

14th August 2013



*East of England Aggregates
Working Party*

Annual Monitoring Report 2012

14th August 2013

Produced by The Minerals and Waste Planning Shared Service for Central Bedfordshire, Bedford Borough and Luton Borough Councils on behalf of the East of England Aggregates Working Party (EEAWP)

For further details about the contents of this document please contact:

Susan Marsh EEAWP Secretary
Minerals and Waste Planning Team: Shared Service for Central Bedfordshire,
Bedford Borough and Luton Borough Councils
Central Bedfordshire Council, Priory House,
Monks Walk,
Chicksands,
Shefford,
Bedfordshire,
SG17 5TQ

Email: mwplans@centralbedfordshire.gov.uk

Telephone: 0300 300 6032

Contents Page

	Page no.
Section 1: Introduction	
Background	1
Government Guidance	2
Section 2: Aggregate Sales, Reserves and Landbanks	4
Sand, gravel and crushed rock	4
Aggregate sales	5
Aggregate reserves	7
Section 3: Non Energy Minerals	9
Non energy minerals (chalk, building stone) sales	9
Section 4: Secondary and Recycled Aggregates	9
Secondary and Recycled Aggregates Location of Recycling Facilities	9
Section 5: Road Planings	10
Road Planings tonnages produced	10
Section 6: Imports and Exports between AWP areas	10
Railhead facilities Imports and Exports	11
Wharves Imports and Exports	11
Section 7 : Major Construction Projects	12
Major Construction Projects	12
Section 8: Major Trends and Events	13
East of England	13
Bedford, Central Bedfordshire and Luton	13
Cambridgeshire and Peterborough	13
Essex, Thurrock and Southend-on-Sea	14

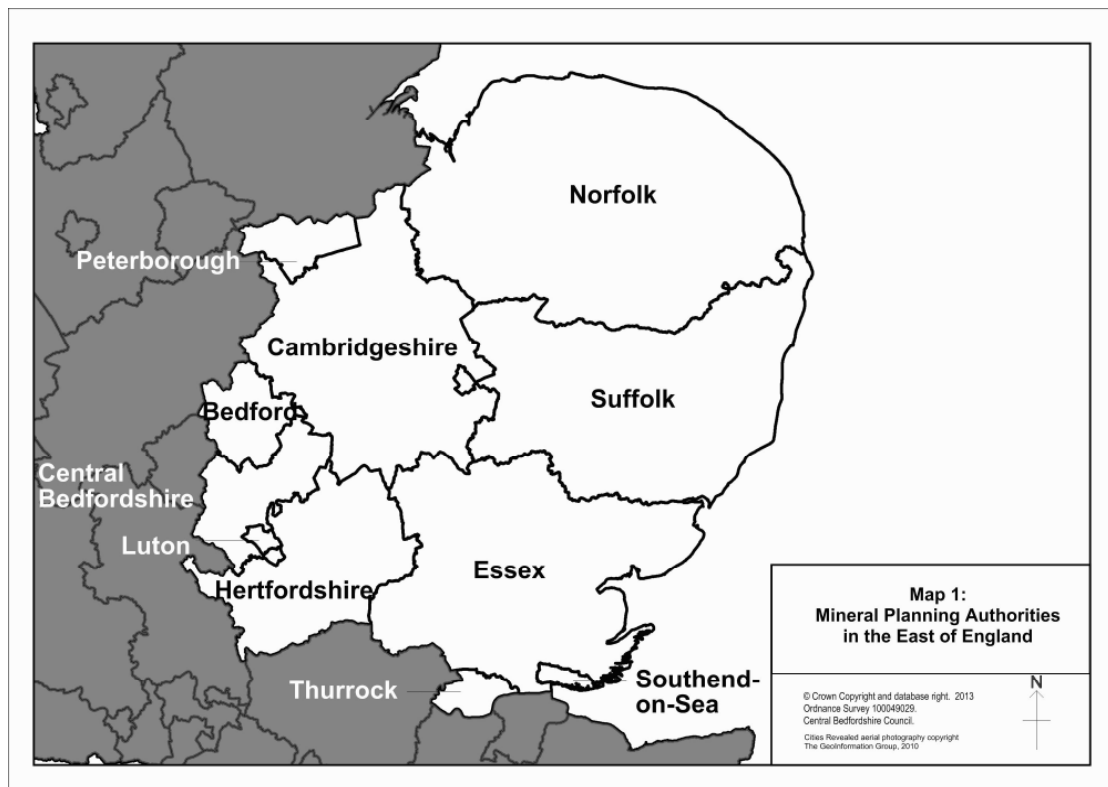
Hertfordshire	14
Norfolk	14
Suffolk	14
Section 9: Appendices	15
1: Applications Approved, Refused, Withdrawn and Undetermined in 2012	15
2: Aggregate Sales in the East of England (2003-2012)	19
3: Aggregate Reserves in the East of England (2003-2012)	20
4: Key Milestones for Minerals LDDs.	21
5: Membership of the East of England Aggregate Working Party	24
6: AWP Activities in 2012	25
7: Active and Inactive Aggregate sites, rail depots and wharves	25
8: Permitted Aggregate Recycling sites in 2012	33

Section 1: Introduction

Background

The Aggregates Working Parties¹ (AWPs) were established in the 1970s to collect and monitor data on aggregates provision as an aid to minerals planning. AWP are joint local government-central government-industry bodies that monitor the supply of, demand for, and reserves of, all aggregates including both primary aggregate and alternative sources in local authority areas. They also consider the implications of supply to, and from, these areas. They are not policy-making bodies, but provide information to facilitate the work of Mineral Planning Authorities (MPAs), national government agencies and the minerals industry. They also feed regional views to the Government through the national forum, the National Co-ordinating Group (NCG).

The AWP operate under contracts between the Secretary of State for Communities and Local Government and the Chairs of the AWP, and receive funding from the Department to prepare papers, reports, and data collations as recommended by the NCG.



The East of England Aggregates Working Party (EEAWP) was established in 2001. It comprises the former East Anglia MPAs (Norfolk, Suffolk, Cambridgeshire and Peterborough), MPAs from the former South East

¹ Were previously known as Regional Aggregate Working Parties but has now changed to reflect national guidelines.

(Essex, Southend-on-Sea, Thurrock, Hertfordshire, Central Bedfordshire, Bedford and Luton).

EEAWP is chaired by a Chief Planning Officer or Director from one of the MPAs. The 2012 Chairman was Andrew Cook of Essex County Council. The AWP is also serviced by a Technical Secretary, who for 2012 was Roy Leavitt of Essex County Council who retired in December 2012.

The membership of the East of England AWP for 2012 is set out in Appendix 5.

The main matters that the East of England AWP considered at its meetings in 2012 is set out in Appendix 6.

Government Guidance

National and Regional Guidelines for Aggregates Provision 2009

In June 2009 the National and Regional guidelines for aggregates provision in England were revised (superseding those published in 2003). This stated that an estimated 236 million tonnes (mt) of land won sand and gravel will need to be provided for in the East of England region during the 16 year period 2005-2020. This equates to 14.75 million tonnes per annum (mtpa), a reduction of 1.25mtpa reduction from the 2003 Guidelines. A copy of the 2009 Guidelines is available on the Communities and Local Government (CLG) website:

<http://www.communities.gov.uk/publications/planningandbuilding/aggregatesprovision2020>

The apportionment of the regional guidelines to sub-regional areas (Mineral Planning Authorities) within the East of England was the responsibility of the Regional Planning Board (RPB), with advice from the East of England Aggregates Working Party including the Mineral Planning Authorities (MPAs). This Board was abolished in 2009.

The 2005-2020 Guidelines set out the sub-regional apportionment for each MPA.

Table 1 below sets out the average annual call on reserves of sand and gravel and crushed rock in the East of England as set out in the sub-regional apportionment.

**Average Annual Call on Reserves of sand and gravel and crushed rock
in the East of England 2005-2020 as set out in the sub-regional
apportionment**

Sand and Gravel	(Thousand Tonnes)
Bedford / Central Bedfordshire / Luton	1,840
Cambridgeshire / Peterborough	2,880
Essex / Thurrock / Southend-on-Sea	4,450
Hertfordshire	1,390
Norfolk	2,570
Suffolk	1,620
Total	14,750
Crushed rock	
Cambridgeshire / Peterborough	200
Norfolk (Carstone)	200
Total	400

The National Planning Policy Framework

The National Planning Policy Framework (NPPF) came into force in March 2012. The NPPF is an important document that sets a presumption in favour of sustainable development and seeks to facilitate the sustainable use of minerals. It recognises that it is important that there is a sufficient supply of material to provide the infrastructure, buildings, energy and goods that the country needs but also that minerals are a finite source which can only be worked where they are found.

The NPPF (Paragraph 145) requires Mineral Planning Authorities to plan for a steady and adequate supply of aggregates by:

- Preparing a Local Aggregate Assessment based on a rolling average of 10 year sales data and other relevant information, and an assessment of all supply options (including marine, dredged, secondary and recycled sources).
- Participating in the operation of an Aggregate Working Party and taking the advice of that Party into account when preparing their Local Aggregate Assessment;
- Making provision for the land-won and other elements of their Local Aggregate Assessment in their mineral plans taking account of the advice of the Aggregate Working Parties and national Aggregate Co-ordinating group as appropriate;

- Taking account of published National and Sub National Guidelines on future provision which should be used as a guideline when planning for the future demand for and supply of aggregates;
- Using landbanks of aggregate minerals reserves principally as an indicator of the security of aggregate minerals supply, and to indicate the additional provision that needs to be made for new aggregate extraction and alternative supplies in mineral plans;
- Making provision for the maintenance of landbanks of at least 7 years for sand and gravel and at least 10 years for crushed rock, whilst ensuring that the capacity of operations to supply a wide range of materials is not compromised.

Paragraph 143 (bullet 2) of the NPPF specifically requires Local Planning Authorities, when preparing plans, to take account of the contribution that substitute or secondary and recycled materials and minerals waste would make to the supply of materials, before considering the extraction of minerals, whilst aiming to source minerals supplies indigenously.

Guidance on the Managed Aggregate Supply System (MASS)

Paragraphs 7-9 of the 2012 DCLG Guidance document recognises the important role the Aggregate Working Parties play in monitoring the extraction of aggregate. This is essential to ensure that an adequate supply of aggregate is maintained. The guidance document also requires AWP's to provide technical advice on relevant Local Aggregate Assessments and assess whether the AWP area is making a full contribution towards meeting local and national needs.

Section 2: Aggregate Sales, Reserves and Landbanks

Sand and gravel

Aggregate sand and gravel is found throughout the East of England and all the MPAs contribute towards the sub-national apportionment.

A list of existing active and inactive aggregate sites is set out in Appendix 7.

Crushed rock

The crushed rock resource in the East of England is not of sufficiently high quality for it to be economic to transport any significant distance and is therefore not a truly regional resource. However, it is a non energy mineral that may be used in substitution for aggregate in some situations depending on specification.

Whilst the 2009 DCLG guidelines have resulted in the reduction in the Cambridgeshire and Peterborough apportionment figure for Crushed Rock to

200,000tpa; the Cambridgeshire and Peterborough MPAs intend to maintain a landbank based on an extraction rate of 300,000tpa (Cambridgeshire and Peterborough Minerals and Waste Core Strategy policy C56).

Norfolk intend to continue to maintain the 200,000 tpa crushed rock apportionment (Core Strategy and Minerals and Waste Development Management Policies Development Plan Document 2010-2026).

Aggregate Sales

The table below and Figures 1 and 2 show sales data of aggregate for MPA's in the East of England. A full list of sales data for the 10 year period from 2002-2011 is available in Appendix 2.

Table 1 Land-Won Aggregates: Sales 2010-2012

	2010	2011	2012	Average 2010-2012
Sand & Gravel	(Thousand tonnes)			
Bedford, Central Bedfordshire & Luton	1,040	1115	1,197* ²	1,117
Cambridgeshire & Peterborough	1,800	1,703	1,783	1,762
Essex, Thurrock & Southend	2,986	2,803	2,303	2,697
Hertfordshire	1,173	1,268	1,124** ³	1,188
Norfolk	1,186	1,290	1,131	1,202
Suffolk	1,104	1,078	1,088	1,090
East of England	9.3mt	9.3mt	8.6mt	9.1mt
	2010	2011	2012	Average 2010-2012
Crushed rock	(Thousand tonnes)			
East of England ***⁴	228	262	287	259

² The collated results from the AWP survey indicate aggregate sand and gravel sales at sites within Bedford Borough and Central Bedfordshire totalled 1,086,227 tonnes. However a number of operators failed to submit an annual return. To avoid under-reporting sales and reserves the Shared Service has included estimates of sales and reserve figures for sites without a submitted mineral survey.

³ No return provided a figure for soft sand reserves in 2012.

⁴ *** note: sales for Cambridgeshire, Peterborough and Norfolk have been aggregated for confidentiality reasons).

Figure 1: Sales of Sand and Gravel in the East of England 2003-2012

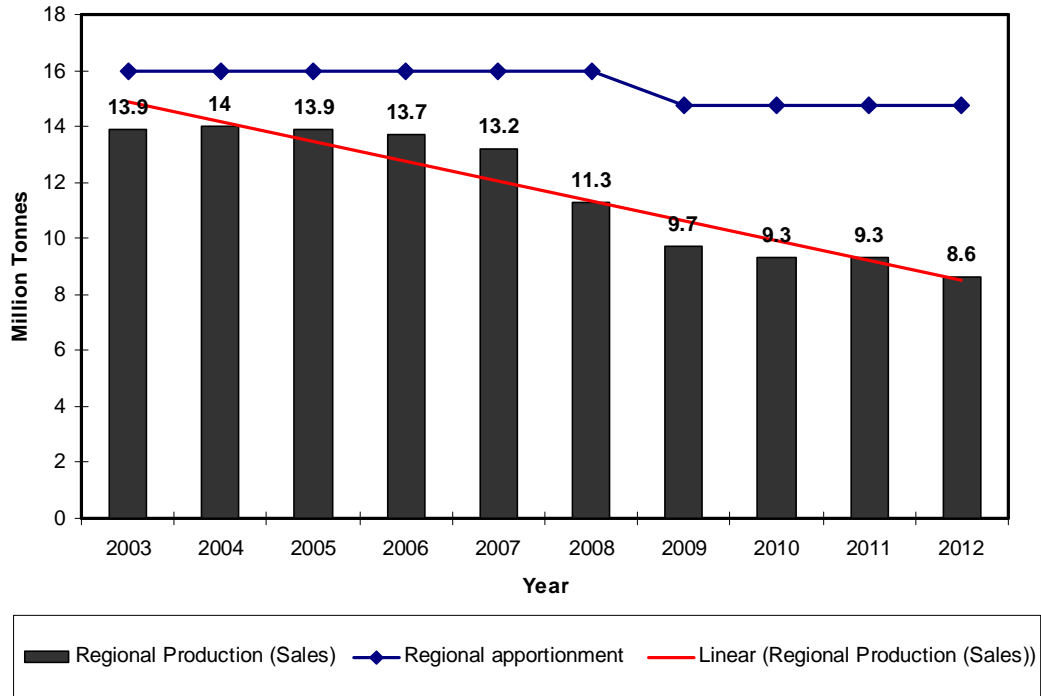
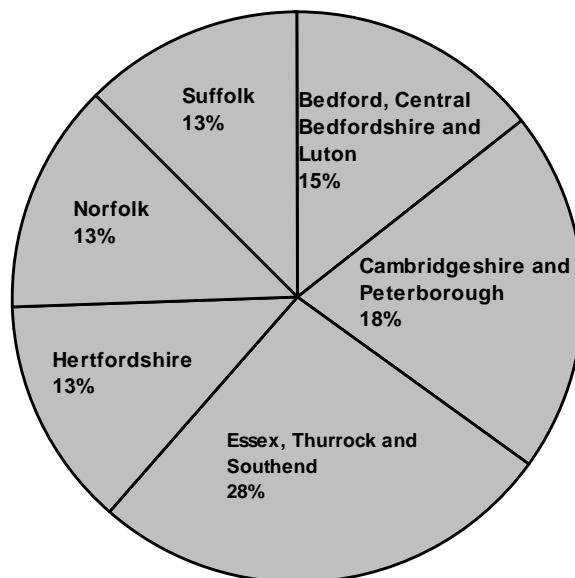


Figure 2: Proportion of Sand and Gravel Sales by MPA 2012



Aggregate Reserves

The table below and Figures 3 and 4 show aggregate reserves within the East of England. A full list of reserves data covering the period 2003 – 2012 is available in Appendix 3. A list of permissions granted, refused or withdrawn in each MPA is set out in Appendix 1 and provides an indication of the reserves coming forward in each area.

Land-Won Aggregates: Reserves and Landbanks 2012

	Reserves (as at 31/12/12) ⁵	Sub-Regional Apportionment	
		Annual Call on Reserves (2005-20)	Landbank (years) (as at 31/12/12)
Sand & Gravel	(million tonnes)		(Years)
Bedfordshire & Luton	21.7	1.84	11.8
Cambridgeshire & Peterborough	46.8	2.88	16.3
Essex, Thurrock & Southend-on-sea	35.5	4.45	8
Hertfordshire	15.8	1.39	11.4
Norfolk	14.6	2.57	5.7
Suffolk	14.1	1.62	8.7
East of England	148.4mt	14.75mt	10.1 years
Crushed rock		Thousand tonnes	
Cambridgeshire and Peterborough limestone	3.826*	200	19
Norfolk carstone	1.684	200	8

*Reserves at end of 2012 lower than '2011 reserves minus 2012 sales' due to reassessment of reserves by operator on one site.

Figure 3: Reserves of Sand and Gravel by MPA (2012)

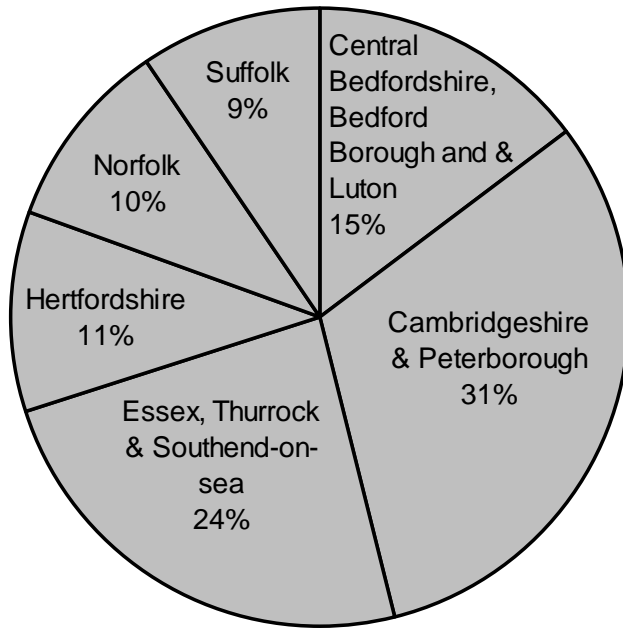
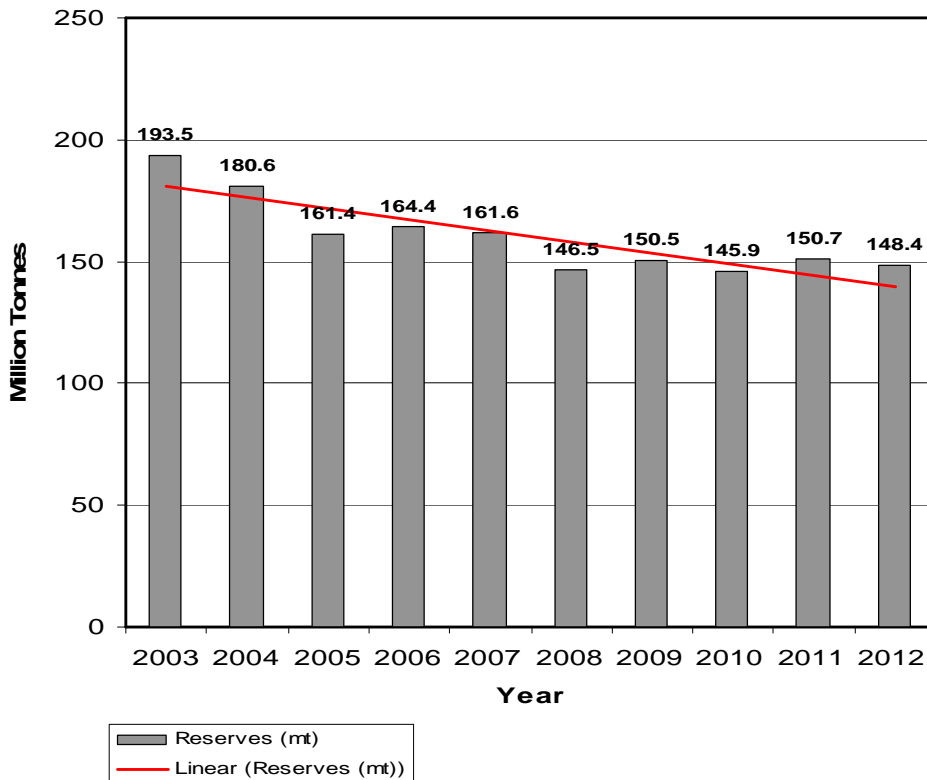


Figure 4: Reserves of Sand and Gravel in the East of England 2003-2012



Section 3: Non-Energy Minerals

For the first time this year DCLG is requiring data on sales and reserves of non energy minerals other than aggregate sand gravel and crushed rock, to be included within the Annual Monitoring Report. This, it is assumed, only relates to minerals which potentially substitute for aggregate. In general terms this is likely to be chalk, building stone and clay.

Section 4: Secondary and Recycled Aggregates

The NPPF specifically requires MPAs to take account of the contribution made by substitute, secondary and recycled aggregates before considering the extraction of indigenous materials.

Secondary aggregates are produced as a by-product of other mining or quarrying activities and may include china clay and slate waste. They can also be created as a by-product of industrial processes. These include incinerator bottom ash and blast furnace slag.

Recycled aggregates comprise materials produced by the recycling of construction and demolition waste and include crushed concrete, bricks, glass, asphalt planings and spent rail ballast.

Even though these materials play an increasingly important role as a substitute for primary aggregates it is difficult to obtain accurate figures of the volumes produced.

Location of Recycling Facilities

The locations of permanent recycling facilities throughout the East of England are set out in Appendix 8.

Section 5: Road Planings arisings

For the first time this year DCLG is also requiring information on road planing arisings. The Highway Authorities for each MPA are likely to hold data on the volumes and tonnages of road planings produced in 2012. The following table states road planing arisings in 2012.

Tonnage of Road Planing Arisings produced in East of England 2012

Authority	Tonnage of road planing arisings (2012)
Bedford, Central Bedfordshire	23,495
Cambridgeshire & Peterborough	38,945
Essex, Thurrock & Southend- on-sea	Approximately 70,000
Hertfordshire	63,192
Norfolk	11,477
Suffolk	2,000* ⁶

Section 6: Imports and Exports between AWP Areas

For the first time this year DCLG is requiring the Annual Monitoring Report to include data on imports and exports between AWP areas. This will focus on wharves and railhead facilities.

⁶ 2000 tonnes of road planing were dealt with at the surveyed minerals sites. Unfortunately, this figure does not include any information from waste operators, other secondary aggregate operators or the Suffolk Highway division.

Imports

In 2012 the East of England AWP area imported 1.4 million tonnes of aggregate from outside the East of England via aggregate rail depots, the majority of which was classified as Crushed rock from the East Midlands area (see table below).

Source of aggregate	Tonnage imported via rail depots in 2012
East Midlands AWP area	1,281,741
London AWP area	32,552
North East AWP area	2,476
South East AWP area	351
South West AWP area	82,645
Total	1.4 million tonnes

In 2012 the East of England AWP also imported significant tonnage of aggregate via wharfs within the EEAWP area, as shown in the table below:

Source of aggregate	Tonnage imported via wharfs in 2012
Unknown Origin	248,835
Outside of England	8,000
Outside of UK	207,956
UK marine dredged	340,515
Total	805,306

Exports

In 2012 the EEAWP area exported 146,814 tonnes of aggregate to the London AWP via rail and wharfs, and 383,424 tonnes to unknown locations.

Appendix 7 sets out the locations of Rail Depots and Wharves in the East of England in 2012.

Section 7: Major Construction Projects

For the first time this year DCLG is requiring the Annual Monitoring Report to include information on major construction projects within the East of England.

The table below sets out those construction projects that have been identified in the East of England as commencing or ongoing in 2012.

Major Construction Projects in the East of England 2012

Mineral Planning Authority	Major Construction Projects
Bedford, Central Bedfordshire, Luton	Woburn Wood Centre Parcs
Cambridgeshire & Peterborough	<p><u>East Coast Main line:</u></p> <ul style="list-style-type: none"> - Improvement to Peterborough station. - Improvement to Nene sidings <p><u>Hampton Urban Extension</u> (Peterborough)- 5000+ dwellings and employment land development under construction.</p> <p><u>Cambridgeshire Southern Fringe</u> 4257 homes across four sites under construction.</p>
Essex, Thurrock & Southend- on- sea	The Crossrail rail infrastructure project and will link Maidenhead (Berkshire) to Shenfield (Essex). The project will include a significant amount of tunnelling works.
Hertfordshire	M25 widening (Junctions 17 to 23) completed in June 2012
Norfolk	No major projects were undertaken in 2012.
Suffolk	The Great Blakenham Energy from Waste Facility.

Section 8: Major Trends and Events

East of England – Update

The sales of sand and gravel in the East of England during 2012 was 8.6 million tonnes (mt). This represents a 5.6% fall in the levels of sales experienced in 2011 and a 38% drop since 2003.

Permitted reserves of sand and gravel within the East of England at the end of 2012 stood at 148.4 mt. This represents a 1.5% decrease since 2011. Using the apportionment figure derived from the National and Regional Guidelines 2005-2020 the landbank for the East of England now stands at 10.1 years.

The distribution of permitted reserves for sand and gravel between MPA's as shown in Figure 3 remains broadly comparable with recent years. Cambridgeshire and Peterborough and Bedford, Central Bedfordshire & Luton have slightly increased their reserve proportion, while Norfolk and Essex, Thurrock and Southend-on-Sea slightly decreased in their reserve proportion since 2011.

In terms of the level of new aggregate permissions in the East of England a total of 8 million tonnes of sand and gravel was approved during 2012 whilst 6 million tonnes was refused. The large increase was mainly due to permission being granted for the extension to Maxey quarry (Peterborough) and the extension to Grovebury quarry (Central Bedfordshire) which amounted to 3.8mt and 1.2mt respectively of additional reserves being released. Further details on aggregate applications determined within the region are available within Appendix 1.

Bedford Borough, Central Bedfordshire and Luton

The aggregate sand and gravel sales for Bedford, Central Bedfordshire and Luton have increased by 7% since 2011. The 10 year sales average in the area now stands at 1.37mt.

Reserves of sand and gravel in the area have seen a 0.6% increase over the previous year which results in a landbank of 11.8 years.

Cambridgeshire and Peterborough

In Cambridgeshire and Peterborough sales of sand and gravel have increased to 1.183mt which is 4.6% greater than those previously experienced in 2011. Aggregate sand and gravel reserves for Cambridgeshire and Peterborough have increased by 3.4% since 2011. This is mainly due to a new permission being issued for 3.8mt. Based on the available figures the landbank is 16.3 years.

Cambridgeshire and Peterborough is also required to meet an apportionment

for the production of crushed rock, namely limestone. Sales information pertaining to crushed rock in Cambridgeshire and Peterborough have been collated with sales in Norfolk for confidentiality reasons.

Reserves of limestone have decreased by 10% since the previous year to 3.8mt which results in a landbank of 19.1 years.

Essex, Thurrock and Southend-on-Sea

The sales of sand and gravel for the Essex area have seen a decrease of 17.8% over the previous year's production level. The 10 year sales average from the Essex area equates to 3.5mt. Reserves within Essex for 2012 have had a decrease of 4.1% over those recorded for the previous year. The landbank for sand and gravel in the Essex area now stands at 8 years.

Hertfordshire

Sales of sand and gravel in Hertfordshire during 2012 have decreased by 11% since 2011 which results in a 10 year sales average of 1.128mt. The reserves of sand and gravel in the area have seen a small decrease of 5% since the previous year and now stand at 15.8mt. This represents a small decrease over what was recorded in 2011. The landbank for sand and gravel in Hertfordshire 2012 now stands at 11.3 years.

Norfolk

Within Norfolk the sales of sand and gravel have decreased by 12% since 2011 to 1.13mt. The level of reserves for Norfolk currently stands at 1.46mt which is a 9% decrease on the previous year. The landbank for sand and gravel in 2012 is now 5.7 years.

Norfolk is also required to meet an apportionment for crushed rock, namely carstone, in addition to that for sand and gravel. The sales of Norfolk carstone and Cambridgeshire and Peterborough crushed rock for 2012 were recorded as 286,738 tonnes. This equates to a 24,738 tonne decrease since 2011.

Suffolk

Sales of sand and gravel for Suffolk in 2012 were recorded as 1.088mt which represents an increase of 1% from the previous year. Reserves of sand and gravel in the area have seen a 0.4% decrease on the previous year's figures and now stand at 14mt. This results in a landbank for sand and gravel of 8.7 years.

Appendix 1: Applications Approved, Refused, Withdrawn and Undetermined 2012

MPA	Site Name	Mineral	Description	Grid Ref	Decision	Tonnage
Quarries						
Bedford, Central Bedfordshire & Luton	Grovebury Quarry, Grovebury Road, Leighton Buzzard, LU7 9BP (SB/08/00856/MW)	Sand and Gravel and Silica Sand	Continuation of extraction and processing of silica sand together with an eastern quarry extension (BC/CM/2008/21 refers)	492533 223015	Granted	2,700,000 tonnes (1,242,000 of which is classified as aggregate sand and gravel)
TOTAL ADDITIONAL PERMITTED RESERVES						1,242,000 tonnes

Cambridgeshire & Peterborough	Lyons Farm, Wimblington Fen, Wimblington, Cambridgeshire	Sand and Gravel	Construction of two agricultural irrigation reservoirs	545124 289198	Granted	685,000
	Block Fen Quarry, Block Fen Drove, Chatteris, Cambridgeshire, CB26 2AY	Sand and Gravel	First periodic review of mineral permission	542500 284000	Granted	9,360,000
	Land off Green End, New	Sand	Construction of agricultural	547762	Undetermined	32,000

	Farm, Landbeach	and Gravel	reservoir	266729		
	Bridge Farm, Cambridgeshire	Sand and Gravel	Mineral extraction associated with construction of agricultural reservoirs	539500 276500	Undetermined.	760,000
	Maxey Quarry, Maxey, Peterborough, PE6 9EE	Sand and Gravel	Extraction of sand and gravel as extension to Maxey Quarry	513627 306799	Granted	3,800,000
TOTAL ADDITIONAL PERMITTED RESERVES	5,485,000 tonnes (includes 1mt given permission in 2011, but not recorded)					

Essex, Thurrock & Southend-on-sea	Bradwell Quarry	Sand & Gravel	Quarry extension. 900,000t proposed for extraction, but would only represent 250,000t in additional material already permitted under a previous permission.	58198 22108	Approved	250,000
	Manning Grove, Great Bromley	Sand and Gravel	New Quarry – Agricultural Reservoir	58900 20855	Refused	630,000
	Elsenham Quarry	Sand	Quarry extension	55486 22691	Refused	4,000,000
	Cobbs Farm, Goldhanger	Sand & Gravel	New Quarry – Agricultural Reservoir	58900 20855	Granted on Appeal	630,000
TOTAL ADDITIONAL PERMITTED RESERVES						880,000 tonnes

Hertfordshire	No applications for aggregate extraction were determined in 2012.
----------------------	---

Norfolk	Horstead	S&G	Extension	624987,32 0190	Permitted	350,000
	Haddiscoe	S & G	New Quarry	643816,29 7233	Refused	1,450,000
TOTAL ADDITIONAL PERMITTED RESERVES						350,000 tonnes

Suffolk	Park Farm Quarry, Flixton/Homersfield	Sand & Gravel	Extension	629760.28 6440	Approved	671,000
	North Farm Borrow Pit, Barnham	Sand & Gravel	Borrow Pit	586080.27 9170	Approved	400,000
TOTAL ADDITIONAL PERMITTED RESERVES						1,071,000 tonnes

Wharves

No applications for new wharves or increase in tonnages at existing wharves were determined by MPAs in the East of England during 2012.

Rail Depots

No applications for new rail depots or increase in tonnages at existing rail depots were determined by MPAs in the East of England during 2012.

Aggregate Recycling						
Bedford, Central Bedfordshire & Luton	None					
Cambridgeshire & Peterborough	Apex Plant Hire Ltd, Construction House, Fengate, Peterborough	Predominantly CDE wastes	Skip Waste Recycling Centre	520803 298590	Granted	60,000tpa
Essex, Thurrock & Southend-on-sea	Parkeston Quay Depot	C&D Recycling	Aggregate Recycling		Granted	20,000 tpa
	Land at Ashtree Farm	C&D Recycling	Aggregate Recycling		Refused	22,000 tpa
Hertfordshire	None					
Norfolk	None					
Suffolk	Bentwaters Park, Rendlesham	Hardcore Soils	Crushing, grading, screening	635011.25 3397	Approved	N/A
	Bentwaters Park, Rendlesham	Hardcore Soils	Article 30	635011.25 3397	Approved	N/A
	Lakenheath Recycling Centre	Hardcore Soils	CLU	572501.27 8934	Undetermined	N/A
			TOTAL:	Agg Recycling Approved:		80,000tpa
				Agg Recycling Refused:		22,000tpa

Appendix 2: Aggregate Sales in the East of England (2003–2012)

SALES (Thousand Tonnes)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	3 yr Avg (10-12)	5 yr Avg (08-12)	10 yr Avg (03- 12)
Sand and Gravel													
Bedford, Central Bedfordshire & Luton*	1,663	1,965	1,683	1,487	1,612	1,016	944	1,040	1,115	1,197	1117	1062	1372
Cambridgeshire & Peterborough	2,628	2,751	3,221	2,763	2,820	3,052	2,315	1,800	1,703	1,783	1,762	2,131	2,484
Essex, Thurrock & Southend-on-sea	4,471	4,300	4,144	4,066	4,091	3,288	2,794	2,986	2,803	2,303	2,697	2,835	3,525
Hertfordshire	1,260	1,047	965	1,231	1,010	989	1,214	1,173	1,268	1,124	1,188	1,154	1,128
Norfolk	2,488	2,561	2,382	2,450	1,978	1,586	1,378	1,186	1,290	1,131	1,202	1,314	1,843
Suffolk	1,430	1,420	1,475	1,670	1,730	1,403	1,037	1,104	1,078	1,088	1,090	1,142	1,344
East of England	13,940	14,044	13,870	13,667	13,241	11,334	9,682	9,289	9,257	8,626	9057	9638	11695
Crushed rock													
East of England	443	452	465	462	419	513	337	228	262	287	597	429	387

Appendix 3: Aggregate reserves in the East of England (2003-2012)

RESERVES (Thousand Tonnes)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	3 yr Avg (10- 12)	5 yr Avg (08- 12)	10 yr Avg (03- 12)
Sand & Gravel⁷													
Bedford, Central Bedfordshire & Luton	30,004	29,450	17,787	21,492	25,341	19,334	20,364	22,898	21,573	21,700	22,057	21,173	22,994
Cambridgeshire & Peterborough	53,111	49,800	48,504	48,504	45,684	45,490	49,918	46,200	45,246	46,824	46,090	46,736	47,928
Essex, Thurrock & Southend-on- sea	59,639	54,600	51,000	50,122	46,684	39,191	36,706	36,934	37,014	35,503	36,484	37,070	44,739
Hertfordshire	11,551	9,721	12,585	11,466	10,841	10,869	10,619	10,786	16,700	15,792	14,426	12,953	12,093
Norfolk	23,283	20,977	17,027	17,509	17,393	16,069	18,021	15,435	16,079	14,559	15,358	16,033	17,635
Suffolk	15,900	16,010	14,470	15,270	15,640	15,505	14,880	13,615	14,110	14,051	13,925	14,432	14,945
East of England	193,488	180,558	161,373	164,363	161,583	146,458	150,508	145,868	150,72 2	148,42 9	148,340	148,399	160,335
Crushed rock													
Cambridgeshire and Peterborough Limestone	4,660	4,290	3,900	3,137	3,137	2,692	1,625	1,400	4252	3,826	3,159	2,759	3,292
Norfolk Carstone	3,702	3,570	3,372	2,850	2,850	1,770	1,925	1,782	1724	1,684	1,730	1777	2,367

⁷ Please note that for some MPAs there has been reassessment of reserves by operators during 2012.

Appendix 4: Key Milestones for Minerals LDD (and SPDs) in the East of England

MPA	LDD or SPD Title	Consultation	Submission to Secretary of State	Examination in Public	Adoption
Bedford, Central Bedfordshire and Luton www.centralbedfordshire.gov.uk/planning/minerals-and-waste/development-framework.aspx	Minerals and Waste Local Plan: Strategic Sites and Policies LDD	2006 -2010	10 August 2012	December 2012-January 2013. An additional hearing session is timetabled for the summer of 2013.	Autumn 2013
Cambridgeshire and Peterborough www.cambridgeshire.gov.uk/environment/planning/mineralswasteframework/mineralsandwastedevelopmentscheme	Minerals and Waste Core Strategy	Completed	Completed	Completed	Adopted July 2011
	Minerals and Waste Site Specific Proposals Plan	Completed	Completed	Completed	Adopted 22 nd February 2012
	The Location & Design of Waste Management Facilities SPD	Completed	Completed	Completed	Adopted 19 th July 2011
	RECAP Waste Management Design	Completed	Completed	Completed	Adopted 22 nd February 2012

MPA	LDD or SPD Title	Consultation	Submission to Secretary of State	Examination in Public	Adoption
d_waste_development_framework/Development_Scheme/index.htm					
Suffolk www.suffolk.gov.uk/environment-and-transport/planning-and-buildings/minerals-and-waste-development/framework/	Minerals Core Strategy	Completed	Completed	Completed	Adopted September 2008
	Minerals Site Specific Allocation	Completed	Completed	Completed	Adopted September 2009

Appendix 5: Membership of the East of England Aggregate Working Party in 2012

Chairman	
Andrew Cook	Essex County Council
Secretary	
Roy Leavitt	Essex County Council
Mineral Planning Authority Representatives	
Neil Campbell	Norfolk County Council
Ann Barnes	Cambridgeshire County Council
David Atkinson	Cambridgeshire County Council
David Palk	Suffolk County Council
Graham Gunby	Suffolk County Council
Julie Greaves	Hertfordshire County Council
Lesley Stenhouse	Essex County Council
Matthew Thomas	Southend BC
Richard Hatter	Thurrock Council
Roy Romans	Central Bedfordshire, Bedford Borough and Luton Councils
Steve Winstanley	Peterborough City Council
Terry Burns	Suffolk County Council
Minerals Industry Representatives	
David	CDC Demolition
Alan Everard	Tarmac /MPA
Andrew Bromley	MPA
David McCabe	Lafarge Aggregates Limited/MPA
Keith Frost	Cemex / MPA
Ken Hobden	Mineral Products Association (MPA)
Kirsten Hannaford-Hill	Cemex / MPA
Mick Daynes	Hanson UK / MPA
Nick Horsley	Sibelco
Richard Fifield	BMAPA
Richard Ford	Brett Aggregates Ltd / MPA
Tim Deal	Lafarge Aggregates Limited/MPA
Simon Treacy	Tarmac /MPA
Other Representatives	
Chris Waite	South East and London AWP
Danny Eves	Barker Bros
Graham Ward	Communities and Local Government (CLG)
Ian Thomas	East Midlands RAWP

Peter	Middaggs
Peter Dawes	Frimstone / BAA

Appendix 6: AWP Activities in 2012

The East of England Aggregate Working Party met twice during 2012. The first meeting was held on 24th April. During the meeting it was agreed that the Duty to Co-operate should be formalised and Mineral Planning Authorities within the East of England AWP should continue to work together. Local Aggregate Assessments were also discussed. It was felt that there would be limitations on relying on the 10 year sales average to calculate future aggregate sand and gravel provision. It was also suggested that representatives from demolition contractors and Marine Management Organisation should be invited to the group.

The second meeting was held on 8th October at which time the Duty to Co-operate, and the OFT/ Competition Commission Report on Aggregates, Cement and the Ready-Mixed Concrete Market were discussed.

Appendix 7: Active and Inactive Aggregate Sites, Rail Depots and Wharves 2012

Bedford, Central Bedfordshire and Luton		
Site Operator	Grid Ref	Site Name
Sand & Gravel		
Cemex	TL 102 375	Cainhoe
"	TL 178 481	Warren Villas
ET Hall & Sons	TL 926 402	Whitsundoles
Lafarge Aggregates Ltd	TL 097 502	Willington (incl Octagon Farm)
Lafarge Aggregates Ltd		Black Cat
Tarmac	TL 173 440	Broom
Tarmac		Broom South
Tarmac		Land West to River Ivel
Sand		
Tarmac	TL 225 503	Myer's Farm
Lafarge Aggregates Ltd	TL 205 492	Sandy Heath
Hanson	TL 082 372	Simpsonhill Plantation
Silica Sand		
Aggregate Industries UK	SP 936 294	Churchways

Ltd		(including Checkley Wood and Riddy's Pit)
Aggregate Industries UK Ltd	SP 924 238	Grovebury Farm
Aggregate Industries UK Ltd	SP 922 230	Grovebury Road
Aggregate Industries UK Ltd	SP 940 282	Mundays Hill
DB Standing & Son	SP 928 293	Fox Corner
LB Silica Sand Ltd	SP 929 288	Bryants Lane
LB Silica Sand Ltd	SP 932 284	Reach Lane
Sibelco	SP 932 265	Chamberlains Barn
Sibelco	SP 938 288	Double Arches
Sibelco	SP 932 275	New Trees
Sibelco	SP 939 277	Nine Acres
Sibelco	SP 931 240	Pratts (Billington Road)
Sibelco	SP 929 290	Stone Lane
Rail Depots		
Lafarge Aggregates UK Ltd	TL 04177 45615	Elstow Aggs Depot
Shanks	TL 01252 42750	Stewartby Aggregate Rail Depot
Lafarge/ Freightliner Heavy Haul.	TL 09746 21470	Crescent Road Sidings
Tarmac	TL 075 229	Limbury Sidings, 519 Leagrave Road

Cambridgeshire & Peterborough		
Site Operator	Grid reference	
Sand & Gravel		
Active		
Dernford Farm, Sawston	546830 250960	RJD Ltd
Mepal Quarry (Sutton Gault)	541650 282090	Frimstone
Must Farm (part)	523080 296950	Hanson Aggregates
Needingworth Quarry	538740 273010	Hanson Aggregates
Block Fen II	542500 284000	Lafarge Aggregates Ltd
Float Fish Farm	522690 294780	Mick George Ltd

Kennet	569000 268760	Mick George Ltd
Witcham Meadlands/Mepal Quarry	544200 284100	Aggregate Industries UK Ltd
Must Farm (part)	523080 296950	Hanson Aggregates
Little Paxton Quarry II	520000 264200	Aggregate Industries UK Ltd
Pode Hole Quarry	526000 303150	Aggregate Industries UK Ltd
Briggs Farm, Prior's Fen	524999 301056	P J Thory
Tanholt / Eyebury Quarry	523800 301650	Cemex
Maxey Quarry	513400 307310	Tarmac
Thornhaugh II	505750 299400	Aggregate Industries UK Ltd / Mick George Ltd
Cross Leys Quarry	502800 300600	Mick George Ltd
Cook's Hole	505227 299722	Mick George Ltd
Elton Estate		RJD Ltd
Limestone		
Dimmock's Cote (Crushed rock)	554480 272390	Francis Flower Ltd
Thornhaugh II	505750 299400	Aggregate Industries UK Ltd / Mick George Ltd
Cross Leys Quarry	502800 300600	Mick George Ltd
Cook's Hole	505227 299722	Mick George Ltd
Rail Depots		
Chesterton Junction, Cambridge	547560 261090	Lafarge (Crushed Rock)
Chesterton Junction, Cambridge	547560 261090	Frimstone (Crushed Rock)
Bourges Boulevard Rail Sidings / Peterborough Rail Depot	518911 298280	Lafarge (Crushed Rock)
Queen Adelaide, Ely	556240 281169	Cemex (Crushed Rock)
Whitemoor, March	541420 298930	Network Rail (Rail ballast)

Essex, Thurrock & Southend-on-Sea		
Site Name	Grid Ref	Site Operator
Sand & Gravel		
Bradwell Quarry, Silver End	58198 22108	Blackwater Aggregates
Alresford Creek, Alresford	60621 22085	Brett Aggregates
Brightlingsea Quarry	60705 21839	Brett Aggregates
Lufkins Farm, Thorrington Road, Great Bentley	60974 22208	Brett Aggregates
Royal Oak, Danbury	58036 20510	Danbury Aggregates
Curry Farm, Bradwell-on-Sea	59960 20550	Dewicks
Crumps Farm, Gt Canfield	58815 22105	Edviron Ltd
Blackleys Quarry, Great Leighs	57300 21930	Frank Lyons Plant Services Ltd
Asheldham	59776 20138	G&B Finch Ltd
Rivenhall Airfield (Waste Facility)	58232 22047	Gent Fairhead & Co Ltd
Birch Quarry	59275 21957	Hanson Aggregates
Bulls Lodge Quarry, Boreham	57362 21173	Hanson Aggregates
Fingringhoe Quarry	60432 22013	JJ Prior Ltd
Wivenhoe Quarry	60577 22210	Lafarge Aggregates
Cobbs Fram	58900 20855	Sewells Reservoir Construction Ltd
Crown Quarry (Ardleigh Reservoir Extension)	60288 22937	Sewells Reservoir Construction Ltd
Highwood Quarry, Little Easton	55993 22270	Sewells Reservoir Construction Ltd
Colchester Quarry, Stanway	59488 22265	Tarmac Quarry Products
Sand		
Elsenham Quarry, Elsenham	55486 22691	Brett Aggregates
Widdington	55274 23102	Carr & Bircher Ltd
Silica Sand		
Martell's Quarry, Ardleigh	60508 22828	Aggregate Industries UK Ltd
Thanet sand		
Linford	56711 18058	Tarmac Quarry Products
Rail depots		

Essex, Thurrock & Southend-on-Sea		
Harlow Rail Depot	54714 21228	Aggregate Industries UK Ltd
Purfleet Stone Terminal	55662 17718	Foster Yeoman Ltd
Chelmsford Rail Sidings	5713 2075	Lafarge Aggregates Ltd
Harlow Rail Depot	54714 21228	Tarmac Ltd
Marks Tey Rail Depot	5918 2241	Tarmac Ltd
Marine Wharfs		
Purfleet Wharf	55710 17704	Hanson Cement, Civil & Marine Ltd
Thurrock Marine Terminal	55741 17688	Lafarge Aggregates Ltd
Tilbury Docks	56340 17607	Stema Shipping Ltd
Ballast Quay, Fingringhoe	5044 2211	Thames & Colne River Aggregates
Parkeston Quay, Harwich		Harwich International Port Ltd

Hertfordshire		
Site Name	Grid Ref	Site Operator
Sand & Gravel		
Dobbs Weir Quarry	53790 20781	Lafarge Aggregates Ltd
Great Westwood Quarry	50717 19879	Cemex UK
Hatfield Quarry	51891 20843	Cemex UK
Hoddesdon Quarry	53538 20762	Ingrebourne Valley Ltd
Panshanger Park Quarry	52918 21271	Lafarge Aggregates Ltd
Pole Hole / Hollingson Meads	54519 21229	Frank Lyons Plant Services Ltd
Rickneys Quarry	53225 21552	Hanson Aggregates
Tyttenhanger Quarry	51920 20560	Lafarge Aggregates Ltd
Water Hall Quarry	52982 20979	Frank Lyons Plant Services Ltd
Westmill Quarry	53418 21616	Cemex UK
Rail Depots		

Harper Lane Rail Loop	51598 20159	Lafarge Aggregates Ltd (Asphalt readmix)
Hitchin Rail Depot	51960 22960	Cemex Ltd (site is dormant)
Langley Sidings Rail Depot	52398 22289	Lafarge Aggregates Ltd (Asphalt readymix)
Orphanage Road Rail Depot	51106 19766	London Concrete (concrete batching)
Rye House Rail Depot	53894 20919	Lafarge Aggregates Ltd (Crushed rock)

Norfolk		
Site	Grid ref	Operator
Sand & Gravel		
Holt	6075,3372	Cemex
Bittering	5936,3174	Tarmac
Litcham	5899,3167	East Anglian Stone
Crimplesham	5667,3036	Frimstone
Tottenhill	5630,3118	Frimstone
Pentney	5690,3126	Middleton Aggregates
Middleton	5680,3153	Middleton Aggregates
Earsham	6319,2900	Earsham Gravels
Kirby Cane	6380,2833	Lyndon Pallett
Carbrooke	5950,3000	4Leaf Enterprises
Shropham	6003,2940	Breedon Aggregates
Easton	6145,3100	Lafarge
Stanfield	5946,3203	East Anglian Stone
Feltwell	5740,2920	Frimstone
Burgh Castle	6483,3042	Folkes Plant
Norton Subcourse	6402,2993	Cemex
East Bilney	5965,3188	Middleton Aggregates
Coxford	5832,3310	Longwater Gravel
Middleton	5675,3144	W George
Carbrooke	5950,3013	Frimstone
Mundham	6338,2971	Earsham Gravels
Weeting	5788,2871	Lignacite
Horstead	6252,3203	Longwater Gravel
Buxton	6243,3214	Frimstone
Swardeston	6221,3033	Lafarge
Beeston Regis	6469,3411	Carter Concrete
Wormegay	5678,3129	Tharros
Spixworth	6230,3160	Lafarge
Horstead	6258,3183	Tarmac
Crushed Rock		
Middleton	5680,3153	Middleton Aggregates
Snettisham	5684,3349	Frimstone
Middleton	5671,3149	In transition

Suffolk		
Site	Grid ref	Site operator
Sand & Gravel		
Aldeburgh, Hazelwood Pit	TM4428757826	Wm C Reade of Aldeburgh Ltd
Barham, Sandy Lane	TM1338551539	Brett Aggregates Ltd
Barking, Gallows Hill	TM1059453555	Lafarge Aggregates Ltd
Bentley, Folly Farm	TM1231836309	Shotley Holdings Ltd
Bramford, Blood Hill	TM1110548330	Swift Recycling Ltd
Bucklesham, Redhouse Farm	TM2548340480	Lafarge Aggregates Ltd
Cavenham, Marstons Quarry	TL7581271593	Allen Newport Ltd
Chillesford, Hill Farm	TM3894152637	Wm C Reade of Aldeburgh Ltd
Coddenham, Shrubland Park	TM1185153663	Brett Aggregates Ltd
Flixton, Park Farm	TM2998886639	Cemex UK Materials Ltd
Flixton, Flixton Park	TM2961386322	Cemex UK Materials Ltd
Foxhall, Foxhall 4	TM2454443858	Brett Aggregates Ltd
Henham, Henham Quarry	TM4555679089	S Grundon (Ewelme) Ltd
Ingham, The Folly	TL8563971463	TJ & WM Cardy Ltd
Layham, Popes Green Lane	TM0129940180	Brett Aggregates Ltd
Nacton, Foxes Carr	TM1998540776	Cemex UK Materials Ltd
Timworth, Park Farm	TL8505669131	Tarmac Ltd
Waldringfield, Sheepdrift Farm	TM2579944768	Brett Aggregates Ltd
Wangford, Wangford Quarry	TM4654777898	Cemex UK Materials Ltd
Wenhaston, Blyth River Pit	TM4106476709	Bardo (Midlands) Ltd
Wetherden, Lawn Farm	TL9945962422	S Walsh & Sons Ltd
Wherstead, Pannington Hall	TM1380939565	Brett Aggregates Ltd

Suffolk		
Worlington, Bay Farm Quarry	TL6937571665	M. Dickersons Ltd / Frimstone Ltd
Sand and gravel/Hard rock		
Barham, Broomfield Railhead	TM1184951354	Lafarge Aggregates
Gazeley Railhead	TL7190667205	Lafarge Aggregates
Ipswich, Cliff Quay	TM1699741933	Cemex UK Materials Ltd
Ipswich, Cliff Quay	TM1690641982	Tarmac Ltd
Rail Depots		
Lafarge Aggregates Ltd	Barham, Broomfield Railhead	TM 1184951354
"	Gazeley Railhead	TL 7190667205
Wharves		
Brett Aggregates Ltd	Ipswich (West Bank Terminal)	TM 1672843075
Cemex UK Materials Ltd	Ipswich Cliff Quay	TM 1699741933
Tarmac Ltd	Ipswich Cliff Quay	TM 1690641982

Appendix 8: Permitted Aggregate Recycling Sites 2012

Aggregate recycling sites in Bedford, Central Bedfordshire & Luton		
Site	Grid Ref	Operator
Land to the North of Barford Rd, Blunham	TL 13948 51576	Acorn Transport & Plant Hire
North End Farm, Bletsoe	TL 02615 59602	C Jackson & Sons
Cow Close	TL 19221 43428	FD O'Dell and Sons Ltd
Goregong Farm, Podington		Goregong Farm
Unit 16, Harmill IE, Grovebury Rd, Leighton Buzzard	SP 92251 24022	JP Callanan and Son Ltd
Octagon Farm, Cople, Willington	TL 09721 50296	Lafarge Aggregates Ltd
Old Sand Quarry, Haynes West End		Mr Bradshaw
Heron's Farm	TL 06271 18696	Mr G Sayers
Whitsundoles quarry		Smith Construction
Cainhoe Quarry, Clophill	TL 10306 37755	Thomas Bros Exc Ltd
Land adj to A507, Clophill	TL 10288 37734	Winton Haulage Ltd
Goosey Lodge IE, Wymington	496200, 263930	Wykes Engineering

Aggregate recycling sites in Cambridgeshire and Peterborough		
Site	Grid Ref	Operator
Buckden Waste Recycling & Composting Facility, Bucken	520480 269000	Acorn Plant Hire Ltd
Histon Road, Cottenham	544307 265742	Cottenham Skips
Middle Watch, Swavesey	536080 269260	Dawson Plant Hire
Dane Hill Rd, Newmarket	568890 286125	D Haird and Co
Waste Management Park, Waterbeach	548100 268591	AmeyCespa Ltd
Eaton Tractors, Little Paxton	518679 263297	Eaton Tractors
Must Farm Quarry, Whittlesey	525670 297320	Hanson
Meadow Lane, St Ives	532170 270750	Mick George Ltd
Soil Washing Plant, Block Fen	542835 283192	Mick George Ltd
Whitemoor Rail Yard, March	541440 298800	Network Rail Ltd
Eldernell Ln, Coates	531800 298000	PJ Thory
Fengate, Peterborough	520795 298545	Apex Plant Hire
Dogsthorpe Recycling Centre, Peterborough	520287 302329	Mick George Ltd
Padholme Lane East, Peterborough	521050 299080	Rose & Sons Ltd
Station Road, Thorney, Peterborough	528090 305070	The Concrete Company Ltd

Aggregate recycling sites in Essex, Thurrock and Southend-on-Sea		
Site	Grid Ref	Operator
Plot 3 Bellcroft, Witham	58244 21533	A1 Demolition
Martell's Quarry, Ardleigh	60516 22808	Aggregate Industries
Belsteads Farm, Broomfield	57182 21119	Aquila Chelmsford Ltd
The Works, West Hanningfield		C A Blackwell Ltd
Pond Hall Farm, Wix	61503 22968	Carlson Vehicle Transfer Ltd
Widdington Pit, Widdington	55274 23102	Carr & Bircher Ltd
Scripps Farm, Coggeshall	58294 22200	Cemex
25/26 Childerditch Industrial Park, Brentwood	56068 18963	CLC Construction
St Cleres Pit, Danbury	57668 20555	Danbury Aggregates Ltd
Marlow, Epping	54710 20486	D Evans & Sons
Carters Haulage Yard, Brightlingsea	60854 21810	Eastern Waste Disposal Ltd
Lane Farm, Wix	61791 22915	Essex Recycling Ltd
Harlow Mill, Old Harlow	54714 21228	Foster Yeoman
Unit 1 Rawreth Industrial		Franklin Hire

Estate, Rayleigh		
Archers Fields, Basildon	57365 19029	GBN
Tye Green	57770 22103	“
Quayside Industrial Park, Maldon	58572 20763	Green Recycling Ltd
1-3 Edinburgh Place, Harlow		Hill Demolition & Skip Hire
Devereaux Farm, Kirby le Soken	62322 22199	J&F Eagle
Roach Valley Works, Rochford	58807 18992	JKS Construction Ltd
Roxwell, Chelmsford	56601 20962	Lafarge Aggregates Ltd
Wivenhoe Quarry, Colchester	60166 22205	“
Bulls Lodge Quarry, Boreham	57435 21059	Mid Essex Gravels
Patterns Yard, West Bergholt	59589 22897	Peter Wingett
Armigers Farm, Thaxted	55949 22920	Ronald B Haigh & Co Ltd
Highwood Quarry, Little Easton	55993 22270	Sewells Reservoir Construction Ltd
The Lilac Site, Basildon	57444 19085	Sevenside Recycling
Devereaux Farm, Kirby le Soken		Silverton Aggregates
Haven Quay, Colchester	60225 22337	“
New Parsonage Lane, Great Sailing	56990 22510	“
Colchester Quarry, Stanway	59514 22245	Tarmac (Cory Environmental Ltd)
Elsenham Quarry, Elsenham	55441 22662	Viridor

Aggregate recycling sites in Hertfordshire		
Site	Grid Ref	Operator
Anstey Quarry	53934 23302	The Anstey Quarry Co. Ltd
Birchall Lane	52703 21148	Eco Aggregates Ltd
Burnside	52610 21036	BP Mitchell
Calais Wood	53506 20609	AH Nicholls & Sons Ltd
Harper Lane Rail Loop	51598 20159	Lafarge Aggregates Ltd

Aggregate recycling sites in Norfolk

Site	Grid Ref	Operator
Holt	6075,3372	Cemex
Stanfield	5946,3203	East Anglian Stone
Crimplesham	5667,3036	Frimstone
Feltwell	5740,2920	Frimstone
Carbrooke	5950,3013	Frimstone
Buxton	6243,3214	Frimstone
Snettisham	5684,3349	Frimstone
Easton	6145,3100	Lafarge
Middleton	5680,3153	Middleton Aggregates
East Bilney	5965,3188	Middleton Aggregates
Ketteringham	6170,3020	Middleton Aggregates
Shropham	6003,2940	Breedon Aggregates
Beeston Regis	6469,3411	Carter Concrete
Bittering	5936,3174	Tarmac
Breckles	5947,2948	Childerhouse
Letheringsett	6054,3415	Glaven
Hockering	6093,3141	Norman Wenn
Melton Constable	6045,3328	Morrissey Builders
Shelfanger	6111,2824	R & C Bettinson
Berghapton	6308,2999	T Farrow

Aggregate recycling sites in Suffolk

Site	Grid Ref	Operator
Barham, Broomfield Railhead	TM1203351488	Lafarge Aggregates Ltd
Bentley, Folly Farm	TM1216536249	Shotley Holdings Ltd
Bramford, Blood Hill	TM1110548330	Swift Recycling Ltd
Cavenham, Marstons Pit	TL7591971713	Middleton Aggregates Ltd
Chilton Airfield	TL8992343486	T & K Weavers Ltd
Coddenham, Shrubland Park	TM1185153663	Brett Aggregates Ltd
Culford, Balloon Barn Farm	TL8409072085	Culford Waste Ltd
Drinkstone, Ticehurst Farm	TL9566962780	Ticehurst Gravels Ltd
Ellough, Benacre Road WTS	TM4405088510	V C Cooke Ltd
Ellough, Anson Way WTS	TM4516988656	B&B Skips Ltd
Eye, Airfield Ind. Est. WTS	TM1356675421	Anglian Skips Ltd
Flixton, Flixton Park	TM2961386322	Cemex UK Materials Ltd
Gazeley Railhead	TL7190667205	Lafarge Aggregates Ltd
Gisleham, Brickworks	TM5247688329	E E Green & Sons Ltd
Great Blakenham, Masons	TM1179250079	All Waste Solutions Ltd

WTS		
Ingham, The Folly	TL8563971463	TJ & WM Cardy Ltd
Ipswich, Bluestem Road WTS	TM2012241743	Claydon Skip Hire Ltd
Little Bealings, Sinks Pit	TM2279046379	Cemex UK Materials Ltd
Holywell Row, Wildmere Lane	TL7061778157	A & S Topsoils Ltd
Nayland, Harpers Hill Farm WTS	TL9632434915	TD & AM Bugg Ltd
Sproughton, Valley Farm Scrapyard	TM1162543218	SBS Spares Ltd / Ipswich Borough Council / Sutton Services Ltd
Waldringfield, Sheepdrift Farm	TM2579944768	Brett Aggregates Ltd
Walsham-le-Willows, Inert Waste Recycling	TL9938472104	R & D Construction Ltd
Worlington, Bay Farm Quarry	TL6937571665	M. Dickersons Ltd / Frimstone Ltd