

London Borough of Southwark

# Southeast London joint waste technical paper Appendix B

Submission Draft

## Contents

INTRODUCTION .....2

LONDON BOROUGH OF SOUTHWARK: Strategic sites – tables and maps ..... 3

LONDON BOROUGH OF BEXLEY: Strategic sites – tables and maps ..... 5

LONDON BOROUGH OF BROMLEY: Strategic waste sites – tables and maps ..... 11

CITY OF LONDON: Strategic waste sites – tables and maps ..... 14

LONDON BOROUGH OF LEWISHAM: Strategic waste sites – tables and maps ..... 15

ROYAL BOROUGH OF GREENWICH: Strategic waste sites – tables and maps ..... 19

## INTRODUCTION

B.1. This appendix to the southeast London joint waste planning technical paper identifies the 17 safeguarded waste facilities and sites (locations shown on the map below) that provide the capacity to manage the amount of waste in the southeast London sub-region apportioned through the London Plan.

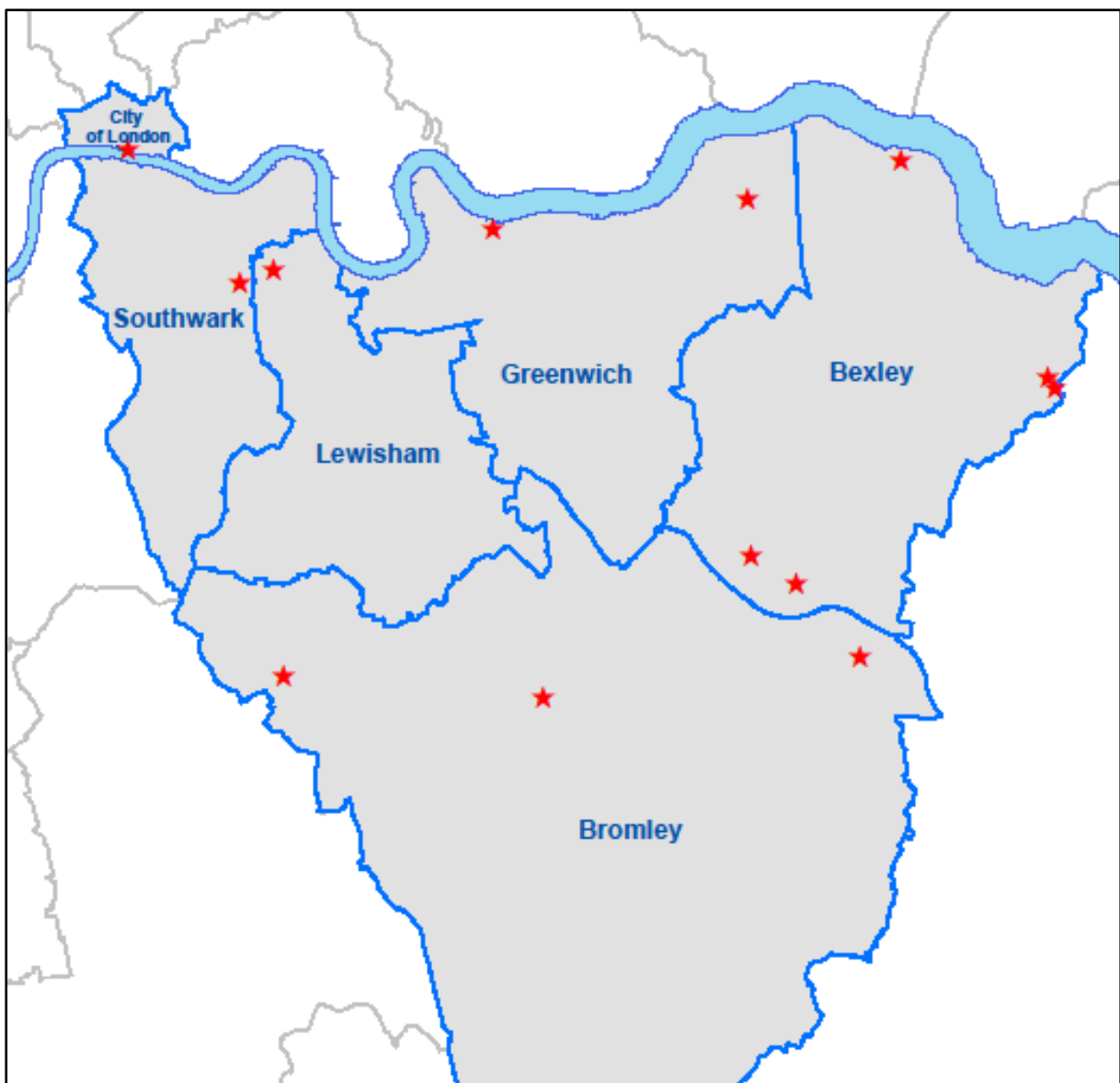
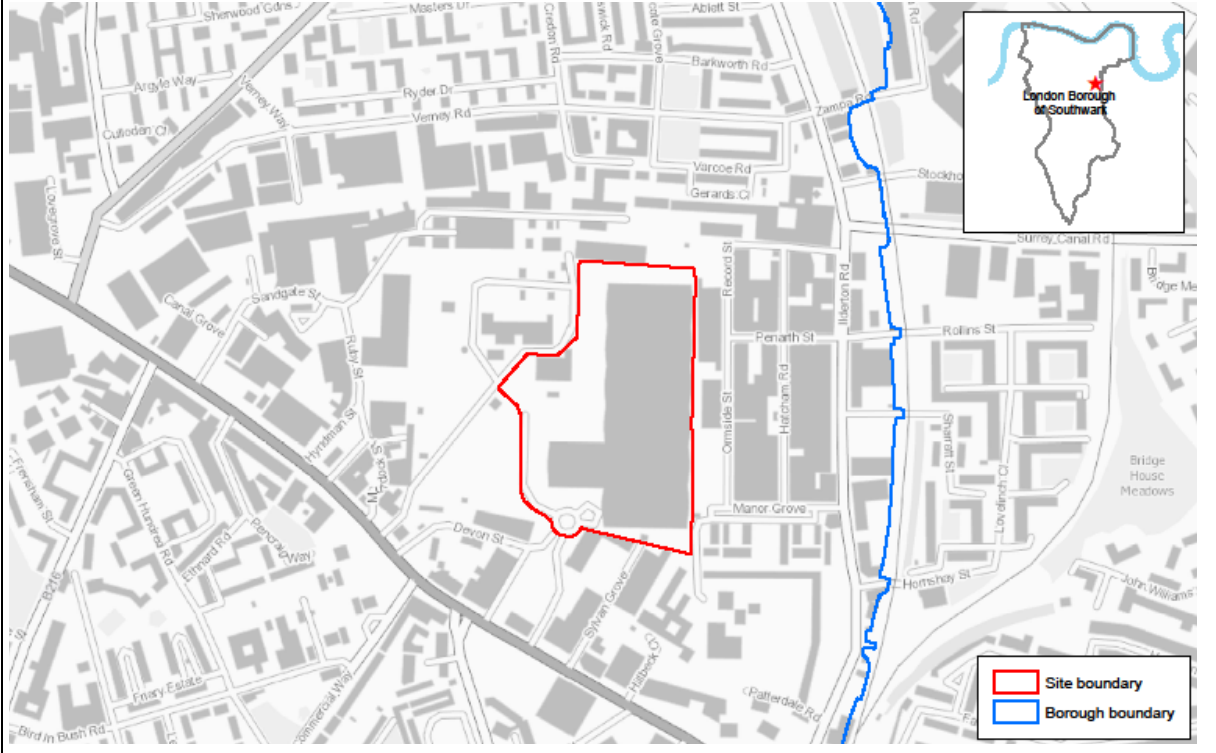



Figure 1: sub-regional map with safeguarded waste facilities

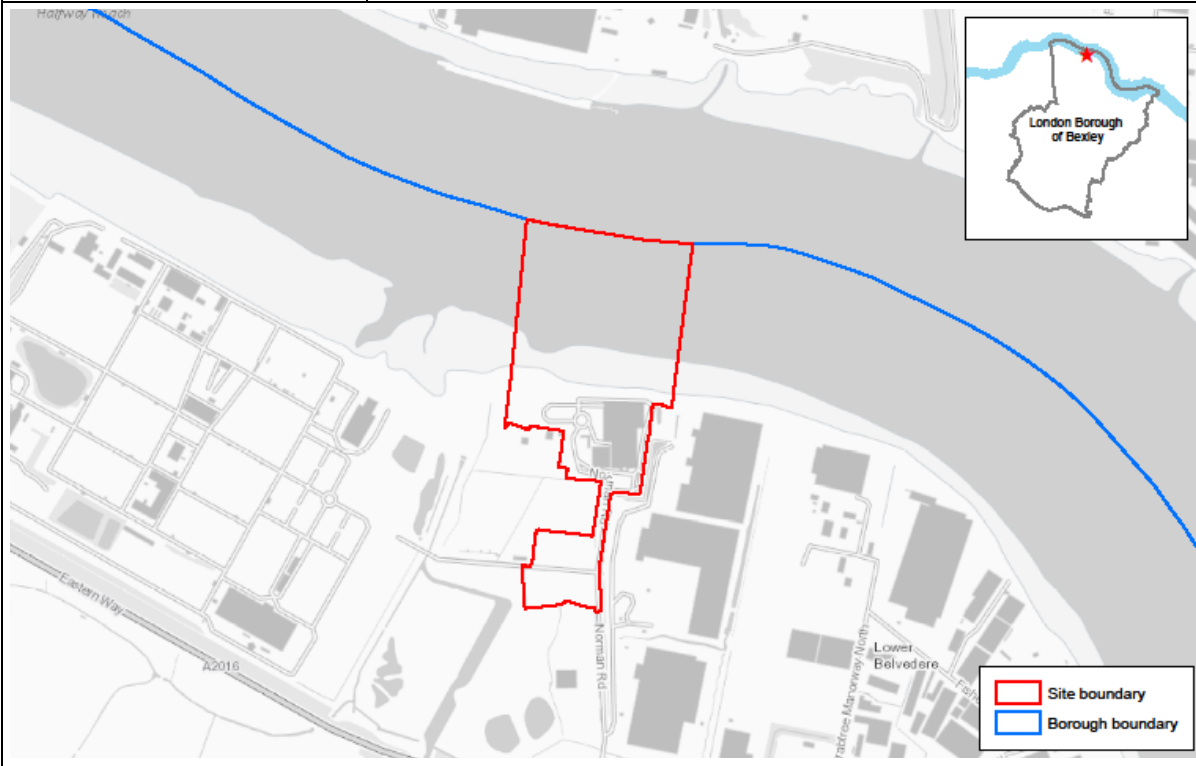
**LONDON BOROUGH OF SOUTHWARK: Strategic sites – tables and maps**

Facility	Materials recovery facility and mechanical biological treatment plant
Address	43 Devon Street, Peckham, SE15 1PD
	
Type of facility	Materials recovery facility, mechanical biological treatment plant
Type of waste	Municipal, Commercial and industrial
Site ownership	London Borough of Southwark
Operator/ licences	Veolia
Contractual arrangements	
Licensed capacity	252,500 tonnes (MRF = 132,500 tonnes, MTB = 120,000 tonnes)
Average annual throughput	173,000 tonnes (MRF = 110,000 tonnes, MTB = 80,000 tonnes) Currently operational.
Agreed recycling/ composting rate	Materials recycling facility: 75% Mechanical biological treatment plant: 3%
Future plans	
Site area	5.3 hectares
Apportionment capacity**	85,050 tonnes per annum
Notes	**For materials recycling facilities, 75% of the throughput qualifies for inclusion into the apportionment capacity, and for mechanical biological treatment plants, 3% of the throughput qualifies for inclusion. These figures are combined and set out in the spreadsheet at Appendix A.

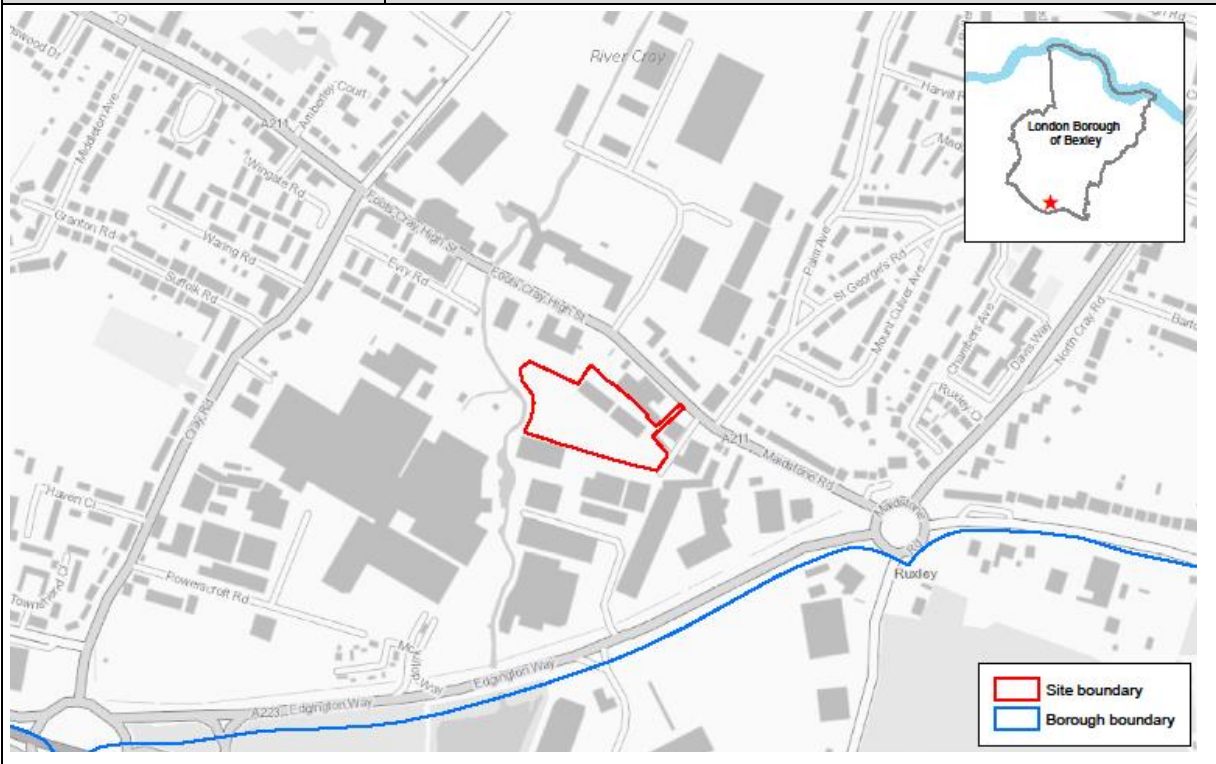
<b>Facility name</b>	<b>Old Kent Road reuse and recycle centre</b>
<b>Address</b>	Located within the IWMF, 43 Devon Street, Peckham, SE15 1PD
Type of facility	Household Waste Recycling Centre and Waste Transfer Station
Type of waste	Municipal, Commercial and industrial
Site ownership	London Borough of Southwark
Operator/ licences	Veolia
Contractual arrangements	
Licensed capacity	100,000 (HHWRC = 25,000 & WTS = 75,000)
Average annual throughput	50,000 tonnes
Future plans	
Site area	5.3 hectares (located within the integrated waste management facility)
Apportionment capacity**	7,500
Notes	**Capacity is based on 15% recycling rate (see Appendix A) - most sorting of recyclables is undertaken in separate facilities outside LB Southwark

**LONDON BOROUGH OF BEXLEY: Strategic sites – tables and maps**

Facility name	<b>Clinical waste incinerator, SRCL Ltd</b>
Address	Queen Mary's Hospital, Sidcup Plant, Incinerator Building, Frogna Avenue, Sidcup, DA14 6LT
 <p>The map displays the site boundary (red outline) and the borough boundary (blue outline) for the clinical waste incinerator. The site is located near Frogna Avenue and the A20. An inset map shows the location of the site within the London Borough of Bexley, marked with a red star.</p>	
Type of facility	Incineration (final residual waste disposal facility)
Type of waste	Hazardous: Clinical (waste to be treated as industrial waste)
Site ownership	
Operator/ licences	SRCL Ltd (formerly White Rose Environmental Ltd) Licence No: 19567; EPP No: P/15/05 JP31333XP
Contractual arrangements	
Licensed capacity	8,000 tonnes per annum
Average annual throughput*	7,514 tonnes. Currently operational.
Future plans	This hospital-based incinerator produces steam and electricity for Queen Mary's Hospital.
Site area	0.53 hectares
Apportionment capacity**	7,514 tonnes per annum
Notes	<p>*The amount listed is the actual annual throughput (averaged over three years), which is 94% of the permitted capacity identified on the Environment Agency's list of operational incineration facilities.</p> <p>**As this is a final residual waste disposal facility, 100% of the actual average annual throughput qualifies for inclusion into the apportionment capacity, which is identified in the spreadsheet at Appendix A.</p>

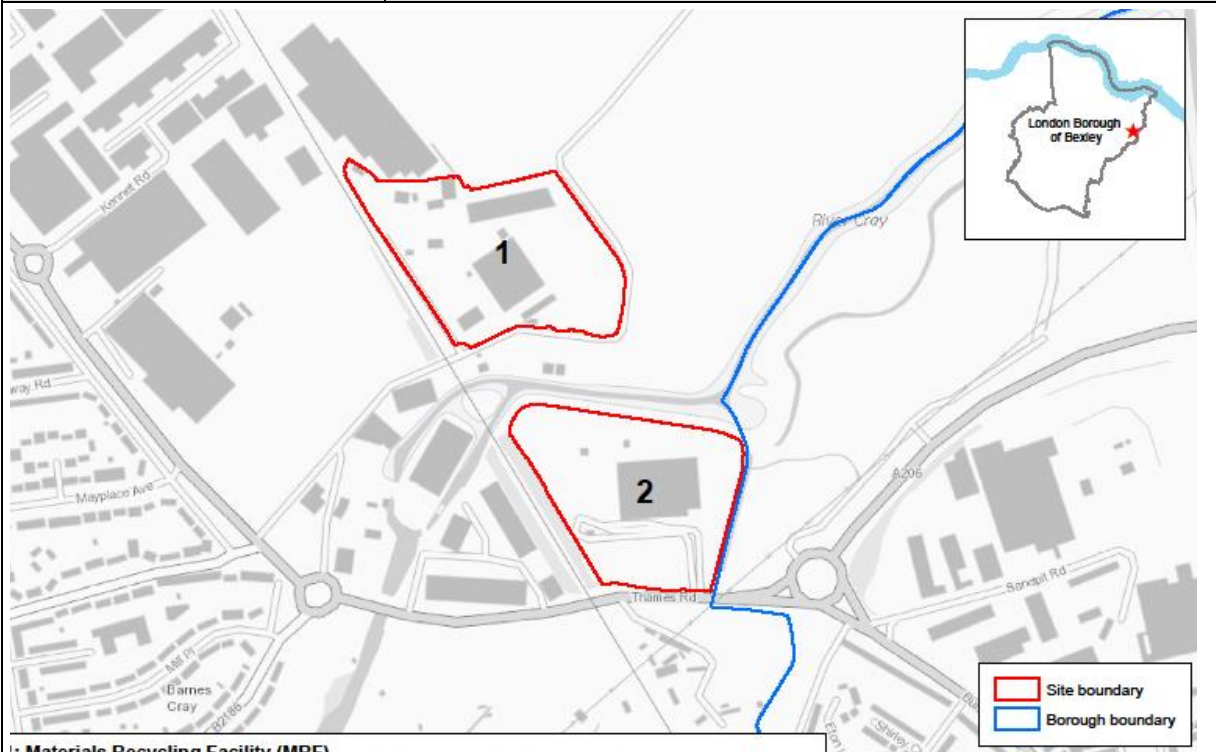
<b>Facility name</b>	<b>Energy from waste facility, RRRL</b>
<b>Address</b>	Land adjacent River Thames, Norman Road, Belvedere, DA17 6JY
	
<b>Type of facility</b>	Incineration (final residual waste disposal facility)
<b>Type of waste</b>	Municipal, Commercial and Industrial
<b>Site ownership</b>	Cory Environmental Holdings Limited
<b>Operator/ licences</b>	Cory Riverside Energy; Permit reference no: BKD825 EA issued PPC permit issues on 11/09/2003 (dated 08/09/2003)
<b>Contractual arrangements</b>	
<b>Licensed capacity</b>	785,000 tonnes per annum
<b>Average annual throughput</b>	737,900 tonnes. Currently operational.
<b>Future plans</b>	This is a strategic river-based facility. Currently, a turbine has the capability to supply up to 30MW of steam/heat and up to 72MW of electricity. Approximately 6MW of this is used in the plant with the remainder generating at 11Kv and transforming on site up to 132Kv for export to the grid. A DCO application is with the Planning Inspectorate for an integrated energy generation park on the site that would increase the capacity to 96MW of low carbon renewable electricity.
<b>Site area</b>	9.10 hectares [all operational land is 22.43 hectares, including river]
<b>Apportionment capacity**</b>	737,900 tonnes per annum
<b>Notes</b>	**As this is a final residual waste disposal facility, 100% of the actual average annual throughput qualifies for inclusion into the apportionment capacity, which is identified in the spreadsheet at Appendix A.

<b>Facility name</b>	<b>Materials recovery facility, Viridor Waste Management</b>
<b>Address</b>	Century Wharf, Crayford Creek, Crayford, DA1 4QG [Site 1]
<p>The map shows two sites, labeled 1 and 2, outlined in red. Site 1 is a rectangular area in the upper left, and Site 2 is a larger, irregular area below it. A blue line indicates the borough boundary, which follows the River Cray. An inset map in the top right shows the location of the London Borough of Bexley with a red star. A legend in the bottom right identifies the red outline as 'Site boundary' and the blue outline as 'Borough boundary'. Street names like 'Korsett Rd', 'Mayplace Ave', 'Barnes Cray', 'Thames Rd', 'A205', and 'Sancut Rd' are visible on the main map.</p>	
<b>Type of facility</b>	Materials recycling
<b>Type of waste</b>	Municipal, Commercial and Industrial
<b>Site ownership</b>	Viridor Resource Management Ltd
<b>Operator/ licences</b>	Viridor Resource Management Ltd; Licence No: 83464
<b>Contractual arrangements</b>	
<b>Licensed capacity</b>	350,000 tonnes per annum
<b>Average annual throughput*</b>	262,500 tonnes. Currently operational.
<b>Future plans</b>	Materials Recycling Facilities (MRFs) handle large volumes of municipal and commercial and industrial material to produce a range of high quality outputs. This MRF is one of the largest and most technologically advanced recycling facilities in Europe.
<b>Site area</b>	4.10 hectares
<b>Apportionment capacity**</b>	262,500 tonnes per annum
<b>Notes</b>	*The amount listed is 75% of the licensed capacity. **For materials recycling facilities, 75% of the permitted annual capacity qualifies for inclusion into the apportionment capacity, which is set out in the spreadsheet at Appendix A.
<b>Facility name</b>	<b>Foots Cray reuse and recycle centre</b>
<b>Address</b>	Maidstone Road, Sidcup, DA14 5HS

Facility name	Foots Cray reuse and recycle centre
	
Type of facility	Waste and recycling
Type of waste	Municipal
Site ownership	London Borough of Bexley
Operator/ licences	SITA UK; Licence No: 19564; EPP No: P/15/02
Contractual arrangements	Contracted
Licensed capacity	74,999 tonnes
Average annual throughput*	11,465 tonnes. Currently operational.
Average current recycling/ composting rate	63%
Future plans	As part of the new contract a 70% recycling rate will be expected by 2019/20.
Site area	1.24 ha
Apportionment capacity**	7,223 tonnes
Notes	<p>*Council facility. Annual throughput shown is actual waste tonnage averaged over the last three years.</p> <p>**Apportionment capacity identified in spreadsheet at Appendix A. The amount listed is the actual recycling component, averaged over the last three years.</p>

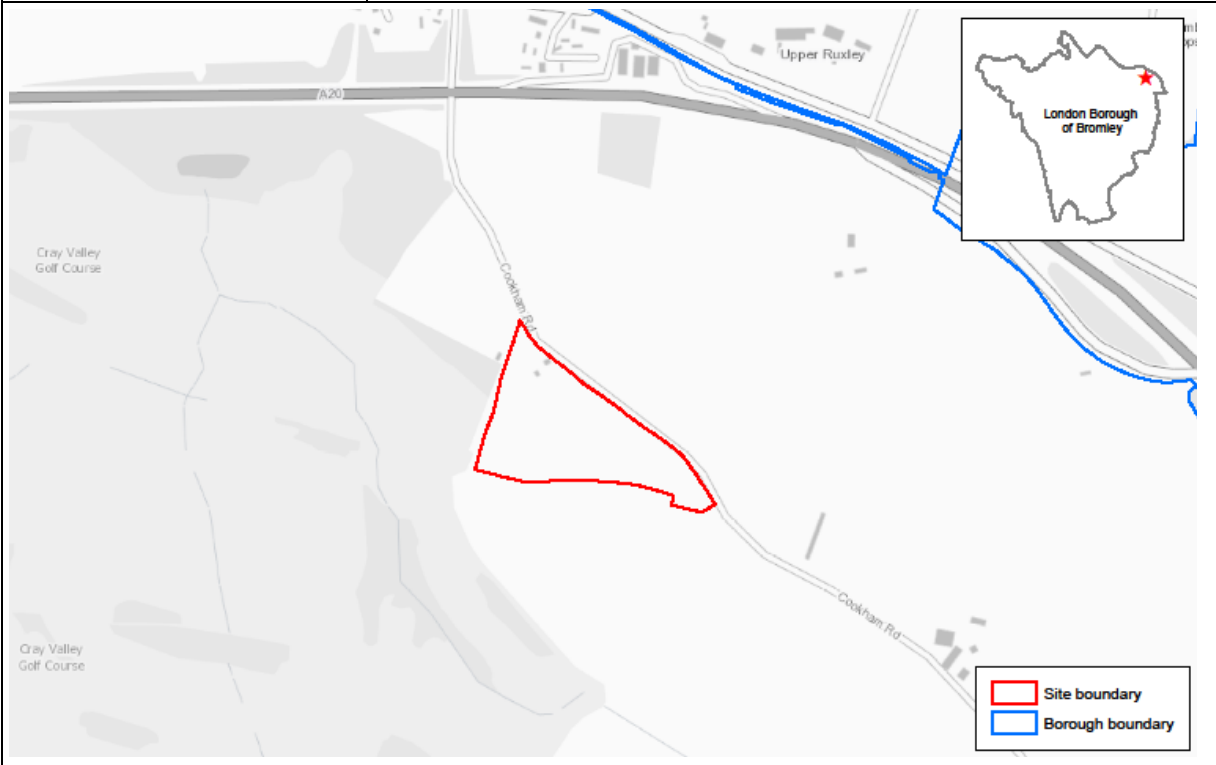
Facility name	Thames Road reuse and recycle centre and waste transfer station
Address	Thames Road, Crayford, DA1 5QJ [Site 2]



Facility name	Thames Road reuse and recycle centre and waste transfer station
	
Type of facility	Recycling, waste transfer
Type of waste	Municipal
Site Ownership	London Borough of Bexley
Operator/licences	SITA UK; Licence No: 19563; EPP No: P/15/01
Contractual arrangements	
Licensed capacity	74,999 tonnes
Average annual throughput*	43,446 tonnes. Currently operational.
Average current recycling/composting rate	71%
Future plans	As part of the new contract an 80% recycling rate will be expected by 2019/20.
Site area	2 ha
Apportionment capacity**	30,847 tonnes
Notes	<p>*Council facility. Annual throughput shown is actual waste tonnage averaged over the last three years.</p> <p>**Apportionment capacity identified in spreadsheet at Appendix A. The amount listed is the actual recycling component, averaged over the last three years.</p>
Facility name	Thames Road waste and street services vehicle depot
Address*	Thames Road, Crayford, DA1 5QJ [Site 2]

Facility name	Thames Road waste and street services vehicle depot
Type of facility	Best available technology
Type of waste	Mixture of MSW and C&I, depending on need
Site ownership	London Borough of Bexley
Operator/ licences	
Contractual arrangements	Currently used for storage of waste and street services fleet
Licensed capacity	N/A
Average annual throughput	N/A
Future plans	Option 6 of the draft Bexley Waste Management Strategy identifies the Depot part of the site to be used as a waste treatment facility. The Council Depot has thus been safeguarded for future waste facility uses
Site area	2.17 ha
Apportionment capacity**	173,600 tonnes
Notes	<p>*Part of LB Bexley’s Thames Road R&amp;RC and WTS site, the Council Depot (approx. 2.17 hectares in area) has been safeguarded for a future waste treatment facility, if needed. The capacity is estimated, based on the Jacob Babbie formula of 80,000 tonnes per hectare.</p> <p>**Apportionment capacity identified in spreadsheet at Appendix A. this will be monitored and updated in relation to any future decisions regarding the designated area for a planned facility and/or the type of waste treatment facility to be developed.</p>

**LONDON BOROUGH OF BROMLEY: Strategic waste sites – tables and maps**

<b>Facility name</b>	<b>Tamar Composting Facility, Cookham Road</b>
<b>Address</b>	Cookham Road, Swanley, DA14 5JA
	
<b>Type of facility</b>	Composting
<b>Type of waste</b>	Organic garden waste
<b>Site ownership</b>	Tamar Energy
<b>Operator/ licences</b>	Tamar Energy Ltd; Licence No: 10086; EPP No: EAWML10086
<b>Contractual arrangements</b>	
<b>Licensed capacity</b>	28,500 tonnes
<b>Average annual throughput*</b>	25,000 tonnes. Currently operational.
<b>Future plans</b>	
<b>Site area</b>	1.4 hectares
<b>Apportionment capacity**</b>	25,000 tonnes
<b>Notes</b>	<p>*The amount listed is the actual annual throughput (averaged over three years).</p> <p>**As this is a final residual waste disposal facility, 100% of the actual average annual throughput qualifies for inclusion into the apportionment capacity, which is identified in the spreadsheet at Appendix A.</p>

<b>Facility name</b>	<b>Churchfields Road reuse and recycle centre</b>
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<b>Facility name</b>	<b>Churchfields Road reuse and recycle centre</b>
<b>Address</b>	Churchfields Road, Beckenham, BR3 4QY
Type of facility	Waste and recycling
Type of waste	Municipal
Site ownership	London Borough of Bromley
Operator/ licences	Veolia E S (UK) Ltd; Licence No: 83235; EPP No: CRO08
Contractual arrangements	
Licensed capacity	
Average annual throughput*	20,926 tonnes. Currently operational.
Average current recycling/ composting rate	33%
Future plans	An uplift in the recycling rate of this council owned civic amenity site will be applied, 5% every five years, to 60% by 2031.
Site area	1.05 hectares
Apportionment capacity**	6,856 tonnes
Notes	*Council facility. Annual throughput shown is actual waste tonnage averaged over the last three years. **Apportionment capacity identified in spreadsheet at Appendix A. The amount listed is the actual recycling component, averaged over the last three years.

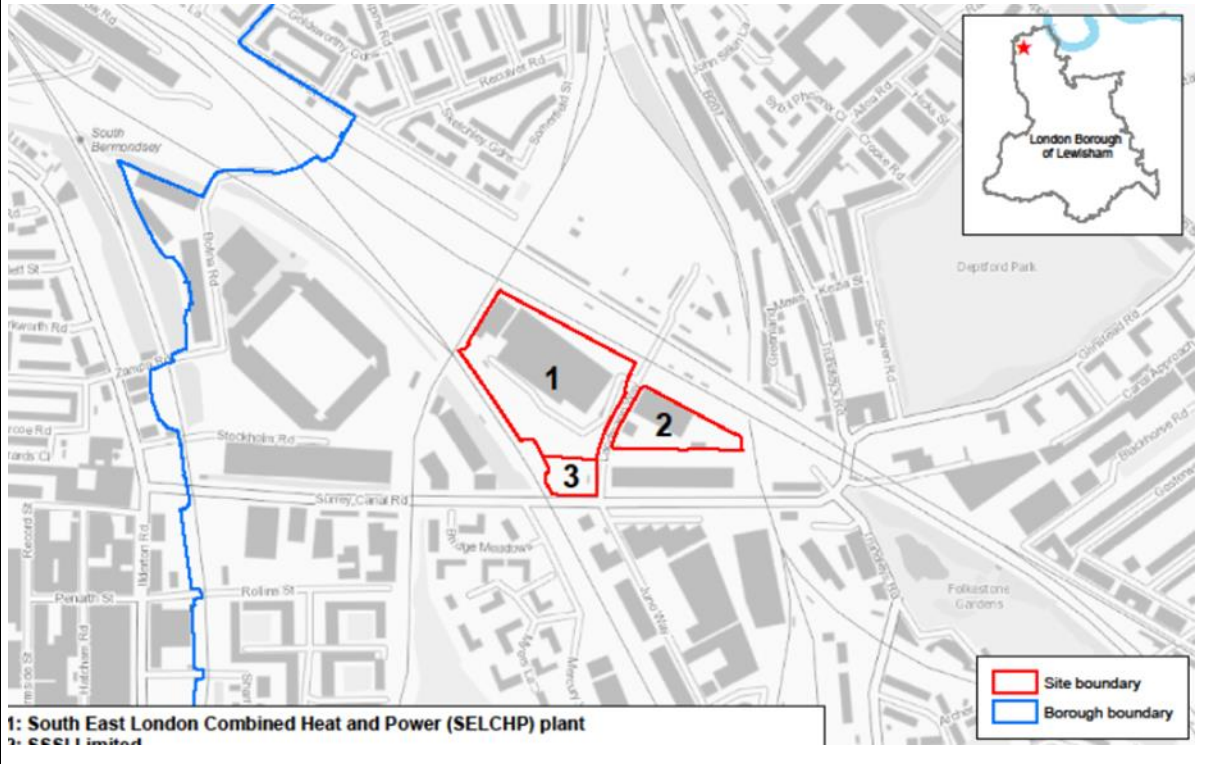
<b>Facility name</b>	<b>Waldo Road reuse and recycle centre and waste transfer station</b>
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<b>Facility name</b>	<b>Waldo Road reuse and recycle centre and waste transfer station</b>
<b>Address</b>	Waldo Road, Bromley, BR2 2QX
<b>Type of facility</b>	Recycling, waste transfer
<b>Type of waste</b>	Municipal, C&I
<b>Site ownership</b>	London Borough of Bromley
<b>Operator/licences</b>	Veolia E S (UK) Plc; Licence No: 83236; EPP No: DL310
<b>Contractual arrangements</b>	
<b>Licensed capacity</b>	
<b>Average annual throughput*</b>	128,532 tonnes. Currently operational.
<b>Average current recycling/composting rate</b>	43%
<b>Future plans</b>	An uplift in the recycling rate of this council owned civic amenity site will be applied, 5% every five years, to 60% by 2031.
<b>Site area</b>	1.38 hectares
<b>Apportionment capacity**</b>	55,679 tonnes
<b>Notes</b>	*Council facility. Annual throughput shown is actual waste tonnage averaged over the last three years. **Apportionment capacity identified in spreadsheet at Appendix A. The amount listed is the actual recycling component, averaged over the last three years.

**CITY OF LONDON: Strategic waste sites – tables and maps**

<b>Facility name</b>	<b>Walbrook Wharf waste transfer station</b>
<b>Address</b>	Upper Thames Street, EC4R 3TD
Type of facility	waste transfer station
Type of waste	General and building type waste
Site ownership	Corporation of London
Operator/ licences	Cory Riverside Energy; Licence No: 80359; EPP No: DP3691ND/S003
Contractual arrangements	Contract between Corporation of London and Cory Riverside Energy to remove waste until 2027
Licensed capacity	Maximum per day: Category A: 50 tonnes (building type waste). Categories B and C: 420 tonnes (general waste). Site is limited to 110,000 tonnes per annum by planning condition and 85,000 tonnes contractually as a safe operating limit.
Average annual throughput*	48,000 tonnes. Currently operational.
Future plans	No plans for further development
Site area	0.66 ha
Apportionment capacity*	0 tonnes
Notes	The site is in use as a waste transfer site utilising river transport. Vehicular access to and from Upper Thames Street needs to be maintained for both eastbound and westbound traffic in order to facilitate efficient operation of Walbrook Wharf. The site is predominantly surrounded by offices within the City of London along with some leisure uses.

**LONDON BOROUGH OF LEWISHAM: Strategic waste sites – tables and maps**

Facility name	South East London Combined Heat & Power (SELCHP) energy recovery facility
Address	Landmann Way, New Cross, Lewisham, SE14 5RS [Site 1]
 <p><b>1: South East London Combined Heat and Power (SELCHP) plant</b>  <b>2: SECL Limited</b></p>	
Type of facility	Incineration (Final residual waste disposal facility)
Type of waste	Municipal, C&I
Site Ownership	South East London Combined Heat & Power (SELCHP)
Operator/licences	Veolia ES (UK) Plc; Licence No: EPR/NP37385Y
Contractual arrangements	A commercial partnership between the public and private sectors, the facility is operated by Veolia Environmental Services
Licensed capacity	464,000 tonnes
Average annual throughput*	426,880 tonnes
Future plans	
Site area	2.30 ha
Apportionment capacity**	426,880 tonnes
Notes	<p>*The amount listed is 92% of the permitted capacity averaged over three years.</p> <p>**As this is a final residual waste disposal facility, 100% of the actual average annual throughput qualifies for inclusion into the apportionment capacity, which is identified in the spreadsheet at Appendix A.</p>

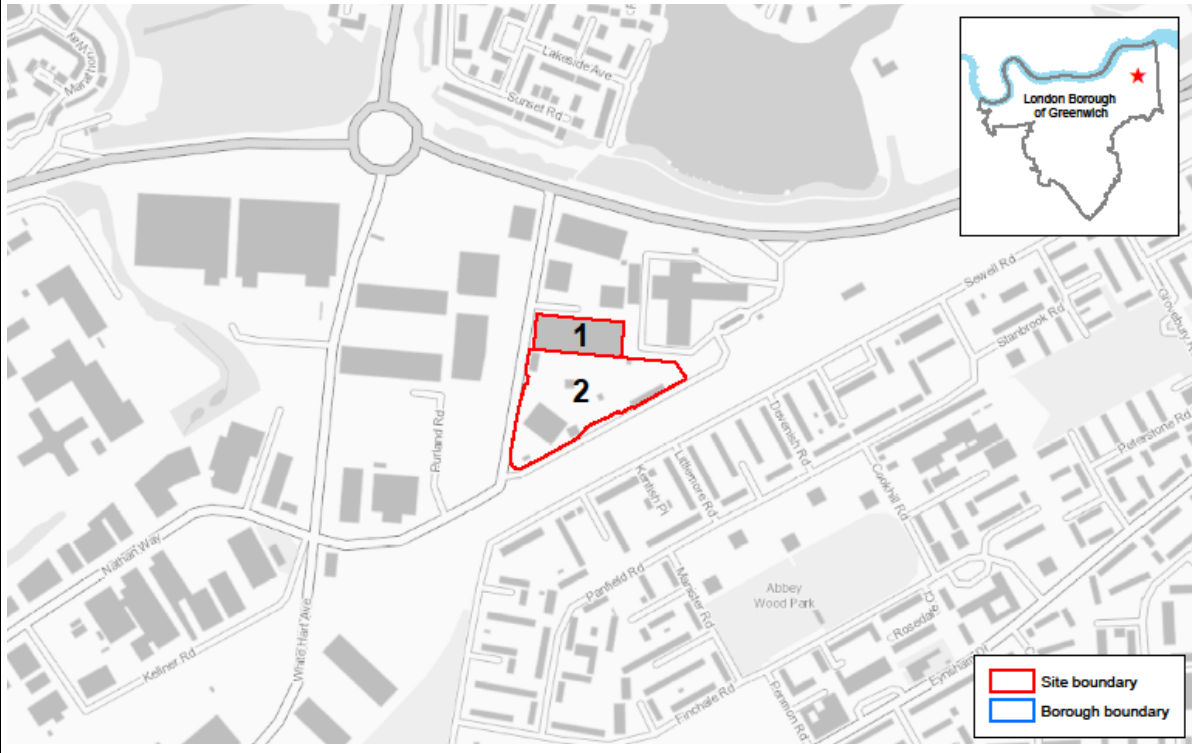
<b>Facility name</b>	<b>Deptford Recycling Centre</b>
<b>Address</b>	Landmann Way, New Cross, London SE14 5RS [Site 2, map on page B-22]
<p>The map shows the Deptford area in London. A blue line indicates the borough boundary. Three sites are outlined in red and numbered 1, 2, and 3. Site 1 is a large rectangular area, Site 2 is a smaller triangular area, and Site 3 is a small rectangular area. The map includes various streets such as Landmann Way, New Cross, and Deptford Park. An inset map in the top right corner shows the location of the London Borough of Lewisham with a red star marking the site location.</p>	
<p><b>1: South East London Combined Heat and Power (SELCHP) plant</b>  <b>© SSSI Limited</b></p>	
Type of facility	Recycling
Type of waste	Municipal, C&I
Site Ownership	SSSI Limited
Operator/licences	SSSI Limited; Licence No.: 83378
Contractual Arrangements	Generally ad hoc basis. Contract for Lewisham Market is in place
Licensed annual throughput*	130,000 tonnes
Average annual recycling tonnage*	52,000
Average recycling rate	40%
Future plans	To develop an almost fully automated material recycling facility aimed at dry comingled recyclates.
Site area	0.63 ha
Apportionment capacity**	52,000 tonnes
Notes	<p>*The capacities shown are actual throughputs and recycling tonnages averaged over the last three years. This facility is currently operational.</p> <p>**Apportionment capacity identified in spreadsheet at Appendix A</p>

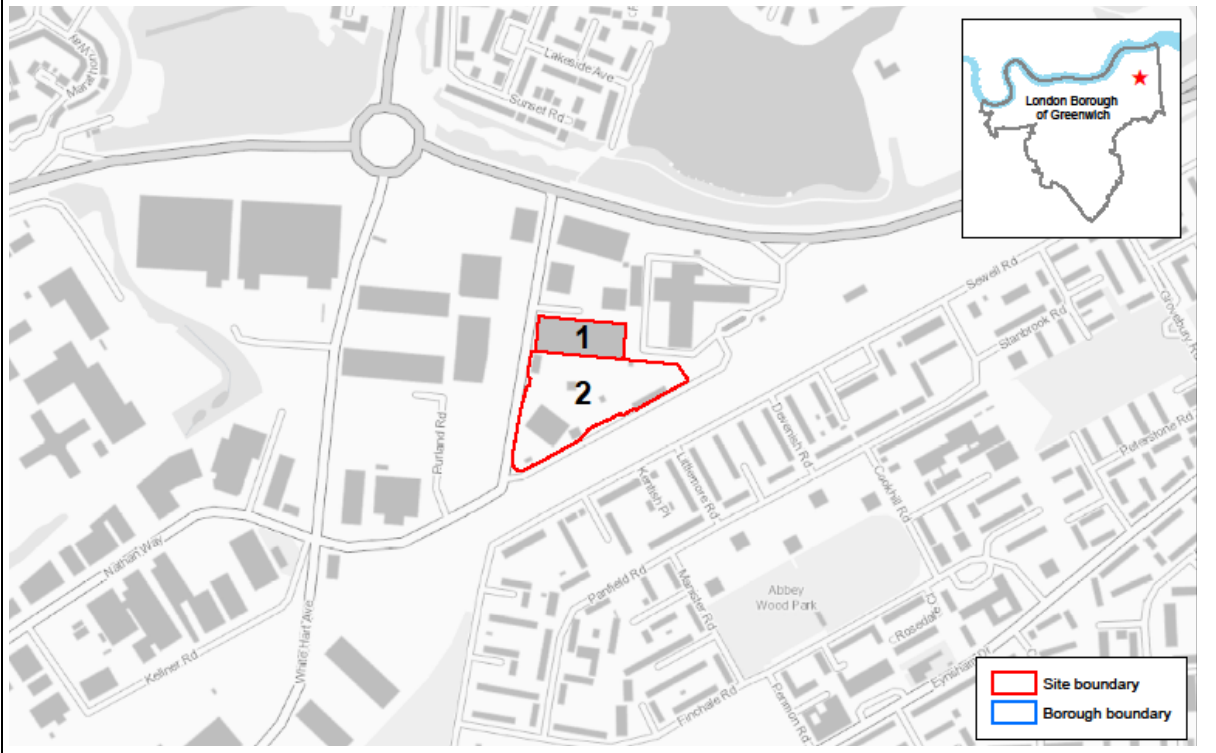


<b>Facility name</b>	<b>Landmann Way Reuse &amp; Recycling Centre</b>
<b>Address</b>	Landmann Way, New Cross, Lewisham, SE14 5RS [Site 3, map on page B-22]
<p><b>1: South East London Combined Heat and Power (SELCHP) plant</b>  <b>2: C&amp;A Limited</b></p> <p>Legend:  <span style="color:red">■</span> Site boundary  <span style="color:blue">■</span> Borough boundary</p>	
<b>Type of facility</b>	Recycling, waste transfer
<b>Type of waste</b>	Municipal
<b>Site Ownership</b>	London Borough of Lewisham
<b>Operator/licences</b>	LB Lewisham Licence No: 83355 EPP No.: EAWML 83355 Also, registered as a Hazardous Waste Producer, and that number is: NBN862
<b>Contractual Arrangements</b>	Provision of household waste & recycling site for Lewisham residents. No commercial waste allowed.
<b>Licensed capacity</b>	
<b>Average annual throughput*</b>	5660 tonnes
<b>Average current recycling/composting rate</b>	41%
<b>Future Plans</b>	An uplift in the recycling rate (as a proportion of the current average annual throughput) of this council owned civic amenity site will be applied, 5% every five years, to 60% by 2031.
<b>Site area</b>	0.24 ha

Apportionment capacity**	2,320 tonnes
Notes	<p>*Council facility. Annual throughput shown is actual waste tonnage averaged over the last three years. Currently operational.</p> <p>**Apportionment capacity identified in spreadsheet at Appendix A. The amount listed is the actual recycling component, averaged over the last three years.</p>

**ROYAL BOROUGH OF GREENWICH: Strategic waste sites – tables and maps**

Facility name	Old Integrated waste management and recycling facility
Address	Nathan Way, Thamesmead, SE28 0AN [Site 1]
	
Type of facility	Refuse derived fuel
Type of waste	Municipal; C&I
Site ownership	Tilfen Land
Operator/licences	Veolia E S (UK) Ltd Permit: EPR/DP3390EL
Contractual arrangements	Leased to the Royal Borough of Greenwich on 60 year lease to 2062. Sub-leased to Veolia on a 25 year contract to use site until 2027
Licensed capacity	60,000 tonnes p/a
Average annual throughput*	19,700
Future plans	N/A
Site area	0.40 hectares
Apportionment capacity*	32,000 tonnes
Notes	* Apportionment capacity is identified in spreadsheet at Appendix A. This will be monitored and updated in relation to any future decisions regarding the designated area for a planned facility and/or the type of waste treatment facility to be developed. Recycling tonnage is 1,819 tonnes (9.25% of throughput).
Facility name	Nathan Way reuse and recycle centre and waste transfer station
Address	Nathan Way, Thamesmead, SE28 0AN [Site 2]

Facility name	Nathan Way reuse and recycle centre and waste transfer station
 <p>The map displays the site boundary in red and the borough boundary in blue. The site is located in the eastern part of Greenwich, near the River Thames. The site is divided into two numbered areas, 1 and 2. An inset map shows the location of the site within the London Borough of Greenwich.</p>	
Type of facility	Recycling, waste transfer
Type of waste	Municipal, C&I
Site ownership	Royal Borough of Greenwich
Operator/licences	Veolia E S (UK) Ltd; Licence no: 83498; Permit: DP3390EL
Contractual arrangements	Contracted to June 2027
Licensed capacity	Reuse and recycling centre: 81,000 tonnes Waste transfer station: 300,000 tonnes
Average annual throughput*	68,211 tonnes. Currently operational.
Average current recycling/composting rate	50%
Future plans	An uplift in the recycling rate (as a proportion of the current average annual throughput) of this Council owned civic amenity site will be applied, 5% every five years, to 60% by 2031.
Site area	1.48 hectares
Apportionment capacity**	34,106 tonnes
Notes	*Council facility. Annual throughput shown is actual waste tonnage averaged over the last three years. **Apportionment capacity identified in spreadsheet at Appendix A. The amount listed is the actual recycling component, averaged over the last three years.

<b>Facility</b>	<b>Recycling Centre, Day's Aggregates</b>
<b>Address</b>	Murphy's Wharf, Lombard Wall, Charlton, London, SE7 7SH [Site 1]
<p>The map displays the site area in Charlton, London, SE7 7SH. Two specific sites are highlighted with red outlines and labeled '1' and '2'. Site 1 is a larger rectangular area, while Site 2 is a smaller, irregularly shaped area. A blue outline indicates the London Borough of Greenwich boundary. An inset map in the top right corner shows the location of the site within the London Borough of Greenwich. A legend in the bottom right corner identifies the red outline as 'Site boundary' and the blue outline as 'Borough boundary'.</p>	
Type of facility	Recycled aggregates for reuse
Type of waste	Commercial and industrial; Construction, demolition and excavation
Site ownership	Day Group Ltd
Operator/licences	Day Group Ltd Licence No: 83515
Contractual arrangements	
Licensed capacity	N/A
Average annual throughput*	280,000 tonnes (30,000 tonnes for C&I, 250,000 tonnes for C&D)
Future plans	No plans for further development
Site area	2.34 ha
Apportionment capacity	28,500 tonnes
Notes	*The site processes 30,000 tonnes of glass waste per annum with an average annual 95% recycling rate, and 250,000 tonnes of C&D waste, with an average annual 99% recycling rate. The amount shown does not include C&D. Currently operational. Granite Sub-Bases, Recycled Materials, Sharp Washed Sand, Recycled Glass Sand, Hydraulically Bound Mixtures, Concrete and Asphalt recycling **Apportionment capacity identified in spreadsheet at Appendix A

<b>Facility</b>	<b>Greenwich Integrated Waste Management &amp; Recycling Facility</b>
Address	Peter Norris (Haulage) Ltd, , Greenwich Transfer Station, Horn Link Way, Greenwich, London SE10 0RT [Site 2]
Type of facility	Transfer station
Type of waste	Commercial and industrial
Site ownership	Peter Norris (Haulage) Ltd
Operator/ licences	Permit transferred from Murphy's Waste Ltd to Peter Norris (Haulage) Ltd in September 2015 Licence No: 83511 Permit: DP3590EG
Contractual arrangements	
Licensed annual throughput	
Average annual recycling tonnage*	4,466 tonnes, based on 80% overall recycling rate
Future plans	No plans for further redevelopment
Site area	0.6 hectares
Apportionment capacity	4,466 tonnes per annum
Notes	Currently operational

