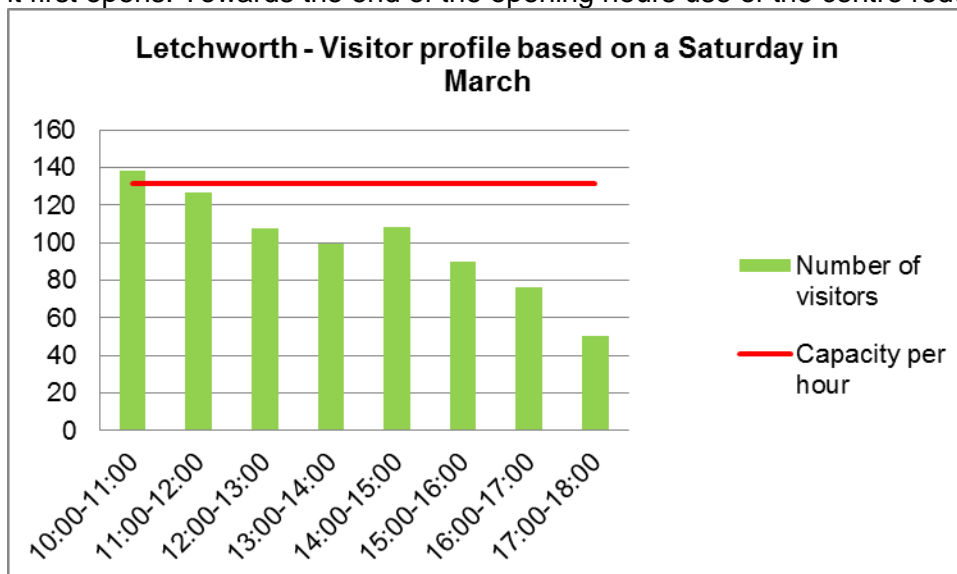
Trip counter information demonstrates that on average there is sufficient capacity at the Letchworth HWRC. The centre has daily capacity for 1054 vehicles or 132 vehicles per hour. Between August and March Letchworth HWRC received a daily average of 564 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre during the latter half of the week.



The graph below identifies that the majority of service users choose to visit the centre when it first opens. Towards the end of the opening hours use of the centre reduces.

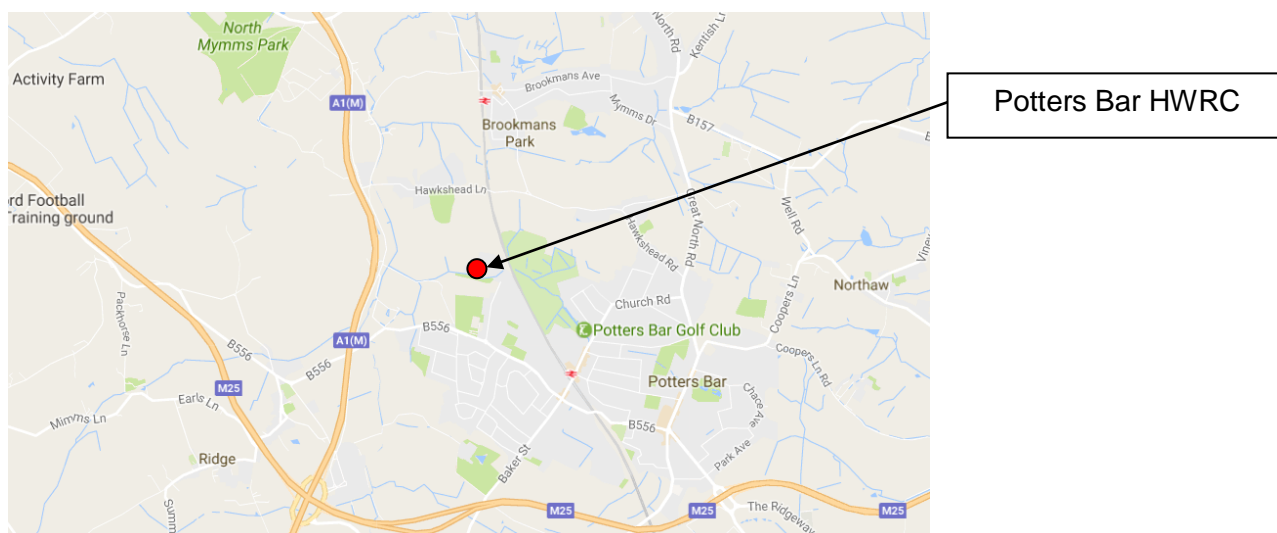


Potters Bar Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
<p>Owned by Hertsmere Borough Council</p> <p>Leased – Commenced 21/9/90 – 25 years</p> <p>Peppercorn Rent (£1/annum)</p>	<p>Cranbourne Road, Potters Bar, Hertfordshire, EN6 3JE</p>	<p>Summer: Saturday – Wednesday 10.00 - 18.00</p> <p>Winter: Saturday – Wednesday 08.00 - 16.00</p>

- 1.1 The Potters Bar HWRC is located on Cranbourne Road an industrial estate north east of Potters Bar. The centre is 0.18 of a hectare.
- 1.2 The centre does not experience any specific issues and functions well during peak periods.

Location of Potters Bar HWRC



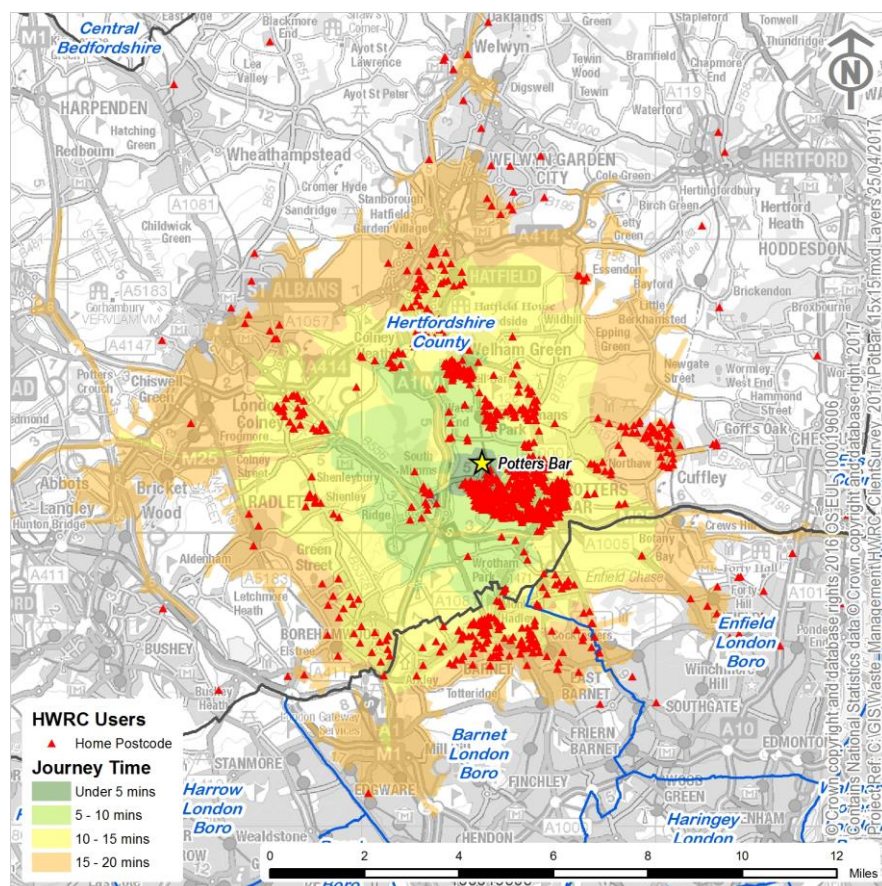
Centre Photograph (2008)



Potters Bar HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Potters Bar HWRC. This map demonstrates that that centre serves a wide catchment area and predominantly serves Potters Bar and Welham Green. The majority of service users are Hertfordshire residents, 11.4% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre with a high percentage of service users traveling ten to fifteen minutes to the centre.

Journey times of service users	
0-5 mins	18%
5-10 mins	40%
10-15 mins	28%
15-20 mins	10%
more than 20 mins	3%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

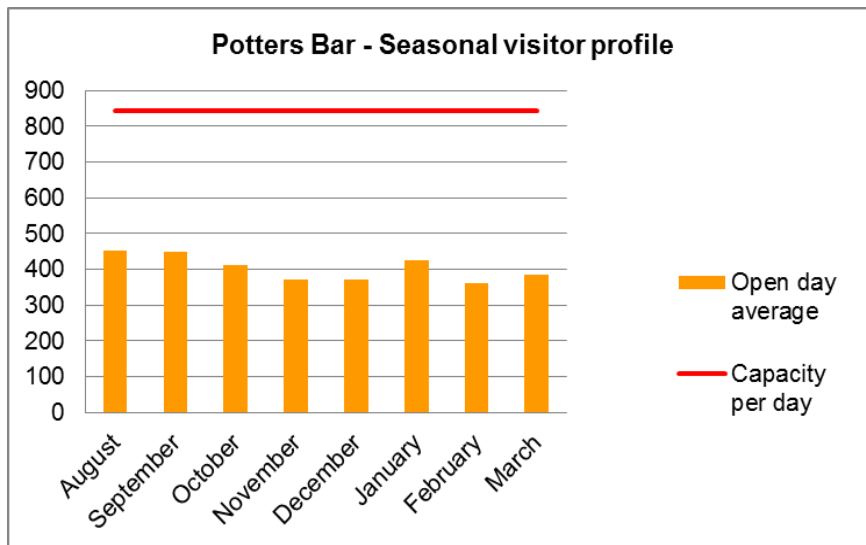
Potters Bar HWRC Capacity	
20	Parking spaces
8	Hours open per day
9600	Number of minutes capacity
11.38	Average time on site
105	Number of vehicles site has capacity for per hour
844	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	424	394	408	CLOSED		536	506	454
September	382	353	373	CLOSED		577	557	449
October	339	344	363	CLOSED		506	501	411
November	312	300	335	CLOSED		456	449	370
December	325	294	322	CLOSED		477	447	373
January	275	340	407	CLOSED		603	506	426
February	325	293	316	CLOSED		440	440	363
March	339	360	296	CLOSED		496	439	386
	Indicative data							

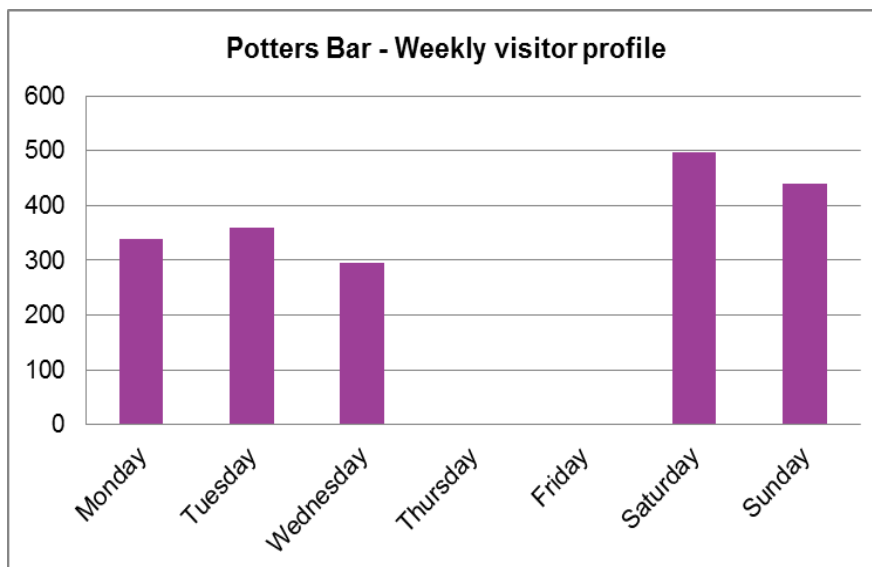
Projected number of annual visits	108,034
Projected total waste into Potters Bar HWRC 2016/17 (tonnes)	4,151
Average amount of waste deposited by each service user (Kg)	38

Trip counter information

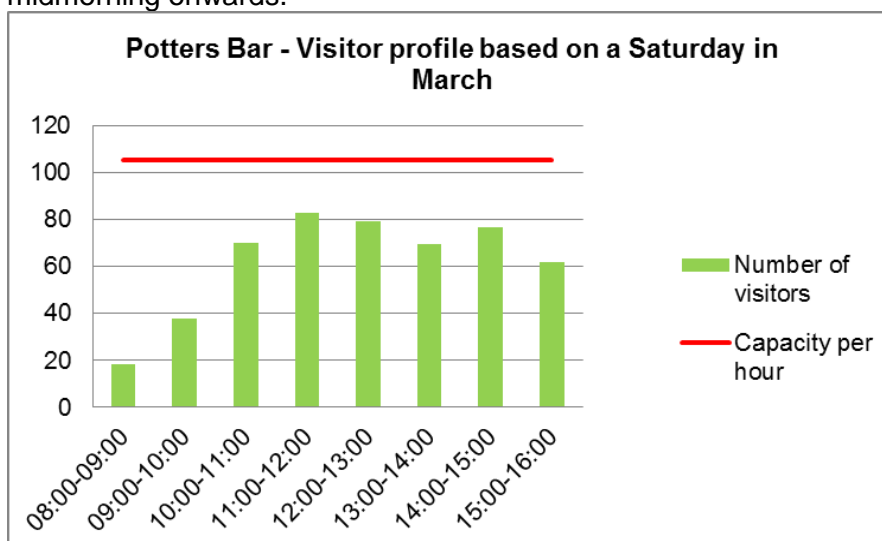
Trip counter information demonstrates that on average there is sufficient capacity at the Potters Bar HWRC. The centre has daily capacity for 844 vehicles or 105 vehicles per hour. Between August and March Potters Bar HWRC received a daily average of 404 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre at the weekend.



The graph below identifies that the majority of service users choose to visit the centre from midmorning onwards.

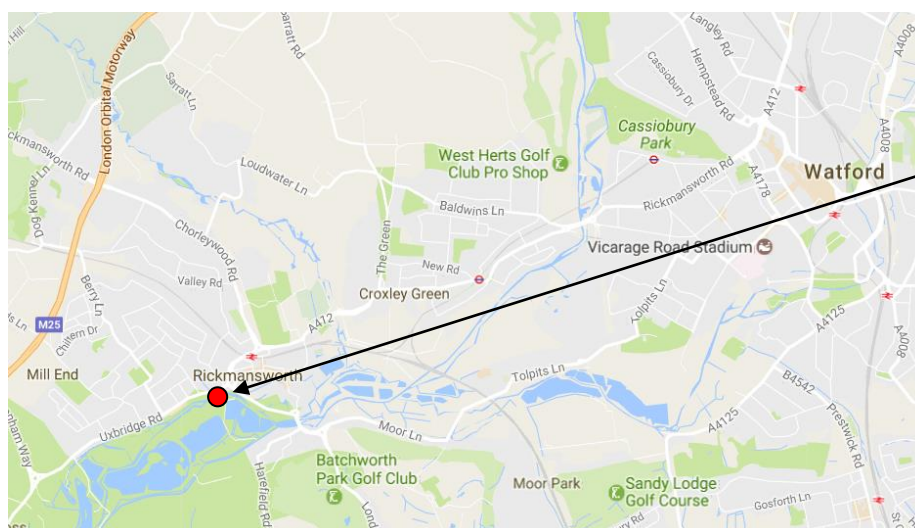


Rickmansworth Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Freehold Owned by Hertfordshire County Council	Riverside Drive, Rickmansworth, Hertfordshire, WD3 1BN	All Year: Thursday – Monday 10.00 - 18.00

- 1.1 The Rickmansworth HWRC is located on Riverside Drive to the southeast of Rickmansworth. The centre is 0.3 of a hectare.
- 1.2 The centre does not experience any specific issues and functions well during peak periods.

Location of Rickmansworth HWRC



Rickmansworth
HWRC

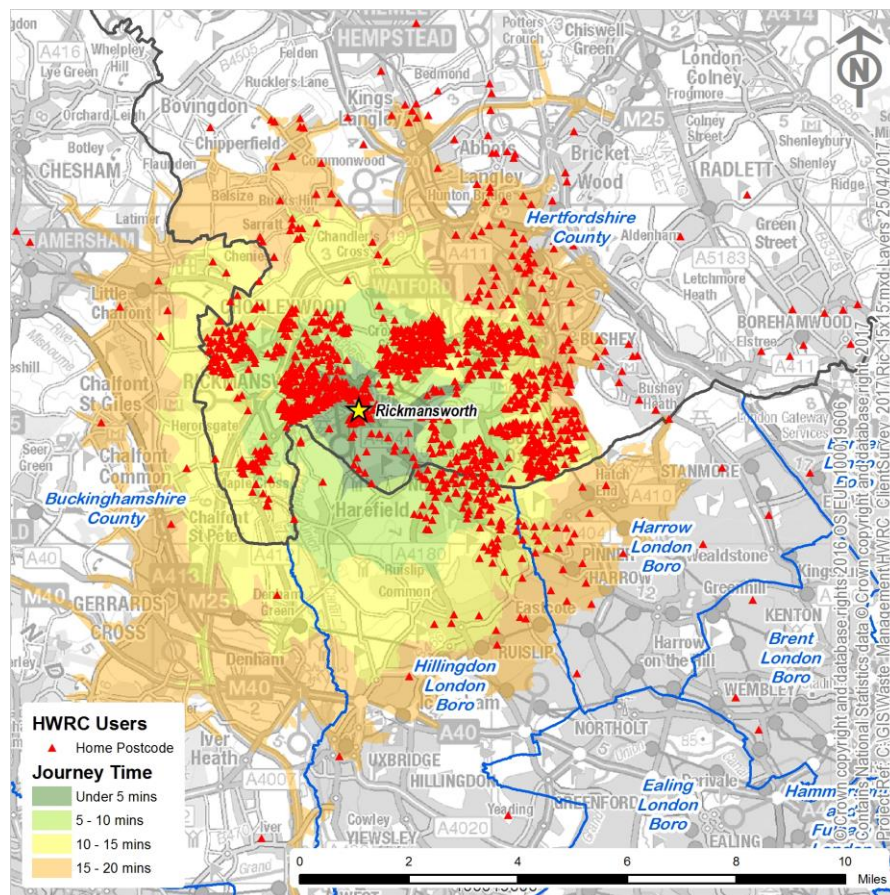
Centre photograph (2008)



Rickmansworth HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Rickmansworth HWRC. This map demonstrates that the centre serves a wide catchment area in the southwest corner of the county. The majority of service users are Hertfordshire residents, 6.7% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the site.

Journey times of service users	
0-5 mins	14%
5-10 mins	48%
10-15 mins	27%
15-20 mins	8%
more than 20 mins	3%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

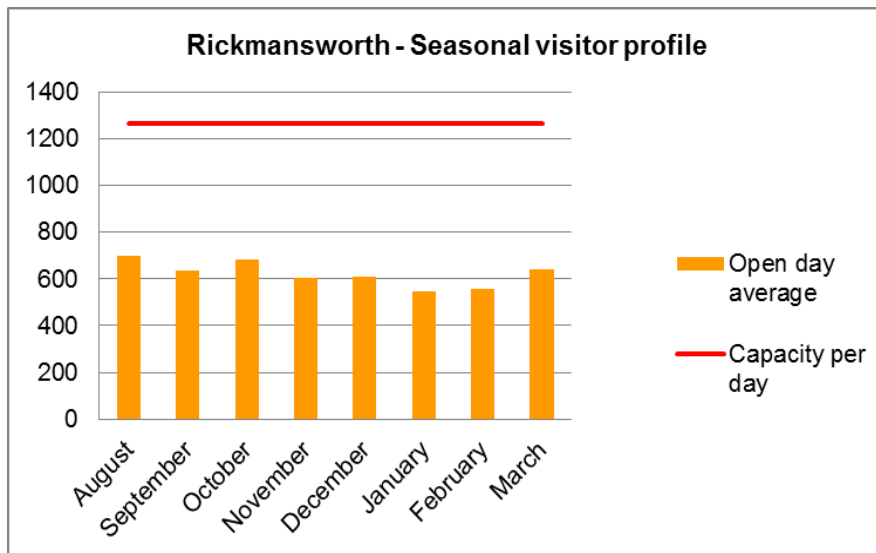
Rickmansworth HWRC Capacity	
30	Parking spaces
8	Hours open per day
14400	Number of minutes capacity
11.38	Average time on site
158	Number of vehicles site has capacity for per hour
1265	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	637	CLOSED		775	643	719	710	697
September	533	CLOSED		692	566	668	715	635
October	625	CLOSED		645	594	767	792	685
November	498	CLOSED		608	491	692	720	602
December	485	CLOSED		674	611	596	675	608
January	468	CLOSED		542	446	659	628	548
February	477	CLOSED		504	499	642	653	555
March	575	CLOSED		633	567	774	650	640
	Indicative data							

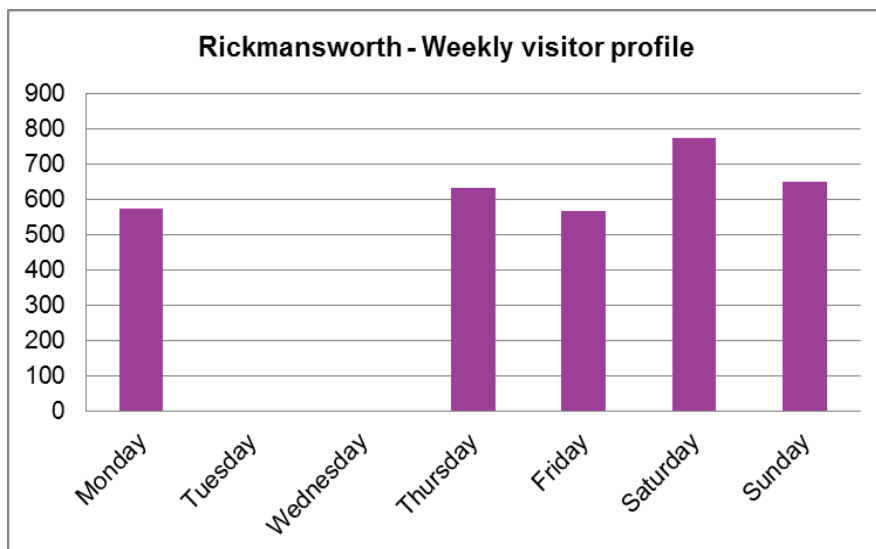
Projected number of annual visits	164,319
Projected total waste into Rickmansworth HWRC 2016/17 (tonnes)	6,058
Average amount of waste deposited by each service user (Kg)	37

Trip counter information

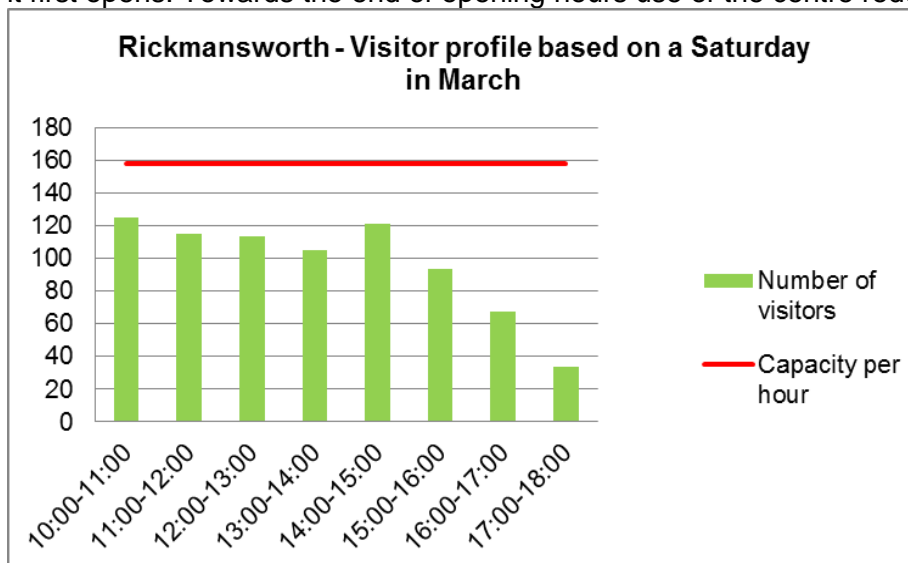
Trip counter information demonstrates that on average there is insufficient capacity at the Rickmansworth HWRC. The centre has daily capacity for 1265 vehicles or 158 vehicles per hour. Between August and March Rickmansworth HWRC received a daily average of 621 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centre on a Saturday.



The graph below identifies that the majority of service users choose to visit the centre when it first opens. Towards the end of opening hours use of the centre reduces.

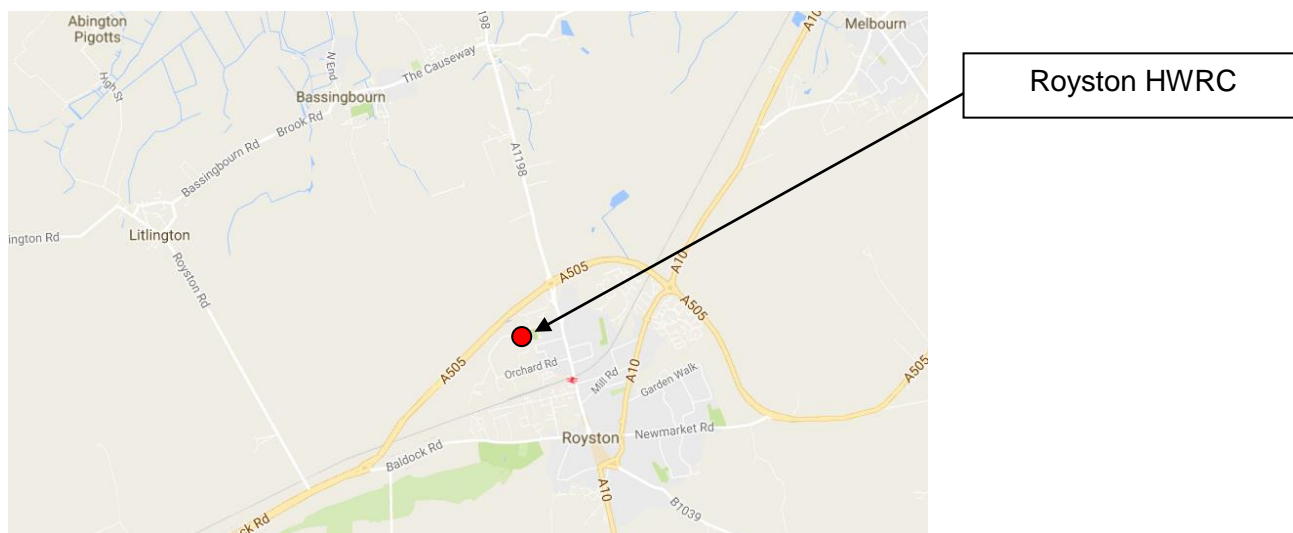


Royston Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Freehold Owned by Hertfordshire County Council	Beverley Close, Off York Way, Royston, Hertfordshire, SG8 5HF	All Year: Saturday – Wednesday 08.00 - 16.00

- 1.1 The Royston HWRC is located on Beverly Close in an industrial and business area to the north Royston. The centre is 0.26 of a hectare.
- 1.2 The centre does not experience any specific issues and functions well during peak periods.

Location of Royston HWRC

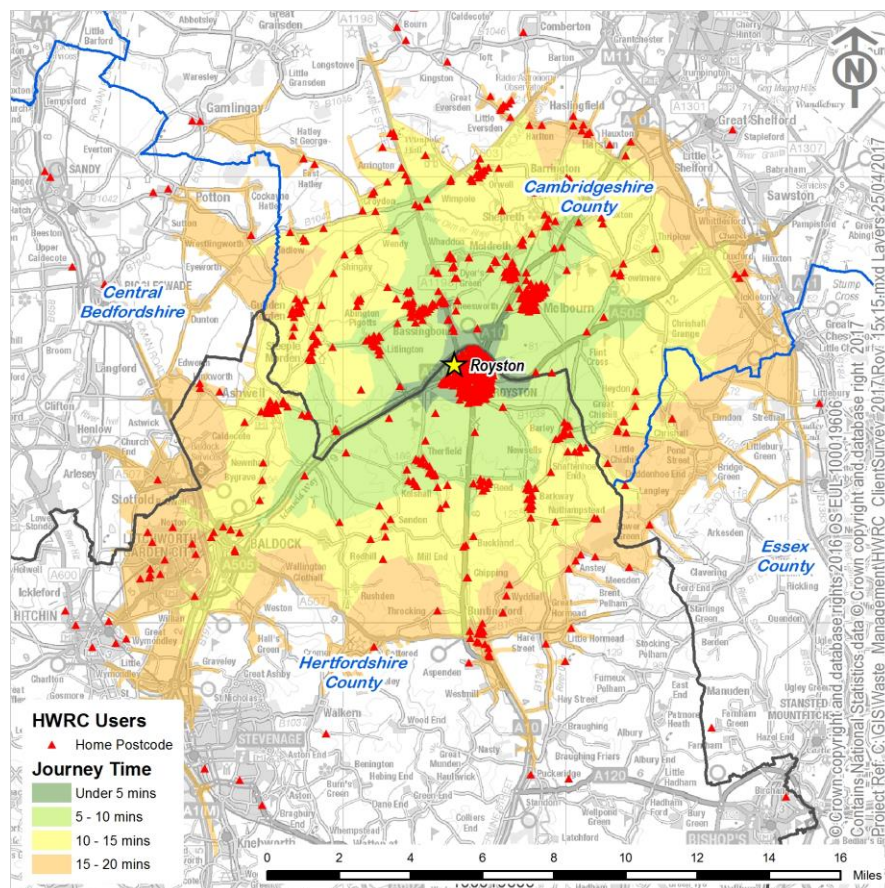


Centre photograph (2008)



HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Royston HWRC. This map demonstrates that that centre predominantly serves Royston. A high number of service 33% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 10 minute journey time of the centre.

Journey times of service users	
0-5 mins	39%
5-10 mins	41%
10-15 mins	13%
15-20 mins	4%
more than 20 mins	3%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

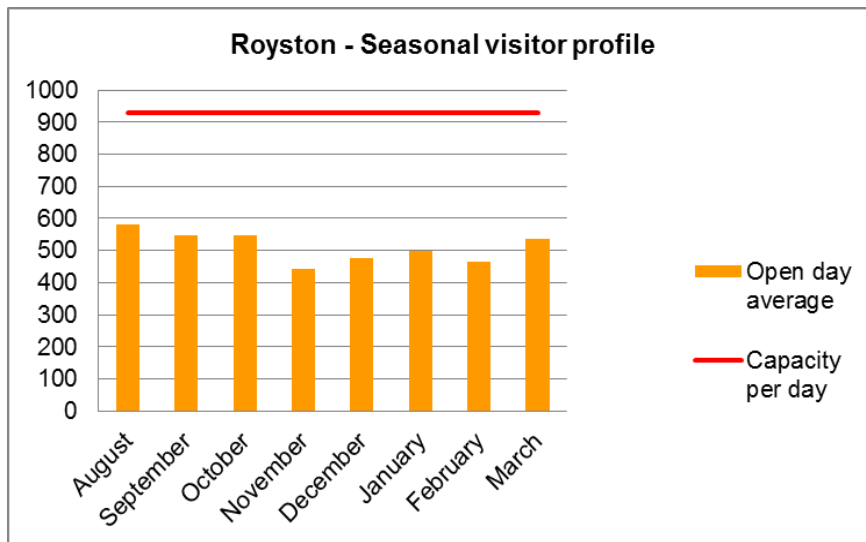
Royston HWRC Capacity	
22	Parking spaces
8	Hours open per day
10560	Number of minutes capacity
11.38	Average time on site
116	Number of vehicles site has capacity for per hour
928	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	503	483	497	CLOSED		729	686	580
September	481	429	427	CLOSED		674	718	546
October	455	406	450	CLOSED		709	719	548
November	358	316	353	CLOSED		581	600	441
December	376	359	441	CLOSED		637	572	477
January	395	406	412	CLOSED		667	609	498
February	414	351	350	CLOSED		598	621	467
March	447	419	391	CLOSED		779	650	537
	Indicative data							

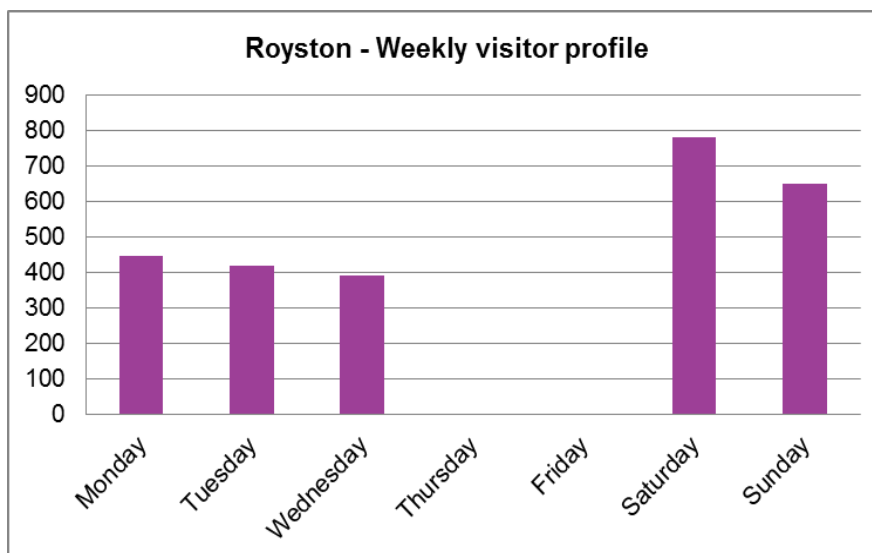
Projected number of annual visits	130,297
Projected total waste into Royston HWRC 2016/17 (tonnes)	3,037
Average amount of waste deposited by each service user (Kg)	23

Trip counter information

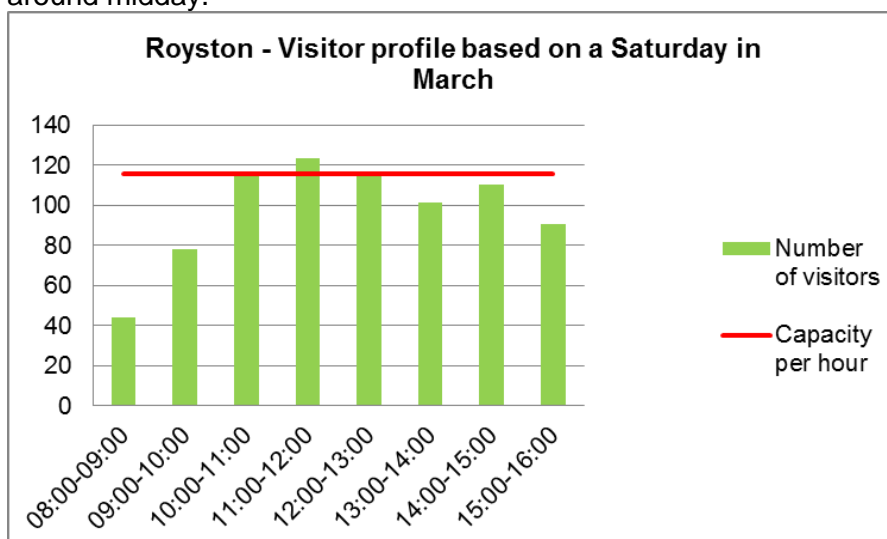
Trip counter information demonstrates that on average there is insufficient capacity at the Royston HWRC. The centre has daily capacity for 928 vehicles or 116 vehicles per hour. Between August and March Royston HWRC received a daily average of 512 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centres at the weekend.



The graph below identifies that the majority of service users choose to visit the centre around midday.

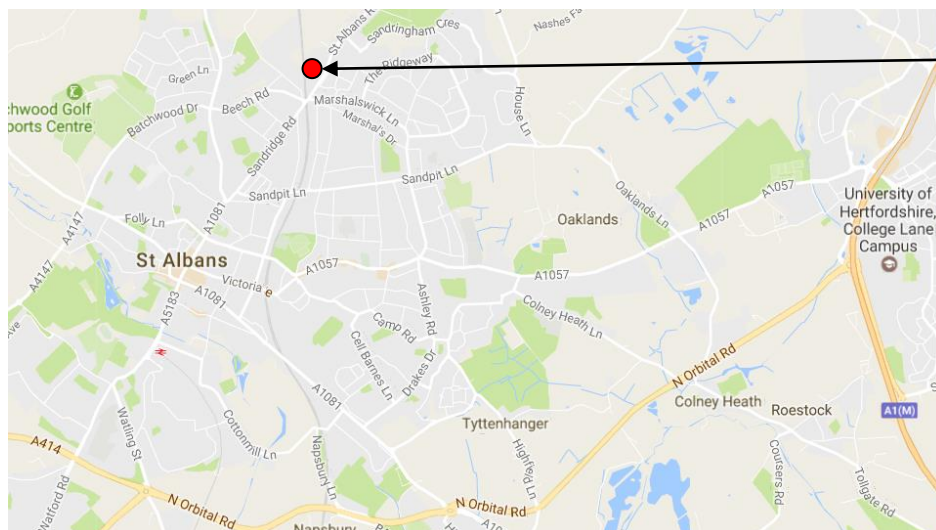


St Albans Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Freehold Owned by Hertfordshire County Council	14 Ronsons Way, (Off St Albans Rd), St Albans, Hertfordshire, AL1 4AP	Summer: Thursday – Monday 10.00 - 18.00 Winter: Thursday – Monday 08.00 - 16.00

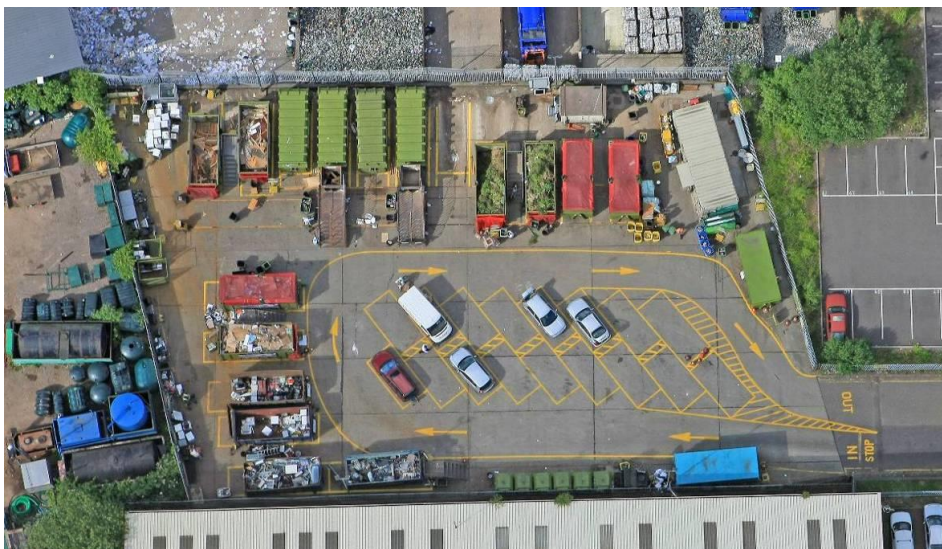
- 1.1 The St Albans HWRC is located on Ronsons Way. The centre is 0.17 of a hectare.
- 1.2 Although the centre has recently been expanded it is too small to adequately deal with demand. While the best possible use of available space has been utilised the restricted size of the site means at peak times queuing occurs back onto Ronsons Way and can affect the flow of traffic in the local area.

Location of St Albans HWRC



St Albans HWRC

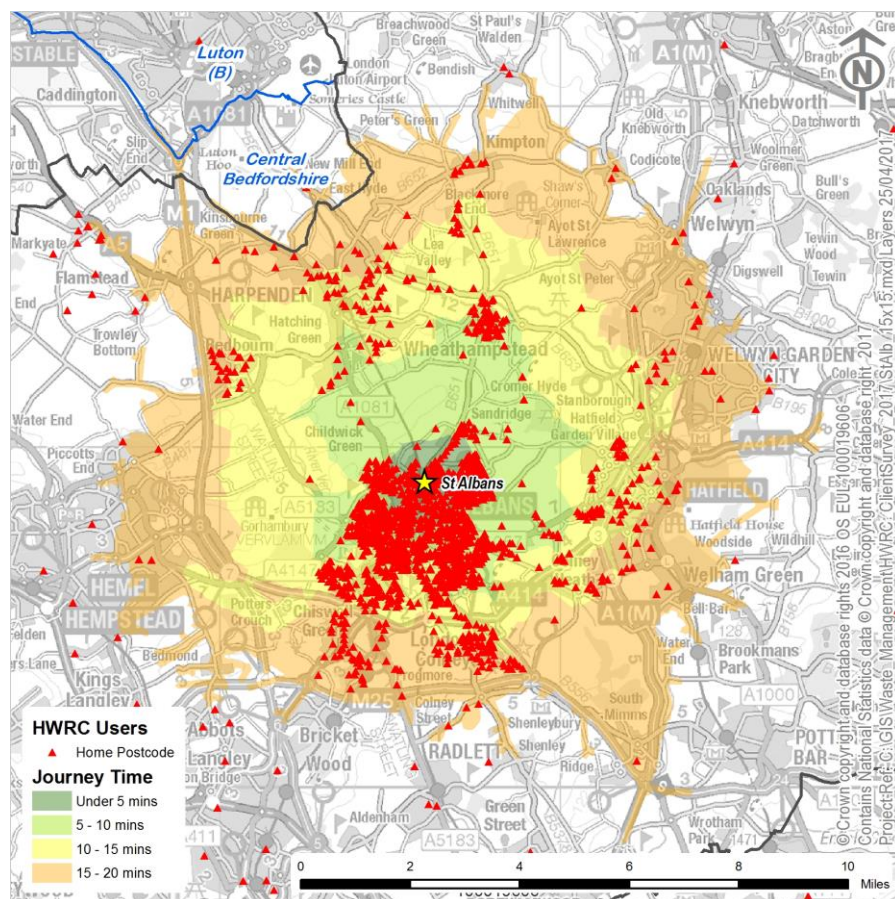
Centre photograph (2008)



St Albans HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the St Albans HWRC. This map demonstrates that the centre predominately serves St Albans but has a wide catchment area. The vast majority of service users are Hertfordshire residents, only 0.5% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre.

Journey times of service users	
0-5 mins	24%
5-10 mins	48%
10-15 mins	19%
15-20 mins	7%
more than 20 mins	2%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

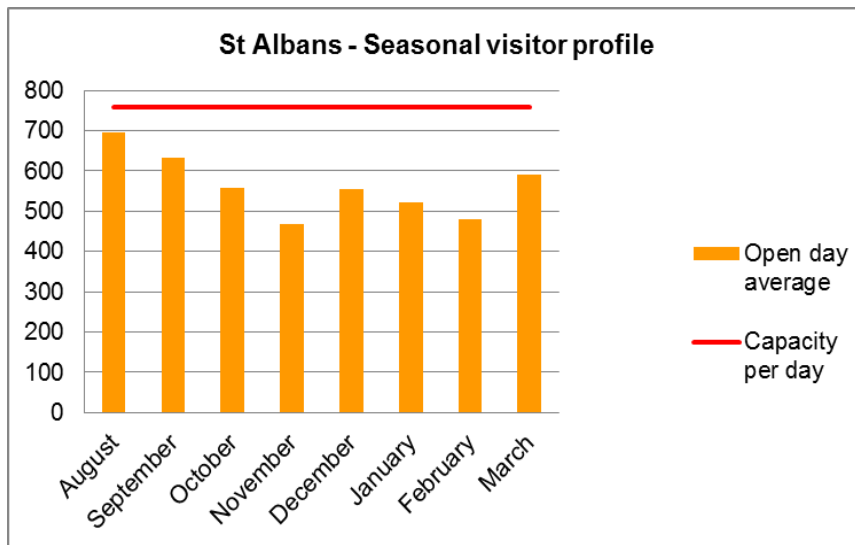
St Albans HWRC Capacity	
18	Parking spaces
8	Hours open per day
8640	Number of minutes capacity
11.38	Average time on site
95	Number of vehicles site has capacity for per hour
759	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	597	CLOSED		859	681	671	676	697
September	513	CLOSED		705	584	617	737	631
October	481	CLOSED		520	568	564	651	557
November	375	CLOSED		455	435	510	563	468
December	437	CLOSED		611	634	511	580	554
January	437	CLOSED		524	399	616	632	522
February	448	CLOSED		412	463	512	569	481
March	514	CLOSED		542	530	640	721	589
	Indicative data							

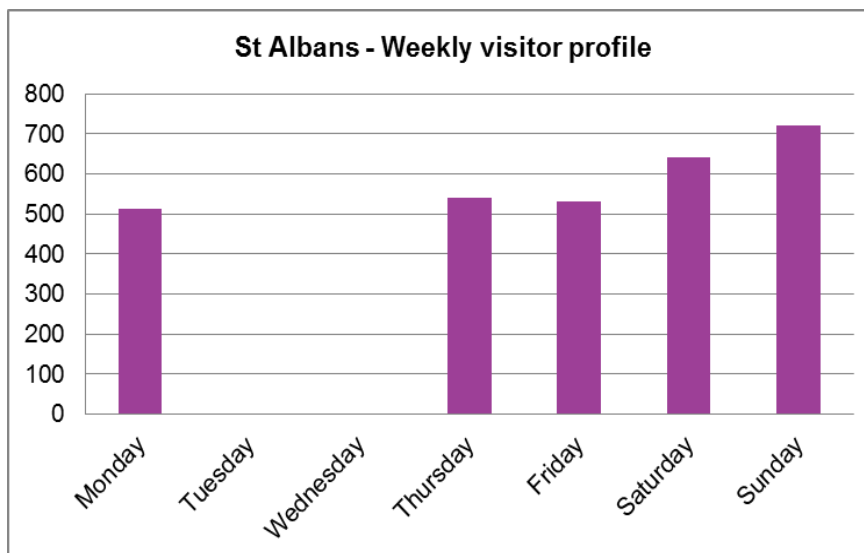
Projected number of annual visits	153,359
Projected total waste into St Albans HWRC 2016/17 (tonnes)	5,776
Average amount of waste deposited by each service user (Kg)	38

Trip counter information

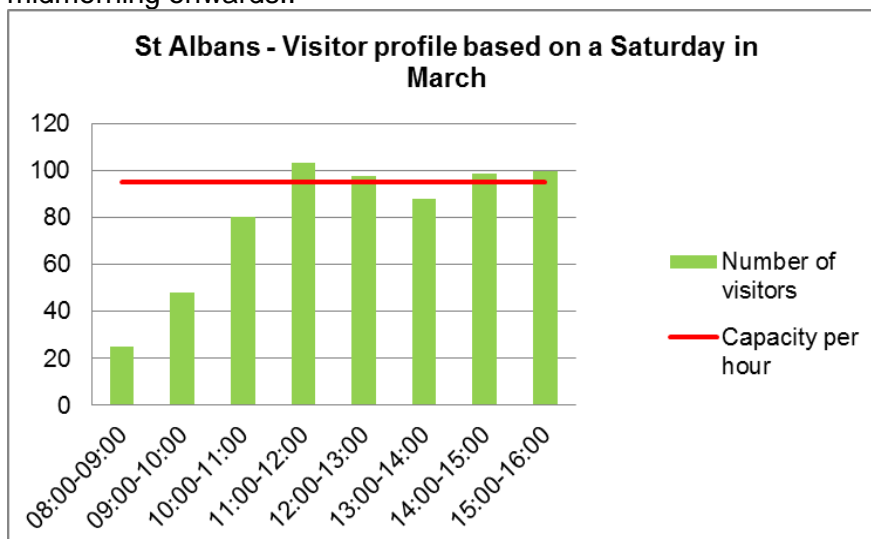
Trip counter information demonstrates that on average there is sufficient capacity at the St Albans HWRC. The centre has daily capacity for 759 vehicles or 95 vehicles per hour. Between August and March St Albans HWRC received a daily average of 562 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centres at the weekend



The graph below identifies that the majority of service users choose to visit the centre from midmorning onwards..

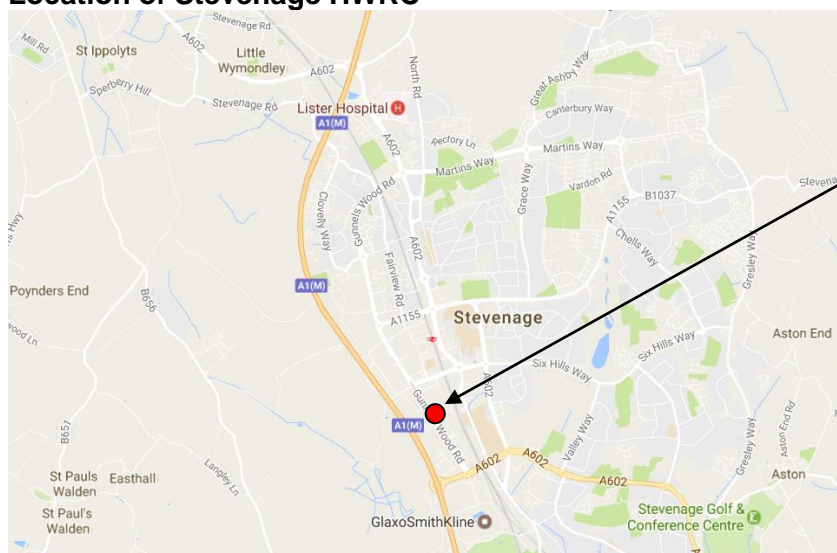


Stevenage Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Freehold Owned by Hertfordshire County Council	Caxton Way, Stevenage, Hertfordshire SG1 2DF	All Year: Saturday – Wednesday 10.00 - 18.00 Saturdays (Summer only) 08.00 – 18.00

- 1.1 The Stevenage HWRC is located on Caxton Way, on a business area to the west of Stevenage. The centre is 0.37 of a hectare.
- 1.2 This centre is the busiest within the HWRC network. The centre has been recently built but high use of the centre results in queuing onto Caxton way at peak periods.

Location of Stevenage HWRC

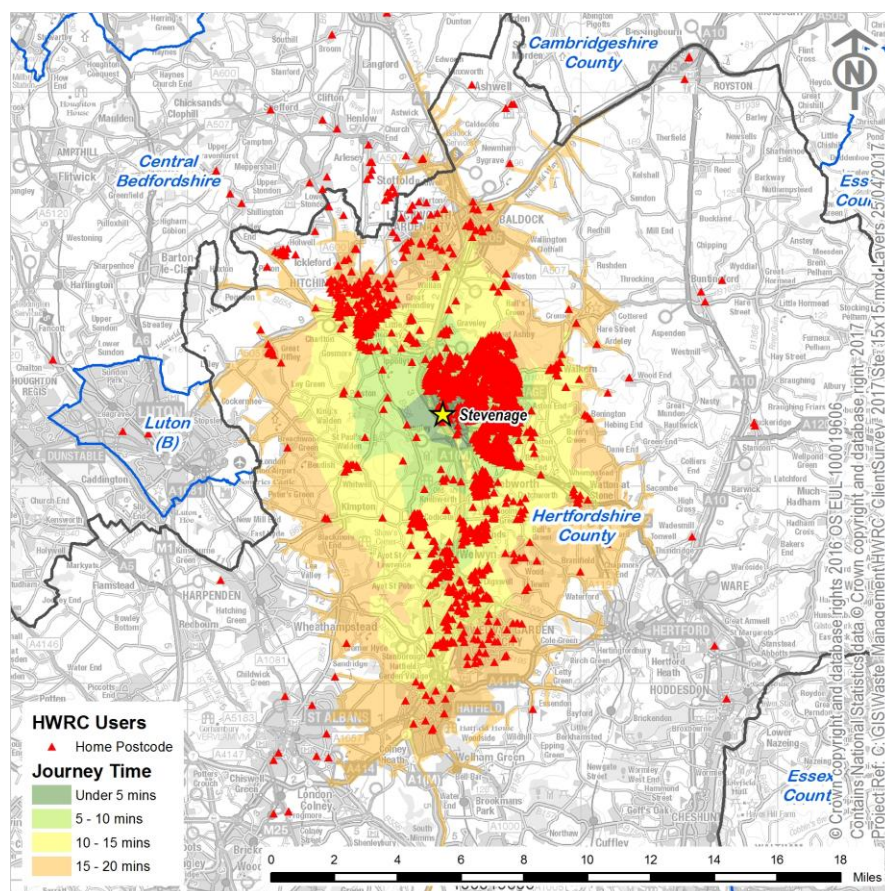


Centre photograph (2008)



HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Stevenage HWRC. This map demonstrates that the centre serves a wide catchment area that includes Stevenage, Letchworth and the A1(M) corridor. The majority of service users are Hertfordshire residents, 1.2% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre.

Journey times of service users	
0-5 mins	10%
5-10 mins	61%
10-15 mins	21%
15-20 mins	6%
more than 20 mins	3%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

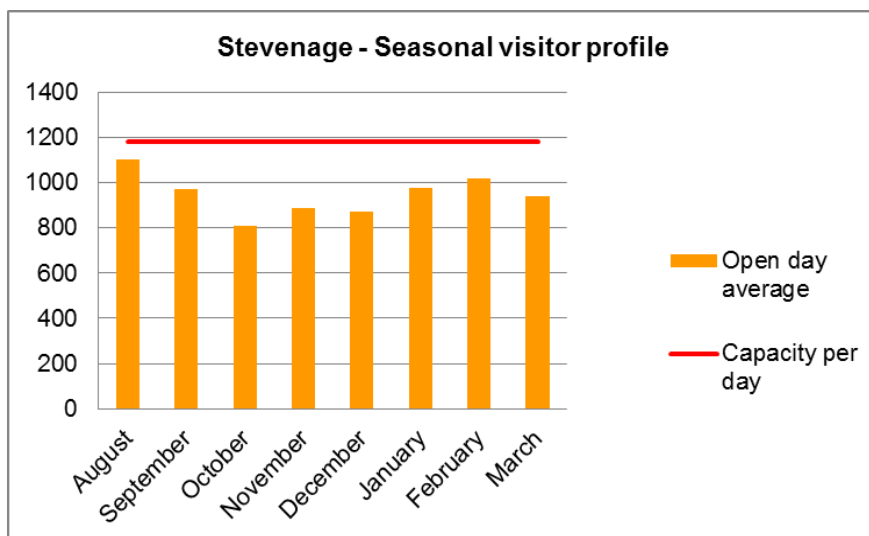
Stevenage HWRC Capacity	
28	Parking spaces
8	Hours open per day
13440	Number of minutes capacity
11.38	Average time on site
148	Number of vehicles site has capacity for per hour
1181	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	926	1000	1114	CLOSED		1375	1096	1102
September	846	881	930	CLOSED		1181	1005	968
October	892	412	445	CLOSED		1167	1120	807
November	744	730	834	CLOSED		1102	1023	886
December	751	755	922	CLOSED		981	944	871
January	818	966	853	CLOSED		1197	1054	977
February	923	868	850	CLOSED		1258	1199	1020
March	852	885	831	CLOSED		1131	1006	941
	Indicative data							

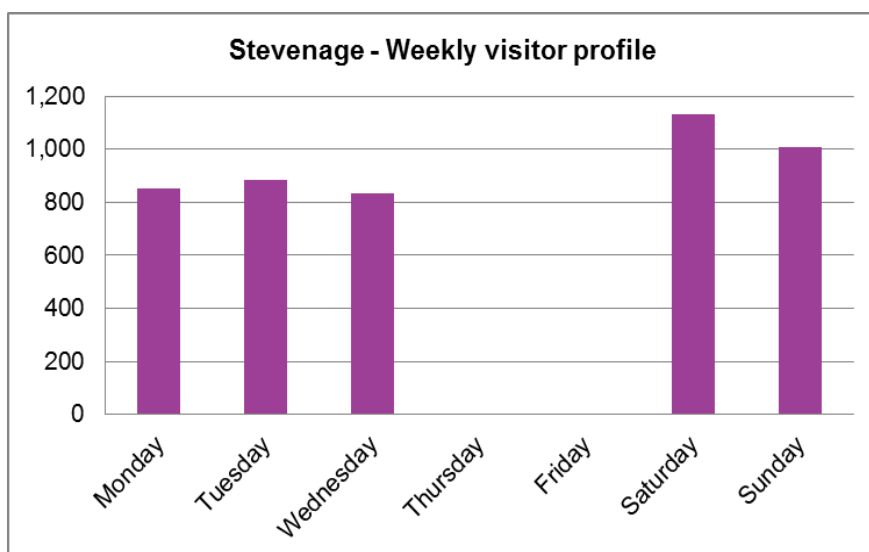
Projected number of annual visits	260,329
Projected total waste into Stevenage HWRC 2016/17 (tonnes)	9,971
Average amount of waste deposited by each service user (Kg)	38

Trip counter information

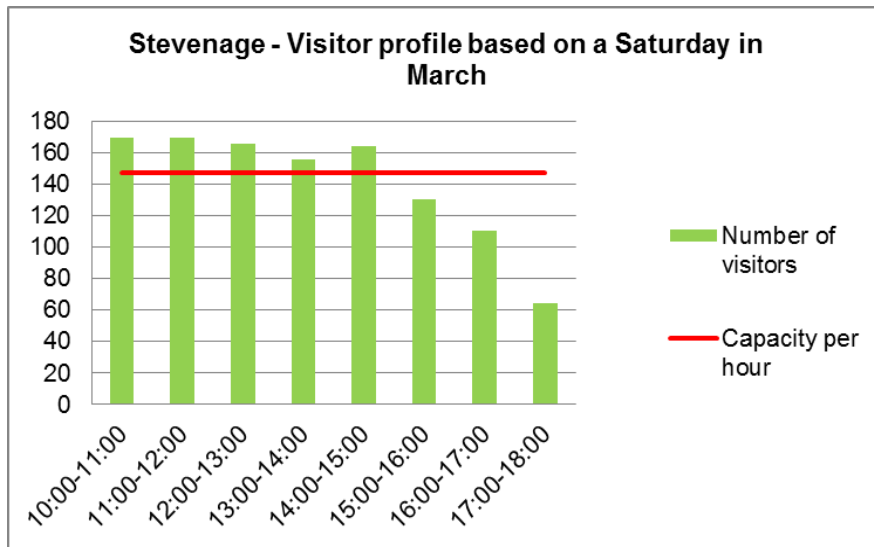
Trip counter information demonstrates that on average there is sufficient capacity at the Stevenage HWRC. The centre has daily capacity for 1181 vehicles or 148 vehicles per hour. Between August and March Stevenage HWRC received a daily average of 947 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Use of this centre is evenly distributed with a slight peak at the weekend.



The graph below identifies that the majority of service users choose to visit the centre when it first opens. Towards the end of the opening hours use of the centre reduces.



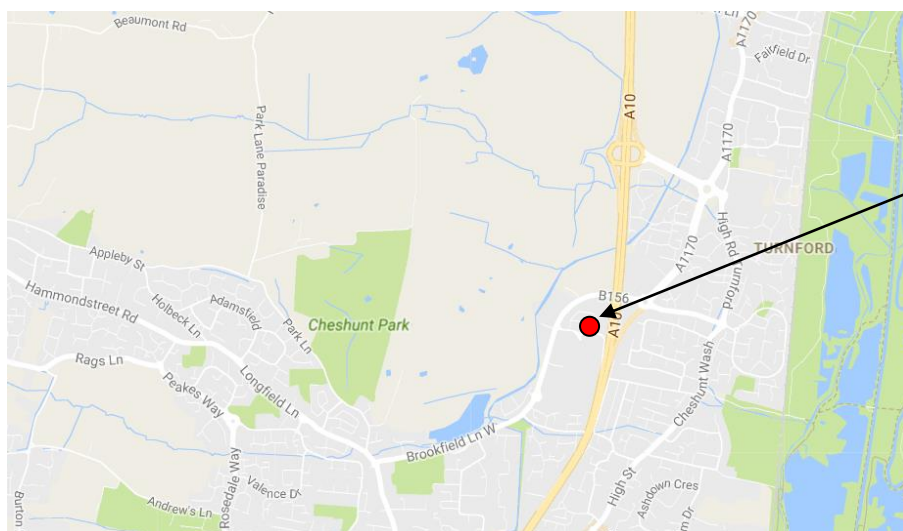
Turnford Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Freehold Owned by Hertfordshire County Council	Fairways, Brookfield Farm, Cheshunt, Hertfordshire, EN8 0NP	All Year: Saturday – Wednesday 10.00 - 18.00

The Turnford HWRC is located on Fairways in an industrial estate within the Brookfield Farm area of Turnford. The centre is 0.24 of a hectare.

This centre is the second busiest within the HWRC network. While the best possible use of available space has been utilised, the centre is not big enough to cope with demand and an inability to accommodate more than 11 parking spaces suitable for unloading means that queuing occurs at peak periods.

Location of Turnford HWRC



Turnford HWRC

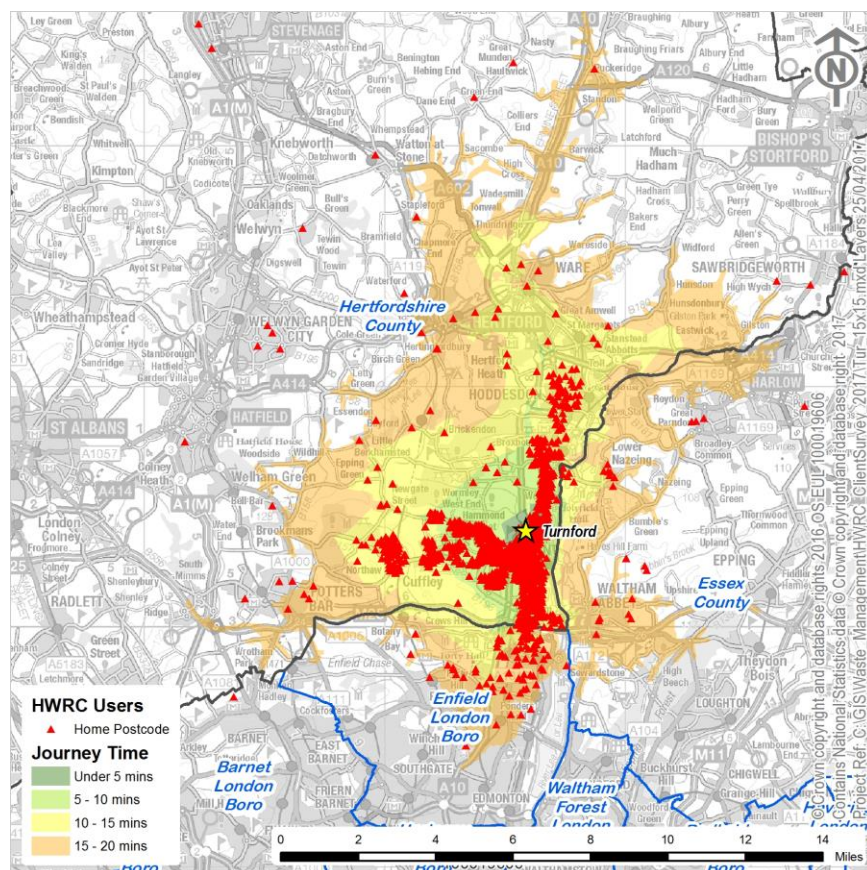
Centre photograph (2008)



Turnford HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Turnford HWRC. This confirmed that service users are from the whole of the Borough of Broxbourne area. The majority of service users are Hertfordshire residents, 4% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre.

Journey times of service users	
0-5 mins	15%
5-10 mins	59%
10-15 mins	21%
15-20 mins	4%
more than 20 mins	2%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

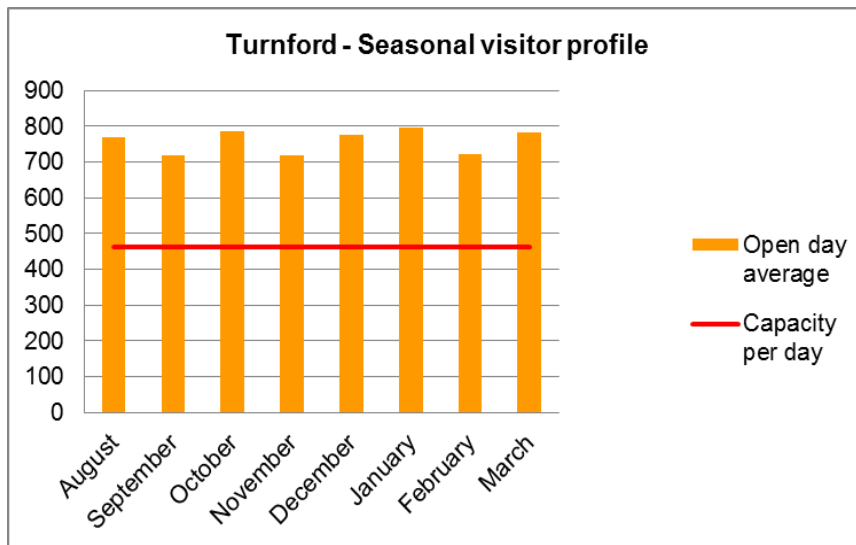
Turnford HWRC Capacity	
11	Parking spaces
8	Hours open per day
5280	Number of minutes capacity
11.38	Average time on site
58	Number of vehicles site has capacity for per hour
464	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	742	711	781	CLOSED		800	813	769
September	678	618	634	CLOSED		800	854	717
October	768	730	728	CLOSED		792	917	787
November	688	652	640	CLOSED		784	832	719
December	736	718	783	CLOSED		783	851	774
January	741	852	746	CLOSED		851	793	796
February	676	676	646	CLOSED		813	793	721
March	768	790	678	CLOSED		905	771	782
	Indicative data							

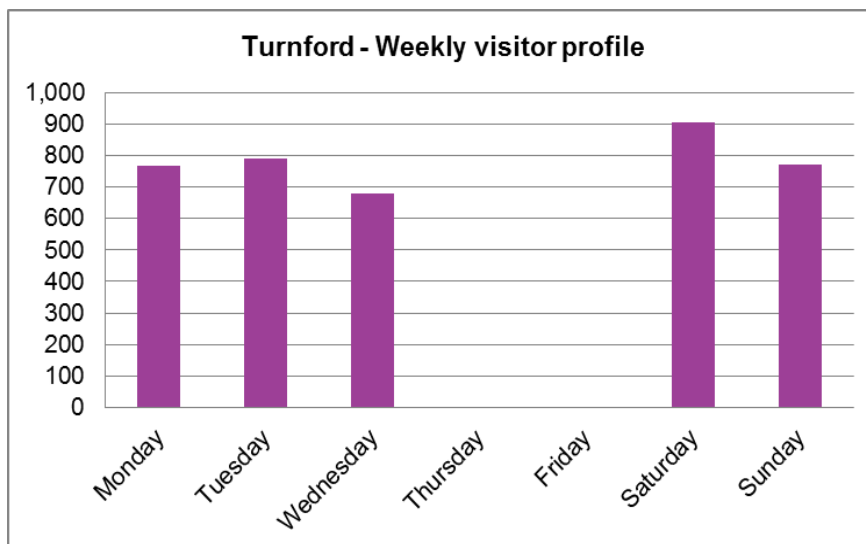
Projected number of annual visits	197,218
Projected total waste into Turnford HWRC 2016/17 (tonnes)	5,485
Average amount of waste deposited by each service user (Kg)	28

Trip counter information

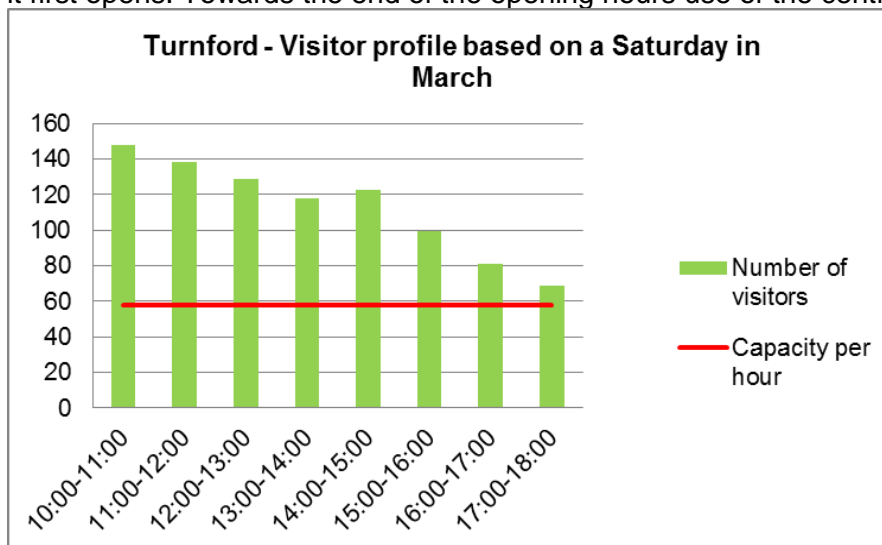
Trip counter information demonstrates there is insufficient capacity at the Turnford HWRC. The centre has daily capacity for 464 vehicles or 58 vehicles per hour. Between August and March Turnford HWRC received a daily average of 758 vehicles, this equated to 39% more visits than the centre has capacity for. Use of the centre varies throughout the year as shown in the following graph.



Use of the centre is consistent throughout the week with Saturday being the busiest day.



The graph below identifies that the majority of service users choose to visit the centre when it first opens. Towards the end of the opening hours use of the centre tails off.

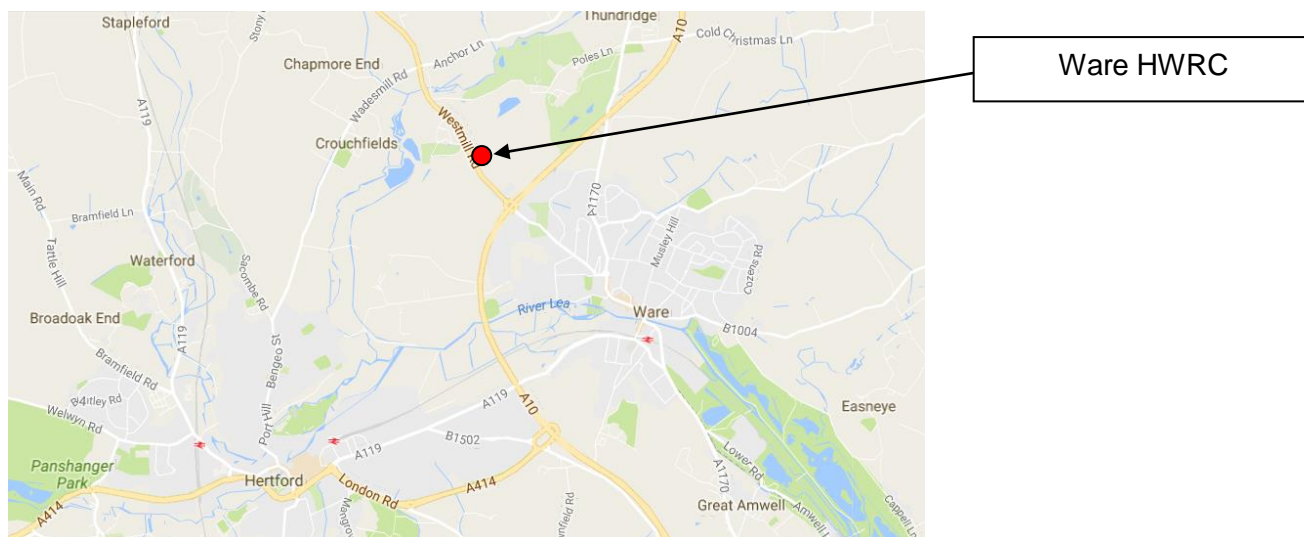


Ware Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Freehold Owned by Hertfordshire County Council	Westmill Road, Ware, Hertfordshire, SG12 0EL	Summer: Saturday – Wednesday 10.00 - 18.00 Winter: Saturday – Wednesday 08.00 - 16.00

- 1.1 The Ware HWRC is located on Westmill Road / A602 to the northwest of Ware. The centre is 0.17 of a hectare.
- 1.2 The size of the centre presents a number of problems as the centre is smaller than desired. While the best possible use of available space has been utilised, its restrictive size means that queuing occurs back onto the A602 at peak periods.

Location of Ware HWRC



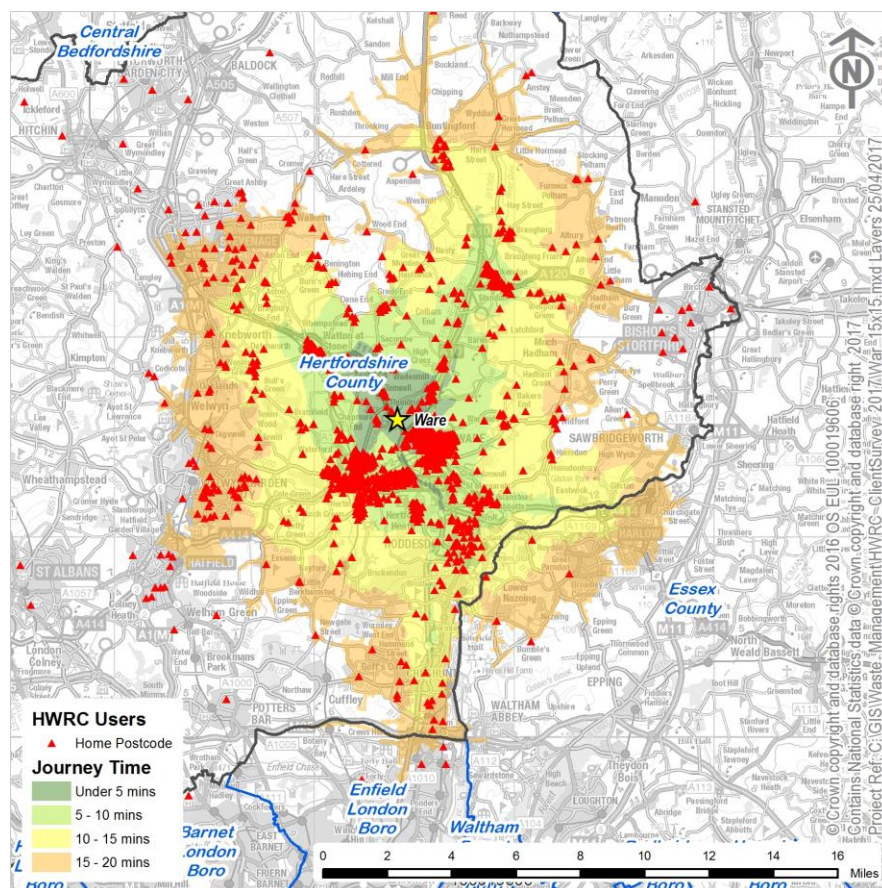
Centre photograph (2008)



Ware HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Ware HWRC. This map demonstrates that the centre serves a wide catchment area that includes Ware, Hertford, Hoddesdon and the surrounding area. The majority of service users are Hertfordshire residents, 1.2% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre.

Journey times of service users	
0-5 mins	18%
5-10 mins	58%
10-15 mins	14%
15-20 mins	6%
more than 20 mins	4%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

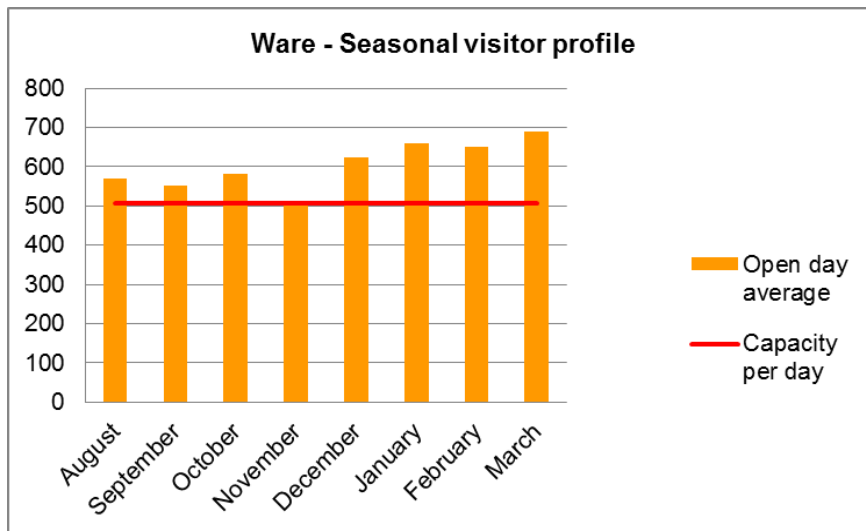
Ware HWRC Capacity	
12	Parking spaces
8	Hours open per day
5760	Number of minutes capacity
11.38	Average time on site
63	Number of vehicles site has capacity for per hour
506	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	543	533	536	CLOSED		634	596	568
September	506	478	481	CLOSED		607	690	552
October	492	509	529	CLOSED		675	711	583
November	430	6	9	CLOSED		605	679	571
December	522	554	634	CLOSED		715	690	623
January	578	652	614	CLOSED		758	694	659
February	566	594	555	CLOSED		724	806	649
March	646	677	580	CLOSED		801	751	691
	Indicative data							

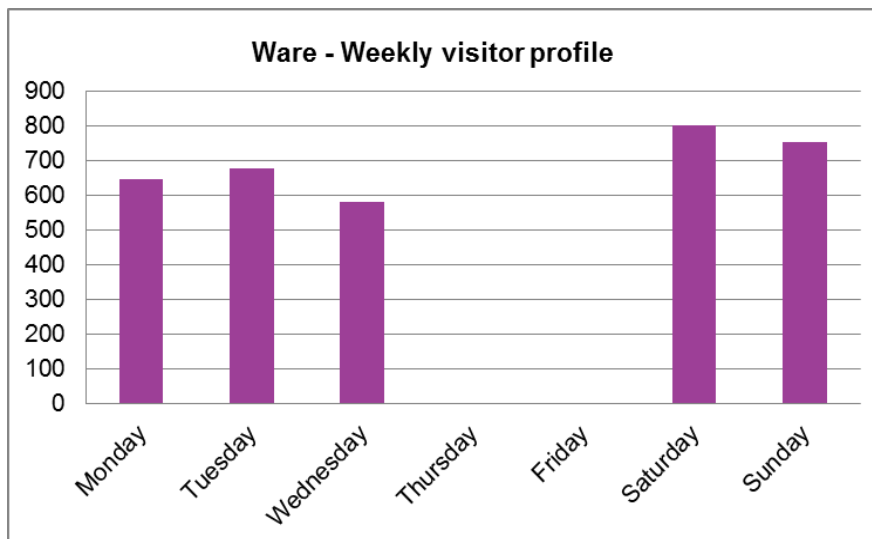
Projected number of annual visits	162,637
Projected total waste into Ware HWRC 2016/17 (tonnes)	3,977
Average amount of waste deposited by each service user (Kg)	24

Trip counter information

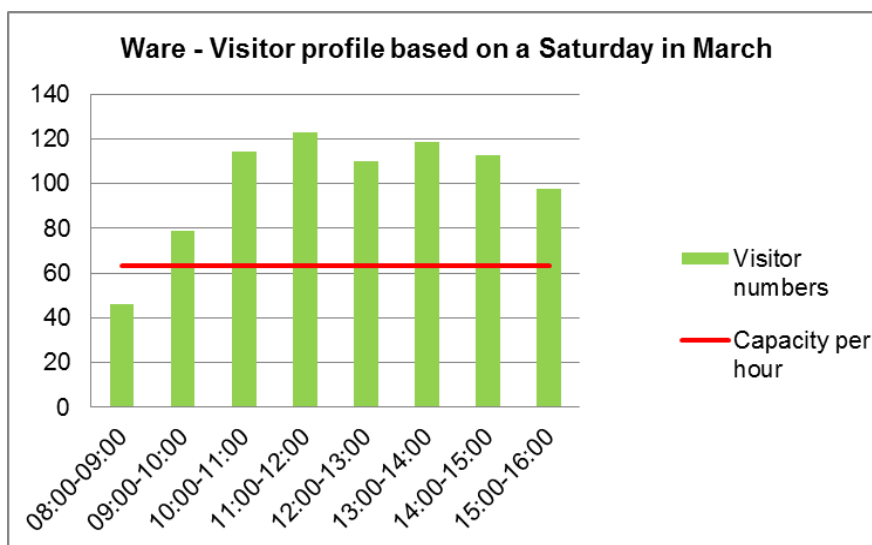
Trip counter information demonstrates that on average there is insufficient capacity at the Ware HWRC. The centre has daily capacity for 506 vehicles or 63 vehicles per hour. Between August and March Ware HWRC received a daily average of 604 vehicles, this equated to 16% more visits than the centre has capacity for. Use of the centre varies throughout the year as shown in the following graph.



Use of the centre is consistent throughout the week with Saturday being the busiest day.



The centre is busiest from midmorning onwards.

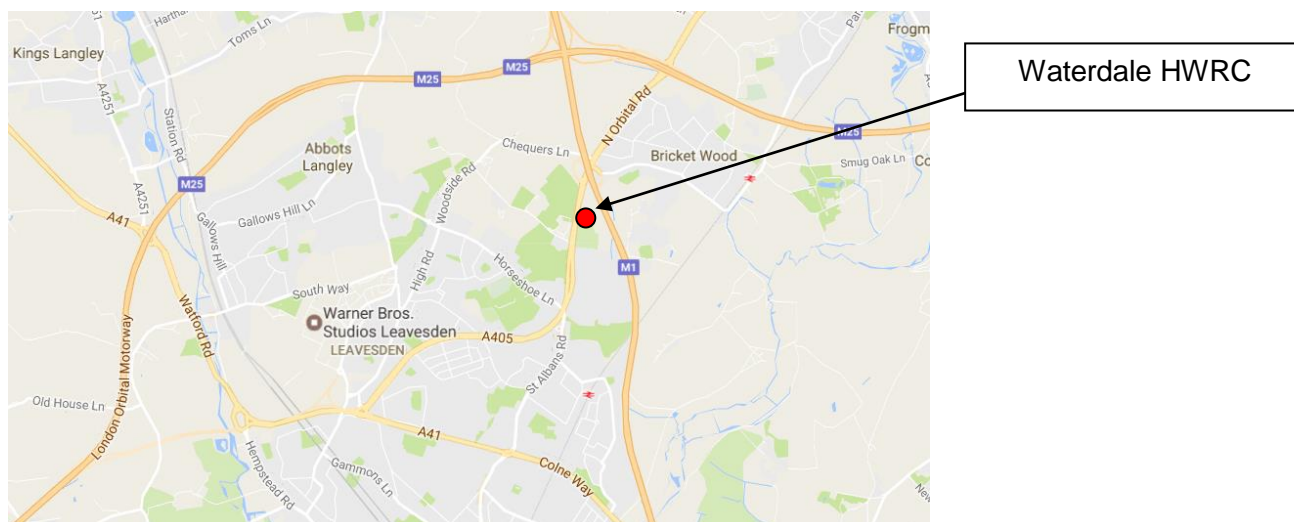


Household Waste Recycling Centre

Property Ownership Details	Address	Opening Times
Freehold Owned by Hertfordshire County Council	St Albans Road, Garston, Watford WD25 0PR	All Year: Saturday – Wednesday 10.00 - 18.00 Saturdays (Summer only): 08.00-18.00

- 1.1 The Waterdale HWRC is located on St Albans Road to the north of Watford and near junction 21A of the M25. The centre is 0.85 of a hectare.
- 1.2 The centre is the largest within the HWRS and has recently been built, it does not experience any specific issues and functions well during peak periods.

Location of Waterdale HWRC



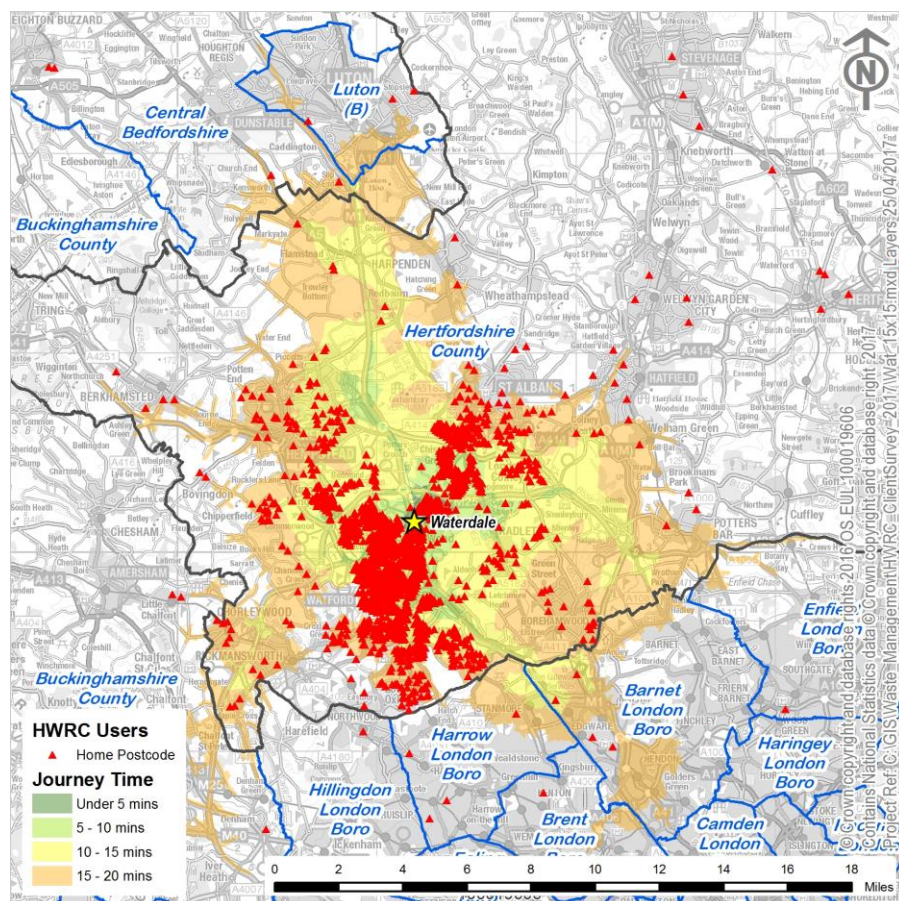
Centre photographs (Date Unknown)



Waterdale HWRC

HWRC user survey

In March 2017 a user postcode survey indicated the catchment area of the Waterdale HWRC. This map demonstrates that the centre serves a wide catchment area with service users predominately from the Watford area. The majority of service users are Hertfordshire residents, 0.9% are from neighbouring authorities.



The coloured isochrones show the journey times travelled by service users. The table below identifies that the majority of service users are within a 15 minute journey time of the centre.

Journey times of service users	
0-5 mins	8%
5-10 mins	42%
10-15 mins	38%
15-20 mins	9%
more than 20 mins	2%

To establish the theoretical capacity of the centre the number of open hours per day has been multiplied by the number of parking spaces and divided by the average time spent at the centre by each service user. This capacity figure can be adversely affected by poor parking by service users and centre servicing closures and assumes that use of the service is equally dispersed over the opening hours.

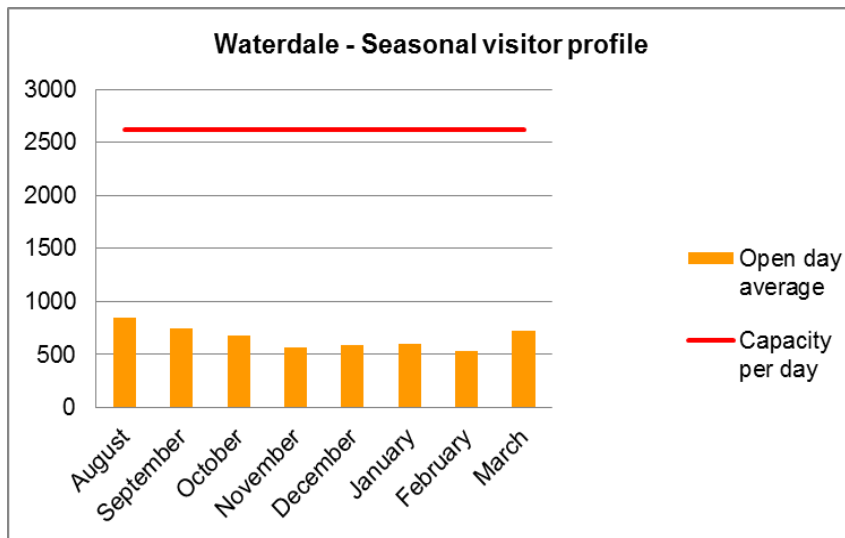
Waterdale HWRC Capacity	
62	Parking spaces
8	Hours open per day
29760	Number of minutes capacity
11.38	Average time on site
327	Number of vehicles site has capacity for per hour
2615	Number of vehicles site has capacity for per day

	Average Number of Visitors							
Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Open Day Average
August	710	745	800	CLOSED		1055	938	849
September	559	614	672	CLOSED		914	942	740
October	550	571	564	CLOSED		858	831	675
November	418	451	493	CLOSED		731	752	569
December	450	500	590	CLOSED		683	734	591
January	449	525	501	CLOSED		809	729	602
February	388	437	410	CLOSED		710	717	532
March	581	629	548	CLOSED		973	874	721
	Indicative data							

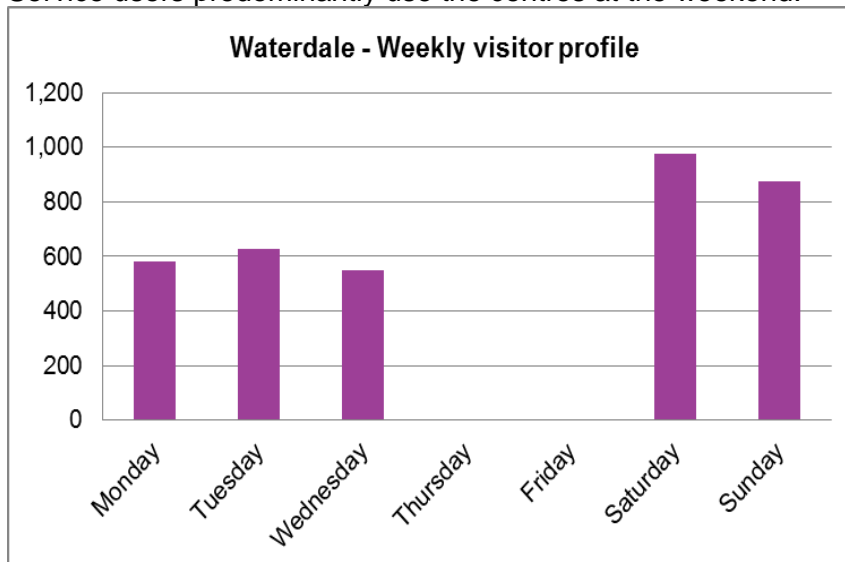
Projected number of annual visits	175,812
Projected total waste into Waterdale HWRC 2016/17 (tonnes)	8,439
Average amount of waste deposited by each service user (Kg)	48

Trip Counter Data

Trip counter information demonstrates that on average there is insufficient capacity at the Waterdale HWRC. The centre has daily capacity for 2615 vehicles or 327 vehicles per hour. Between August and March Waterdale HWRC received a daily average of 660 vehicles. Use of the centre varies throughout the year as shown in the following graph.



Service users predominantly use the centres at the weekend.



The graph below identifies that the majority of service users choose to visit the centre when it first opens. Towards the end of the opening hours use of the centre reduces.

