

# EEAWP

## EAST OF ENGLAND AGGREGATES WORKING PARTY



**ANNUAL REPORT: 2024**

Bedford, Central Bedfordshire and Luton • Cambridgeshire and Peterborough  
Essex, Southend-on-Sea and Thurrock • Hertfordshire • Norfolk • Suffolk

**East of England Aggregates Working Party**

**Annual Monitoring Report**

**2024 Data**

**PROJECT** East of England Aggregates Working Party

**REPORT TITLE** Annual Monitoring Report 2024 Data

**DJA Reference:** 2970 Annual Monitoring Report 2024 Data

**Report Number:** T1

**Revision:** P1

**Issue Date:** December 2025

## REPORT REVISIONS

Revision	Date	Description	Prepared	Approved
1	Dec 25	First draft	JW	DP
2	10 Dec 25	Final draft	JW	DP
3	16 Dec. 25	Submission version	JW	DP

**PUBLISHED DECEMBER 2025**

**DATA CORRECT AS OF DECEMBER 2025**

Chair: Caroline Jeffery  
Principal Planner (Minerals and Waste Policy)  
Communities and Environment  
Norfolk County Council  
Planning Services  
County Hall  
Martineau Lane  
Norwich, NR1 2DH

Email: caroline.jeffery@norfolk.gov.uk

Secretary: Julia Webberley  
Senior Associate  
David Jarvis Associates Limited  
1 Tennyson Street  
Swindon  
SN1 5DT

Email: julia.webberley@davidjarvis.biz

Enquiries concerning the purchase of this or other EEAWP publications referred to in this report should be addressed to the Secretary of the Working Party.

**CONTENTS:**

<b>ACRONYMS.....</b>	<b>6</b>
<b>GLOSSARY.....</b>	<b>7</b>
<b>EXECUTIVE SUMMARY.....</b>	<b>8</b>
<b>1. AWP MEMBERSHIP .....</b>	<b>11</b>
<b>2. PRIMARY AGGREGATES .....</b>	<b>14</b>
Introduction .....	14
Land Won Aggregates .....	14
Sand and Gravel .....	14
Crushed Rock.....	14
Marine Aggregates .....	16
Sales of Primary Aggregate .....	19
Permitted Reserves and Infrastructure Capacity .....	23
Landbank in EEAWP Area .....	29
Imports and Exports .....	31
<b>3. SECONDARY AND RECYCLED AGGREGATES .....</b>	<b>32</b>
Introduction .....	32
Secondary Aggregates.....	32
Recycled Aggregates .....	35
National Data vs Survey Data.....	39
<b>4. TRENDS AND ANALYSIS .....</b>	<b>40</b>
East of England.....	40
Bedford Borough, Central Bedfordshire and Luton .....	41
Cambridgeshire and Peterborough.....	42
Essex, Southend-on-Sea and Thurrock.....	43
Hertfordshire.....	43
Norfolk .....	44
Suffolk .....	45
Major Construction Projects or Developments.....	45

Development Plans and Mineral Policies in the EEAWP Area.....	57
Planning Applications in the EEAWP Area.....	62
Local Aggregate Assessments .....	70
Summary .....	72
<b>5. CONCLUSIONS.....</b>	<b>73</b>
Appendix 1: Table showing EEAWP meeting dates in 2024, link to minutes and summary of matters discussed .	74
Appendix 2: Primary Aggregate Sites in 2024 (including quarries, rail depots and wharves) in the East of England .....	76
Appendix 3: Secondary Aggregate Sites in the East of England.....	92
Appendix 4: Recycled Aggregate Sites in the East of England .....	95 -

### Tables:

- Table 1 Dashboard Key Data Summary 2024
- Table 2 Land-won Aggregate Sand and Gravel, Marine Sand and Gravel and Crushed Rock Sales 2015 – 2024
- Table 3 Permitted Reserves in EEAWP area
- Table 4 Infrastructure Capacity
- Table 5 Landbank in East of England 2024
- Table 6a Secondary Aggregate Sales
- Table 6b Recycled Aggregate Sales
- Table 7 Major Construction Projects in the EEAWP area
- Table 8a Mineral Plan Status within the EEAWP Area
- Table 8b Estimated quantity of minerals allocated in development plan
- Table 9 Planning Applications
- Table 10 Local Aggregate Assessments

### Figures:

- Figure 1 EEAWP Area Mineral Planning Authorities
- Figure 2 Location of quarries, wharves and rail depots in 2024
- Figure 3 Plan showing The Crown Estate marine aggregate dredging regions (England and Wales) in 2024 with accompanying schedule of marine aggregate extraction and delivery tonnages
- Figure 4 Location of secondary aggregate sites in 2024
- Figure 5 Location of recycled aggregate sites in 2024

---

## ACRONYMS

<b>AMS</b>	Aggregate Mineral Survey
<b>AMS 2019</b>	AMS undertaken by the BGS for 2019
<b>AMS 2023</b>	AMS undertaken by the BGS for 2023
<b>AWP</b>	Aggregate Working Party
<b>BAA</b>	British Aggregates Association
<b>BGS</b>	British Geological Survey
<b>DCLG</b>	Department for Communities and Local Government
<b>DLUHC</b>	Department for Levelling Up, Housing and Communities
<b>EEAWP</b>	East of England Aggregate Working Party
<b>LAA</b>	Local Aggregate Assessment
<b>MASS</b>	Managed Aggregate Supply System
<b>MHCLG</b>	Ministry of Housing, Communities and Local Government
<b>MPA</b>	Mineral Products Association
<b>NACG</b>	National Aggregate Co-ordinating Group
<b>NPPF</b>	National Planning Policy Framework
<b>POS</b>	Planning Officers Society
<b>PPG</b>	Planning Practice Guidance
<b>SOCG</b>	Statement of Common Ground
<b>WDI</b>	Waste Data Interrogator

## GLOSSARY

Aggregate Working Party	A technical advisory group of mineral planning authorities and other relevant organisations who work together to produce data on aggregate demand and supply in their area and to provide advice to mineral planning authorities and to the National Aggregate Co-ordination Group
Department for Levelling Up, Housing and Communities	Former government department now known as the Ministry of Housing, Communities and Local Government
Local Aggregate Assessment	An annual assessment of the demand for and supply of aggregates in a mineral planning authority's area
Managed Aggregate Supply System	This system works through national, sub-national and local partners working together to ensure a steady and adequate supply of aggregate mineral across the country
Ministry of Housing, Communities and Local Government	Government department formerly known as the Department for Levelling Up, Housing and Communities
National Aggregate Co-ordinating Group	The National Aggregate Co-ordinating Group comprises representatives from each AWP, as well as from key government departments and other organisations as deemed appropriate by MHCLG, to monitor the overall provision of aggregates in England and to provide timely advice to Government and to individual AWPs
National and Sub-National Guidelines	Guidelines for the provision of aggregates published in June 2009 to replace those which had existed since 2003 (link: <a href="#"><u>National and regional guidelines for aggregates provision in England 2005 to 2020</u></a> )
Recycled aggregates	Aggregates resulting from the processing of inorganic materials previously used in construction, eg construction and demolition waste
Secondary aggregates	Aggregates from industrial wastes such as glass (cullet), incinerator bottom ash, coal derived fly ash, railway ballast, fine ceramic waste (pitcher), and scrap tyres; and industrial and minerals by-products, notably waste from china clay, coal and slate extraction and spent foundry sand. These can also include hydraulically bound materials
Statement of Common Ground	A written record of the progress made by strategic policy-making authorities during the process of planning for strategic cross-boundary matters

## EXECUTIVE SUMMARY

This Annual Monitoring Report for the East of England covers the calendar year 2024 and has been compiled by the East of England Aggregates Working Party (AWP).

Aggregate sales and reserves data for 2024 have been taken from survey returns made by operators to their respective mineral planning authorities, or, in the case of marine aggregate data, from The Crown Estate's Non Confidential Statistics for 2024. Information has also been sought on secondary and recycled aggregates along with records of mineral planning applications which have been granted, refused, withdrawn or remain undetermined over the monitoring period. In the case of recycled aggregate data, this has either been provided via survey returns or ascertained using the 2024 Waste Data Interrogator (WDI) which was published by the Environment Agency on 23 September 2025.

### East of England Sand and Gravel and Crushed Rock Sales Figures (2024)

	Sales (thousand tonnes)	% change from 2023	3 year average sales 2022- 2024 (thousand tonnes)	% change from 2021- 2023	10 year average sales 2015- 2024 (thousand tonnes)	% change from 2014- 2023
Sand and Gravel	9,692	-4.5	10,376	-8.0	11,229	-2.3
Crushed Rock	124	0.8	139	-16.8	230	-19.3

Sales of land-won sand and gravel in the East of England in 2024 decreased by 4.5% compared with the 2023 sales figure – from 10.15mt in 2023 down to 9.69mt in 2024. The three year average in 2024 dropped by 8% compared with the three year average in 2023 (for 2021-2023) whilst the ten year average in 2024 was 2.3% lower than that recorded in 2023 (for 2014-2023).

Sales figures for local crushed rock have, as in previous years, been combined for confidentiality reasons to provide an overall figure for the East of England. The figure now includes limestone from Cambridgeshire and Peterborough, Carstone from Norfolk and, since 2019, sandstone from Bedfordshire. In 2024, sales stood at 0.124mt, almost equivalent to the 2023 sales figure of 0.123mt, and remaining above the lowest sales' figure of the decade of 0.104mt recorded in 2019, but still a significant distance away from the decade's highest sales' figure of 0.456mt achieved in 2016. The 2024 sales figure was below both the 3 year average of 0.139mt and the 10 year average of 0.23mt.

### East of England Sand and Gravel and Crushed Rock Reserves and Landbank Figures (2024)

	Reserves (thousand tonnes)	% change from 2023	Landbank based on 10 year sales average (years)	% change from 2023
Sand and Gravel	119,224	-2.0	10.6	0
Crushed Rock	2,669	-31.2	11.6	-14.7

At the end of 2024, reserves of land-won sand and gravel in the East of England stood at 119.2mt. Applying the NPPF methodology based on a rolling average of 10 year sales indicates a landbank of 10.6 years at the end of 2024 (119.2/11.23) on a par with the landbank figure of 10.6 years recorded in 2023. Using the 10 year average sales figure methodology as set out in the NPPF indicates that all mineral planning authorities within the East of England except Hertfordshire could demonstrate sand and gravel landbanks in excess of the seven year threshold as at the end of 2024 with Hertfordshire slipping back to 6.8 years, just below the 7 year minimum.

By comparison, reserves of crushed rock stood at just 2.67mt representing the lowest level of reserves recorded over the past decade (down from 3.88mt in 2023 and a high of 5.12mt in 2019). In terms of landbanks of crushed rock, based on the rolling average of 10 year sales, a landbank of 11.6 years can be demonstrated in 2024 compared with 13.6 years in 2023.

A number of planning permissions generating a total of 7.86mt of additional reserves of sand and gravel were granted in the East of England during 2024, with other applications approved in 2025 (to be included in 2025 data) and a further application previously approved but still subject to completion of a section 106 agreement.

Sales for both sand and gravel and crushed rock remain below the levels of provision anticipated within the sub-national apportionment figures (9.69mt (actual 2024 sand and gravel sales) versus 14.75mtpa (Guideline figure) and 0.12mt (actual 2024 crushed rock sales) versus 0.5mtpa (Guideline figure)). It is also important to consider the context of continued sales against the backdrop of a general downward trend in reserves. The Mineral Products Association, in its 11<sup>th</sup> Annual Mineral Planning Survey Report (AMPS 2023), has revealed that as of the end of 2022, the rolling 10-year average for replenishment of sand and gravel reserves in the UK was 61% (compared with 63% in 2021) whilst, for crushed rock reserves, the replenishment rate was just 33% (compared with 52% in 2021)<sup>1</sup>. This position is clearly unsustainable going forwards. Caution should, therefore, continue to be exercised when assessing the position against 10 year sales figures and individual mineral planning authorities are encouraged to give careful consideration to their annual aggregate provision rates when preparing their Local Aggregate Assessments and particularly when reviewing their development plans.

It should also be noted that the East of England is heavily dependent on imports of both sand and gravel and crushed rock, with the AMS 2023 recording that 1.2mt of sand and gravel and 6.3mt of crushed rock were imported from other regions in England and Wales in 2023 whilst an additional 1.9mt of crushed rock was landed into the East of England from outside England and Wales, mainly from Scotland and Norway. Hard rock

<sup>1</sup> Based on a survey of land-won sales data provided by MPA members noting that MPA producer members typically represent 90% of the total GB primary aggregates market, including both land-won and marine aggregates.

imports are required because the majority of the mineral planning authority areas in the East of England do not have any hard rock geology (and the Carstone in Norfolk is not suitable for the uses for which the imported hard rock is brought in).

From the data available in the East of England, it can be established that there are still a number of large-scale schemes in the pipeline that will require significant quantities of aggregates. However, it is not currently possible to establish the likely total demand for minerals required for these large scale projects, either from a lack of estimate of demand from those within the region, or in the absence of a comprehensive list of projects outside the region.

**Accordingly, in the absence of up to date guidelines and without clear visibility on future demand, the EEAWP considers that it is presently unable to advise the NACG and MHCLG that the authorities comprising the East of England are currently making a full contribution to both local and national aggregate needs.**

Finally, whilst this annual report generally looks at landbanks based on a rolling average of 10 year sales data, thereby adopting the suggested methodology within the NPPF, it should be noted that some of the authorities within the East of England adopt different approaches. Cambridgeshire and Peterborough prefer to rely on the rate set out within their development plan. Greater Essex has recently moved away from using the rate within its development plan and instead has adopted a rate equivalent to its 10 year sales average for 2024 plus 10%. Norfolk has recently reverted to basing its landbank on the 10 year sales average having previously based it on the rolling 10 year average sales figure plus 10%. This is so that Norfolk can now monitor whether the 10 year sales average figure is within the forecast figure contained within the recently adopted Norfolk Minerals and Waste Local Plan which is based on the 10 year sales average plus 10% using 2022 data. With effect from 2021, Hertfordshire has opted to calculate its landbank based on the rolling 10 year sales average.

**Table 1: Dashboard Key Data Summary 2024**

	2024 Sales (thousand tonnes)	Change (from 2023)	10-year Sales Average (thousand tonnes)	3-year Sales Average (thousand tonnes)	10-year Change (from 2023)	Reserves as at 31.12.24 (thousand tonnes)	Change (from 2023)	Landbank (based on 10-year Sales Average)	Change (from 2023)
All land-won sand and gravel	9,692	⬇️	11,229	10,376	⬇️	119,224	⬇️	10.6	=
All crushed rock	124	≈	230	139	⬇️	2,669	⬇️	11.6	⬇️
Marine sand and gravel (landings)	583	⬇️	459	627	⬆️				
Total primary aggregates	10,399	⬇️							
Secondary aggregates	U	n/a	U	U	Note: Accurate figures unavailable for secondary aggregates in the region.				
Recycled aggregates	2,574	⬇️	2,054	2,642					

## 1. AWP MEMBERSHIP

1.1 The Aggregate Working Parties<sup>2</sup> (AWPs) were established in the 1970s to collect and monitor data on aggregates provision as an aid to minerals planning. AWPs are joint local government, central government and industry bodies that monitor the supply of, demand for, and reserves of all aggregates including primary aggregate and alternative sources in local authority areas. They also consider the implications of supply to and from these areas. Whilst not policy-making bodies, they do provide information to facilitate the work of mineral planning authorities, national government agencies and the minerals industry. Planning Practice Guidance states that the role of an AWP is three-fold, as follows:

- to consider, scrutinise and provide advice on the Local Aggregate Assessment of each mineral planning authority in its area;
- to provide an assessment on the position of overall demand and supply for the Aggregate Working Party area, including whether, in its view, the area is making a full contribution towards meeting both national and local aggregate needs. This assessment should be based on local aggregate assessments and should be informed by other economic data. It should also include an indication of emerging trends of demand in the Aggregate Working Party area; and
- to obtain, collect and report on data on minerals activity in their area. This includes annual data on sales, permissions and mineral reserves in their area, and data on recycled and secondary sources.

1.2 The AWPs operate under contracts made between the Ministry of Housing, Communities and Local Government (MHCLG) (formerly the Department for Levelling Up, Housing and Communities (DLUHC)) and the secretaries of the AWPs.

1.3 AWPs meet two or three times a year depending on business, the nature of which is determined by agreed Terms of Reference (TOR), and the minutes of meetings are available for public inspection. The National Aggregate Co-ordinating Group (NACG), whose membership comprises representatives from each AWP, as well as from key government departments and other organisations as deemed appropriate by MHCLG, monitors the overall provision of aggregates in England and provides timely advice to Government and to individual AWPs. The NACG last met (virtually) in April 2025. Specifically, activities of the NACG include:

- monitoring annual reports produced by each Aggregate Working Party, with particular scrutiny of the landbank position;
- examining any significant difference between individual Aggregate Working Party reports and the relevant National and Sub-National Guideline figure, in order to understand the reason for such a difference, and whether it raises issues of concern about ensuring a steady and adequate provision of aggregates in England. The National Aggregate Co-

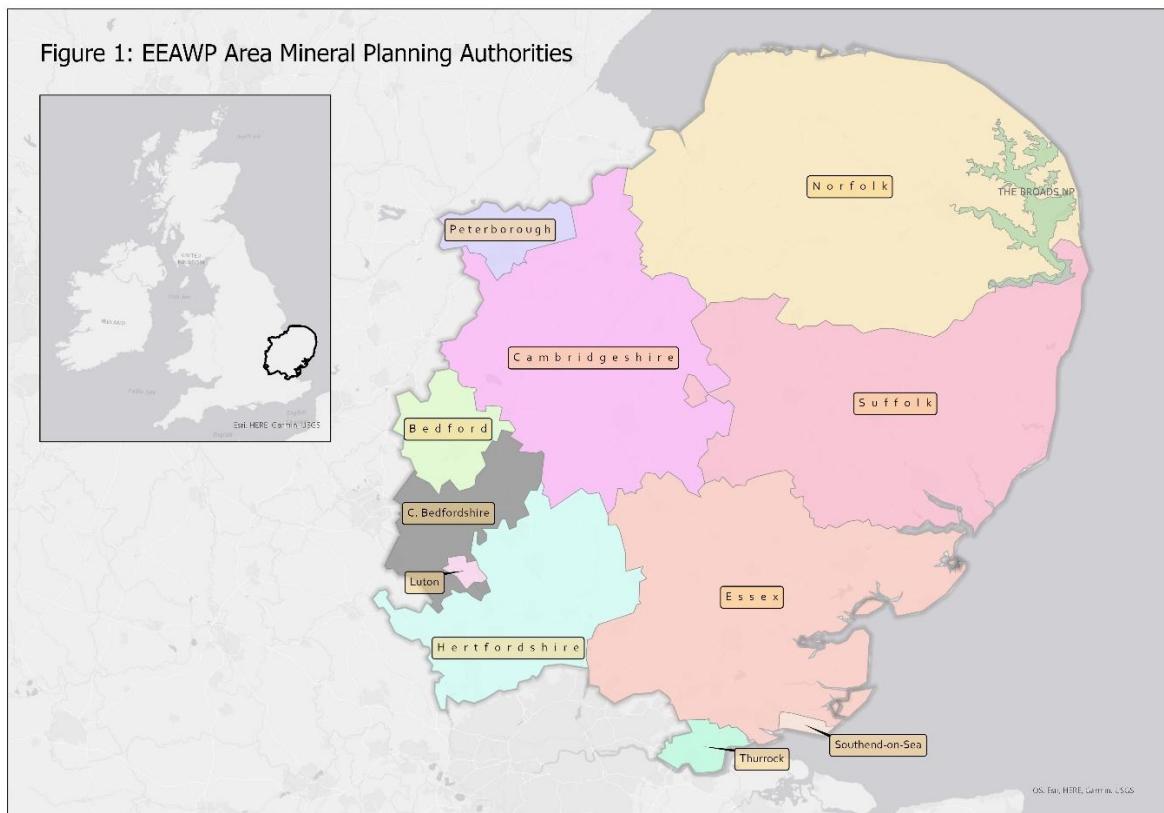
<sup>2</sup> Aggregate Working Parties were previously known as Regional Aggregate Working Parties but this was changed to reflect national guidelines.

ordinating Group should share its findings with both the individual Aggregate Working Party and government as necessary; and

- providing guidance to government on future National and Sub-National requirements for aggregates supply. This will include whether, and when, it needs to review National and Sub-National guidelines for aggregate provision in England.

- 1.4 The AWP Secretaries' Group should also meet as necessary to discuss the work required by the TOR and to consider day to day matters of relevance to aggregates.
- 1.5 The East of England Aggregates Working Party (EEAWP) was established in 2001. It comprises the former East Anglia mineral planning authorities (Norfolk, Suffolk, Cambridgeshire and Peterborough) and mineral planning authorities from the former South East (Essex, Southend-on-Sea, Thurrock, Hertfordshire, Central Bedfordshire, Bedford Borough and Luton) as shown on Figure 1.

**Figure 1: Mineral Planning Authorities in the East of England**



---

1.6 Membership of the EEAWP is listed below (by organisation rather than individual).

<b>Chair</b>
Norfolk County Council
<b>Secretariat</b>
David Jarvis Associates Ltd
<b>Mineral Planning Authority Representatives</b>
Cambridgeshire County Council
Bedford Borough, Central Beds & Luton Borough Councils
Essex County Council
Hertfordshire County Council
Peterborough City Council
Norfolk County Council
Thurrock Borough Council
Southend-on-Sea City Council
Suffolk County Council
<b>Minerals Industry Representatives</b>
Brett Aggregates Ltd
British Aggregates Association (BAA)
Breedon Group
Heidelberg Materials UK (formerly Hanson UK)
Holcim Group (formerly Aggregate Industries)
Middleton Aggregates Ltd
Mineral Products Association (MPA)
Tarmac
Cemex
<b>Other</b>
The Crown Estate
Marine Management Organisation
MHCLG

1.7 The EEAWP met on a number of occasions during 2024. Details of these meetings together with a link to the relevant minutes are included at Appendix 1.

## 2. PRIMARY AGGREGATES

### Introduction

2.1 Data on land-won aggregates and crushed rock reserves and sales have been supplied by the mineral planning authorities within the East of England via annual survey returns completed by operators which are used to obtain relevant data for this report and for use in Local Aggregate Assessments (LAAs).

2.2 Information on recycled and secondary aggregates has been obtained by the mineral planning authorities either through survey returns from operators or from the Environment Agency's Waste Data Interrogator.

### Land Won Aggregates

#### Sand and Gravel

2.3 Aggregate sand and gravel is found throughout the East of England and consequently all the East of England mineral planning authorities contribute towards local and national aggregate needs. A list of permitted primary aggregate extraction sites within the East of England by mineral planning authority area in 2024 is set out in Appendix 2.

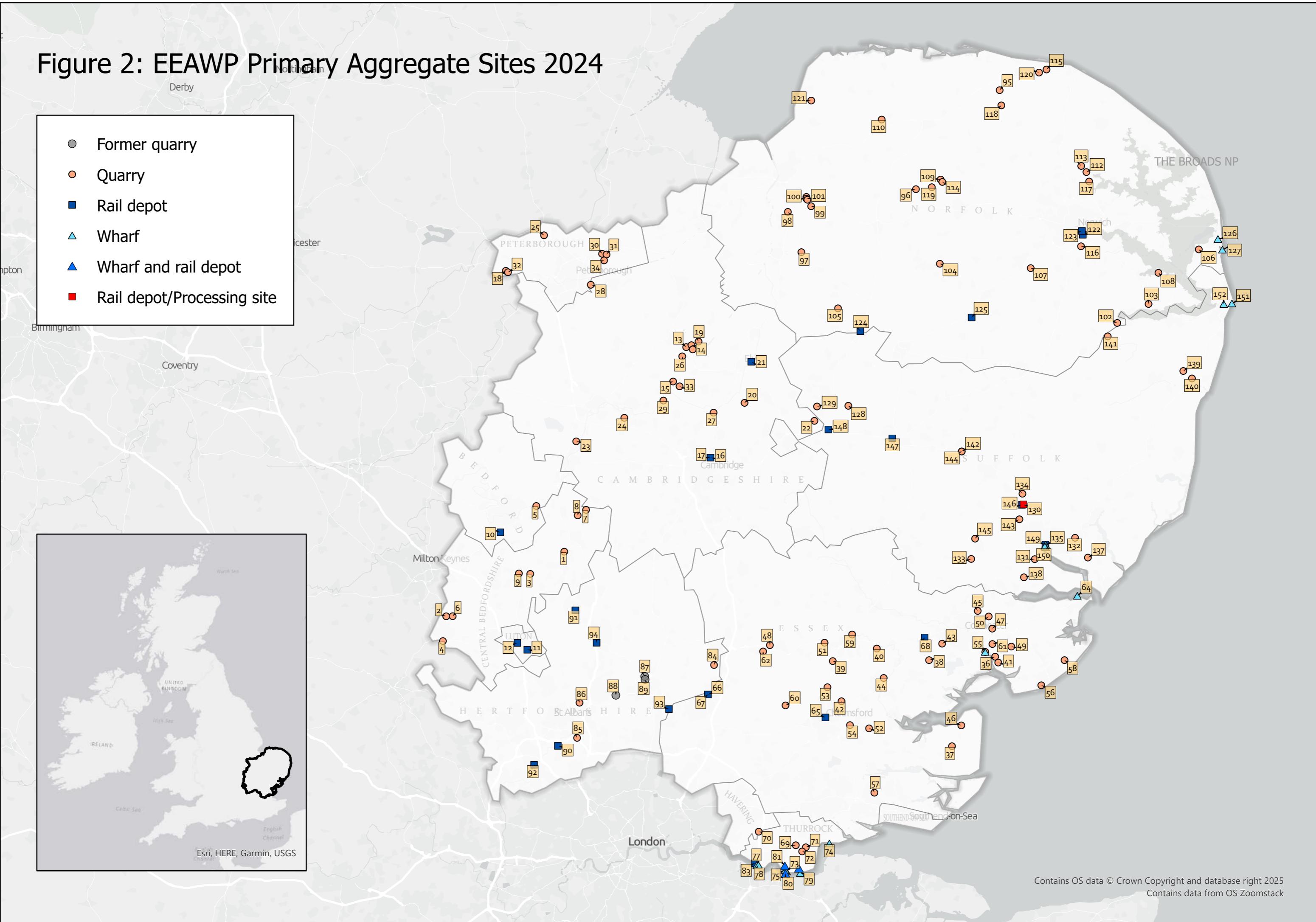
#### Crushed Rock

2.4 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 certain situations depending on specification.

2.5 Until recently, Cambridgeshire and Peterborough and Norfolk were the only two mineral planning authorities within the East of England region to produce crushed rock, with the former producing limestone and the latter Carstone. However, with effect from 2019, the Bedfordshire Authorities have also reported limited sales and reserves of crushed rock (sandstone). As these figures stem from just one sandstone quarry, they have been combined with the figures for Cambridgeshire/Peterborough and Norfolk.

2.6 Figure 2 below is a map of all rail depots, wharves and quarries in the East of England in 2024.

## Figure 2: EEAWP Primary Aggregate Sites 2024



### Marine Aggregates

2.7 In 2024, in the East of England AWP area, a total of 0.58mt of marine dredged aggregates were landed into Ipswich (Suffolk) and Tilbury (Thurrock) comprising approximately 5.6% of the region's total sand and gravel production ( $0.58/(0.58+9.69)$ ). This compared with 0.59mt in 2023 which amounted to approximately 5.5% of that year's total regional sand and gravel production.

2.8 Marine dredged aggregates (sand and gravel) that were dredged from licensed areas and landed in the East Coast region (in which Ipswich is located) amounted to 0.37mt in 2024 compared with 0.33mt in 2023 and 0.44mt in 2022. The East Coast region had a permitted licence tonnage of 7.1mt in 2024. In the Thames Estuary region (in which Tilbury is located) 6.9mt were landed in 2024 compared with 7.4mt in 2023 and 7.9mt in 2022. The aggregate that is landed here is extracted from a number of different dredging regions which include the East Coast, the Thames Estuary, the East English Channel, the South Coast and to a lesser extent the Humber. The permitted licence tonnage for extraction from within the Thames Estuary itself for 2024 was 4.7mt. It is understood that these amounts exclude material dredged from areas not in the ownership of the Crown Estate and material that was removed for navigational purposes and not used beneficially.

2.9 Figure 3 below comprises a map showing The Crown Estate marine aggregate dredging regions in England and Wales in 2024 accompanied by a schedule showing 2024 marine aggregate extraction and delivery tonnages in England and Wales.

Location of  
Aggregate Working  
Party boundaries and  
The Crown Estate  
marine aggregate  
dredging regions -  
England and Wales

Legend:

- - - 12 Mile Limit
- UK Continental Shelf
- AWP Regions
- Counties
- UK
- TCE dredge regions



## Delivery to AWP Regions, 2024

### Construction use

Delivery to AWP Regions	Humber	East Coast	Thames	South Coast	EEC	South West	North West	Grand Total
North East (England)	737,493	174,614	47,205		3,149			962,461
Yorkshire and Humber	140,265	91,623		19				231,907
East of England	8,167	53,653	15,457	180,295	325,300			582,872
London	56,563	1,639,037	523,183	90,663	1,264,488			3,573,934
South East (England)	72,866	768,771	680,868	3,361,934	1,200,544	1,845		6,086,828
South West (England)				40,722		586,036		626,757
North Wales							6,939	6,939
South Wales						699,044		699,044
North West							225,530	225,530
Export	2,307,375	376,119	119,691	137,057	1,018,086			3,958,328
<b>Grand Total</b>	<b>3,322,729</b>	<b>3,103,817</b>	<b>1,386,404</b>	<b>3,810,689</b>	<b>3,811,567</b>	<b>1,286,924</b>	<b>232,469</b>	<b>16,954,599</b>

### Alternative Use

	Humber	East Coast	Thames	South Coast	EEC	South West	North West	Grand Total
East Midlands (England)	655,235							655,235
South East (England)			544,755	33,280	567,575			1,145,610
South West (England)						59,048	2,797	61,845
North West							95,409	95,409
<b>Grand Total</b>	<b>655,235</b>	<b>-</b>	<b>544,755</b>	<b>33,280</b>	<b>567,575</b>	<b>59,048</b>	<b>98,205</b>	<b>1,958,098</b>

**Sales of Primary Aggregate**

2.10 Sales of land-won sand and gravel in the East of England in 2024 decreased by 4.5% compared with the 2023 sales figure – from 10.15mt in 2023 down to 9.69mt in 2024. The three year average in 2024 dropped by 8% compared with the three year average in 2023 (for 2021-2023) whilst the ten year average in 2024 was 2.3% lower than that recorded in 2023 (for 2014-2023).

2.11 Sales figures for local crushed rock have, as in previous years, been combined for confidentiality reasons to provide an overall figure for the East of England. The figure now includes limestone from Cambridgeshire and Peterborough, Carstone from Norfolk and, since 2019, sandstone from Bedfordshire. In 2024, sales stood at 0.124mt, almost equivalent to the 2023 sales figure of 0.123mt, and remaining above the lowest sales figure of the decade of 0.104mt recorded in 2019, but still a significant distance away from the decade's highest sales figure of 0.456mt achieved in 2016. The 2024 sales figure was below both the 3 year average of 0.139mt and the 10 year average of 0.23mt.

2.12 A full list of sales data for the 10 year period from 2015 – 2024 is set out in Table 2 below.

**Table 2: Land-won Aggregate Sand and Gravel, Marine Sand and Gravel and Crushed Rock Sales 2015 – 2024<sup>3</sup> (thousand tonnes)**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10 year average	3 year average
<b>Land Won Sand and Gravel</b>												
Bedford, Central												
Bedfordshire and Luton	1,322	1,692	1,643	1,675	1,217	1,212	1,480	1,414	1,366	846	1,387	1,209
Cambridgeshire and Peterborough	2,548	2,565	3,559	3,199	3,211	2,823	3,482	3,035	2,838	2,873	3,013	2,915
Essex, Southend-on-Sea and Thurrock	3,454	3,400	3,415	3,559	2,936	2,962	3,636	3,400	3,042	3,006	3,281	3,149
Hertfordshire	1,224	1,165	1,167	1,207	1,245	1,123	1,148	1,021	779	724	1,080	841
Norfolk	1,415	1,623	1,605	1,511	1,280	1,312	1,491	1,367	1,266	1,505	1,438	1,379
Suffolk	871	1,203	1,277	1,221	886	1,025	1,171	1,054	855	738	1,030	882
<b>Total Land Won Sand and Gravel Sales (thousand tonnes)</b>	<b>10,834</b>	<b>11,648</b>	<b>12,666</b>	<b>12,372</b>	<b>10,775</b>	<b>10,457</b>	<b>12,408</b>	<b>11,291</b>	<b>10,146</b>	<b>9,692</b>	<b>11,229</b>	<b>10,376</b>

<sup>3</sup> To avoid under-reporting sales and reserves, mineral planning authorities may have included estimates of sales and reserves figures for sites without a submitted return.

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10 year average	3 year average
<b>Marine Sand and Gravel Landings</b>												
Bedford, Central Bedfordshire and Luton	n/a	n/a										
Cambridgeshire and Peterborough	n/a	n/a										
Essex, Southend-on-Sea and Thurrock	C	C	C	C	C	C	233	261	261	217	U	246
Hertfordshire	n/a	n/a										
Norfolk	no data	no data	nil	no data	nil	nil	nil	nil	nil	nil	n/a	nil
Suffolk	C	C	C	C	C	C	222	444	332	366	U	381
<b>Total Marine Sand and Gravel Landings<sup>4</sup> (thousand tonnes)</b>	<b>324</b>	<b>435</b>	<b>403</b>	<b>371</b>	<b>295</b>	<b>428</b>	<b>455</b>	<b>705</b>	<b>593</b>	<b>583</b>	<b>459</b>	<b>627</b>

<sup>4</sup> Figures may not match owing to rounding.

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10 year average	3 year average
<b>Crushed Rock</b>												
Bedford, Central Bedfordshire and Luton	c	c	c	c	c	c	c	c	c	c	c	c
Cambridgeshire and Peterborough	c	c	c	c	c	c	c	c	c	c	c	c
Essex, Southend-on-Sea and Thurrock	n/a	n/a										
Hertfordshire	n/a	n/a										
Norfolk	c	c	c	c	c	c	c	c	c	c	c	c
Suffolk	n/a	n/a										
<b>Total Crushed Rock Sales (thousand tonnes)</b>	<b>353</b>	<b>456</b>	<b>399</b>	<b>217</b>	<b>104</b>	<b>149</b>	<b>207</b>	<b>171</b>	<b>123</b>	<b>124</b>	<b>230</b>	<b>139</b>
<b>Total Aggregate Sales (thousand tonnes)</b>	<b>11,511</b>	<b>12,539</b>	<b>13,468</b>	<b>12,960</b>	<b>11,174</b>	<b>11,034</b>	<b>13,070</b>	<b>12,167</b>	<b>10,862</b>	<b>10,399</b>	<b>11,918</b>	<b>11,142</b>

**Permitted Reserves and Infrastructure Capacity**

2.13 At the end of 2024, reserves of land-won sand and gravel in the East of England stood at 119.2mt representing a 2% decrease in permitted reserves of sand and gravel between the end of 2023 and the end of 2024.

2.14 By comparison, at the end of 2024, reserves of crushed rock stood at just 2.67mt representing the lowest level of reserves recorded over the past decade (down from 3.88mt in 2023 and a high of 5.12mt in 2019).

2.15 Table 3 below shows aggregate reserves within the East of England for the period 2015-2024. (Note that, for 2023, total reserves shown will not necessarily reflect those reported within the AMS 2023 as the totals reported in this document tend to include non-aggregate reserves whilst the AMS 2023 totals do not.)

**Table 3: Permitted Reserves in AWP area (thousand tonnes)**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
<b>Sand and Gravel</b>										
Bedford, Central Bedfordshire and Luton	19,386	18,341	15,910	15,219	16,215	17,265	15,952	13,548	16,522	16,565
Cambridgeshire and Peterborough	43,330	43,920	41,429	41,828	39,173	36,057	33,865	32,391	33,912	31,955
Essex, Southend-on-Sea and Thurrock	32,687	35,368	31,953	29,980	33,099	33,589	33,856	39,865	35,072	36,257
Hertfordshire	13,216	11,752	10,458	10,056	8,951	7,684	6,471	5,710	8,342	7,366
Norfolk	18,348	16,536	14,732	13,311	13,515	14,511	18,550	17,954	18,212	18,168
Suffolk	13,190	12,747	11,822	10,690	9,590	10,676	9,505	9,555	9,541	8,913
<b>Total Sand &amp; Gravel Permitted Reserves (thousand tonnes)</b>	<b>140,157</b>	<b>138,664</b>	<b>126,304</b>	<b>121,084</b>	<b>120,543</b>	<b>119,782</b>	<b>118,199</b>	<b>119,023</b>	<b>121,601</b>	<b>119,224</b>

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
<b>Crushed Rock</b>										
Bedford, Central Bedfordshire and Luton	c	c	c	c	c	c	c	c	c	c
Cambridgeshire and Peterborough	c	c	c	c	c	c	c	c	c	c
Essex, Southend-on-Sea and Thurrock	n/a									
Hertfordshire	n/a									
Norfolk	c	c	c	c	c	c	c	c	c	c
Suffolk	n/a									
<b>Total Crushed Rock Permitted Reserves (thousand tonnes)</b>	<b>4,415</b>	<b>4,881</b>	<b>4,480</b>	<b>4,295</b>	<b>5,121</b>	<b>5,005</b>	<b>4,631</b>	<b>4,438</b>	<b>3,878</b>	<b>2,669</b>
<b>Total Permitted Reserves (Sand and Gravel + Crushed Rock) (thousand tonnes)</b>	<b>144,572</b>	<b>143,545</b>	<b>130,784</b>	<b>125,379</b>	<b>125,664</b>	<b>124,787</b>	<b>122,830</b>	<b>123,461</b>	<b>125,479</b>	<b>121,893</b>

---

2.16 Information has been sought by mineral planning authorities from operators within the East of England region as to maximum capacity of rail depots and wharves within each mineral planning authority area. This is a different figure from actual throughput of goods. However, in many cases, maximum capacity has not been ascertained.

2.17 Table 4 below shows infrastructure capacity in terms of rail depots and wharves over the period 2015-2024, where it has been reported.

**Table 4: Infrastructure Capacity (thousand tonnes)**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
<b>Rail depot capacity (thousand tonnes)</b>										
Bedford, Central Bedfordshire and Luton						U	U	U	U	809.9
Cambridgeshire and Peterborough						U	U	U	U	U
Essex, Southend-on-Sea and Thurrock	U	C	U	U	U	C	1,980** combined	2,770** combined	U	1,775** combined
Hertfordshire	U	U	U	675.3*	756.2*	853.1*	906.2*	906.2*	906.2*	906.2*
Norfolk	385*	385*	605*	605*	605*	605*	605*	605*	605*	605*
Suffolk						C	U	U	C	C
<b>Total reported rail capacity</b>	<b>385</b>	<b>385</b>	<b>605</b>	<b>1,280.3</b>	<b>1,361.2</b>	<b>1,458.1</b>	<b>3,491.2</b>	<b>4,281.2</b>	<b>1,511.2</b>	<b>4,096.1</b>
<b>Wharf capacity (thousand tonnes)</b>										
Bedford, Central Bedfordshire and Luton						n/a	n/a	n/a	n/a	n/a
Cambridgeshire and Peterborough						U	U	U	U	U

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Essex, Southend-on-Sea and Thurrock	U	C	U	U	U	C	1,980** combined	2,770** combined	U	1,775** combined
Hertfordshire	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Norfolk	2,000*	2,000*	2,000	2,000	2,000	2,000	2,000	2,000*	2,000*	2,000*
Suffolk						C	U	U	C	C
<b>Total reported wharf capacity</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>n/a</b>	<b>n/a</b>	<b>2,000</b>	<b>n/a</b>
<b>Total reported infrastructure capacity<sup>5</sup></b>	<b>2,385</b>	<b>2,385</b>	<b>2,605</b>	<b>3,280.3</b>	<b>3,361.2</b>	<b>3,458.1</b>	<b>5,491.2</b>	<b>6,281.2</b>	<b>3,511.2</b>	<b>6,096.1</b>
Notes:										
U = unknown; * = estimated; ** Essex figures show combined wharf and rail capacity at transhipment sites only for reasons of confidentiality; n/a = not available.										

<sup>5</sup> Note: where rail and wharf figures have been combined, combined figures have not been double counted in overall totals.

**Landbank in EEAWP Area**

2.18 As stated in the Planning Practice Guidance (paragraph 080 Reference ID: 27-080-20140306), landbanks of aggregate mineral reserves, or aggregate landbanks, are principally a monitoring tool to provide a mineral planning authority with early warning of possible disruption to the provision of an adequate and steady supply of land-won aggregates in their particular area. Aggregate landbanks should be used principally as a trigger for a mineral planning authority to review the current provision of aggregates in its area and to consider whether to conduct a review of the allocation of sites in the plan. In doing so, a mineral planning authority may take into account the remaining planned provision in the minerals local plan.

2.19 Aggregate landbanks should be recalculated each year. The length of the aggregate landbank is the sum in tonnes of all permitted reserves for which valid planning permissions are extant, divided by the annual rate of future demand based on the latest annual local aggregate assessment. In calculating landbanks, the term 'permitted reserve' includes current non-working sites but excludes those sites where mineral working cannot take place until there has been a review of the planning conditions attached to the relevant planning permission (paragraph 083 Reference ID: 27-083-20140306).

2.20 At the end of 2024, reserves of land-won sand and gravel in the East of England stood at 119.2mt. Applying the NPPF methodology based on a rolling average of 10 year sales indicates a landbank of 10.6 years at the end of 2024 (119.2/11.23) on a par with the landbank figure of 10.6 years recorded in 2023. Using the 10 year average sales figure methodology as set out in the NPPF indicates that all mineral planning authorities within the East of England except Hertfordshire could demonstrate sand and gravel landbanks in excess of the seven year threshold as at the end of 2024 (see Table 5 below) with Hertfordshire slipping back to 6.8 years, just below the 7 year minimum.

2.21 By comparison, reserves of crushed rock stood at just 2.67mt representing the lowest level of reserves recorded over the past decade (down from 3.88mt in 2023 and a high of 5.12mt in 2019). In terms of landbanks of crushed rock, based on the rolling average of 10 year sales, a landbank of 11.6 years can be demonstrated in 2024 compared with 13.6 years in 2023.

2.22 Finally, whilst this annual report generally looks at landbanks based on a rolling average of 10 year sales data, thereby adopting the suggested methodology within the NPPF, it should be noted that some of the authorities within the East of England adopt different approaches. Cambridgeshire and Peterborough prefer to rely on the rate set out within their development plan. Greater Essex has recently moved away from using the rate within its development plan and instead has adopted a rate equivalent to its 10 year sales average for 2024 plus 10%. Norfolk has recently reverted to basing its landbank on the 10 year sales average having previously based it on the rolling 10 year average sales figure plus 10%. This is so that Norfolk can now monitor whether the 10 year sales average figure is within the forecast figure contained within the recently adopted Norfolk Minerals and Waste Local Plan which is based on the 10 year sales average plus 10% using 2022 data. With effect from 2021, Hertfordshire has opted to calculate its landbank based on the rolling 10 year sales average.

2.23 Table 5 below gives details of the landbank in each mineral planning authority area within the East of England.

**Table 5: Landbank in East of England 2024**

Mineral Planning Authority	Sand and Gravel					Crushed Rock				
	10-year average sales (thousand tonnes)	LAA Rate (thousand tonnes)	Reserves (as at 31 <sup>st</sup> December 2024) (thousand tonnes)	Landbank in years based on Reserves / LAA Rate	Landbank in years based on Reserves / 10-year average	10-year average sales (thousand tonnes)	LAA Rate (thousand tonnes)	Reserves (as at 31 <sup>st</sup> December 2024) (thousand tonnes)	Landbank in years based on Reserves / LAA Rate	Landbank in years based on Reserves / 10-year average
Bedford, Central Bedfordshire and Luton	1,387	1,387	16,565	11.9	<b>11.9</b>	c	c	c	c	c
Cambridgeshire and Peterborough	3,013	2,600	31,955	12.3	<b>10.6</b>	c	c	c	c	c
Essex, Southend-on-Sea and Thurrock	3,281	3,630 <sup>6</sup>	36,257	10.0	<b>11.0</b>	n/a	n/a	n/a	n/a	n/a
Hertfordshire	1,080	1,080	7,366	6.8	<b>6.8</b>	n/a	n/a	n/a	n/a	n/a
Norfolk	1,438	1,442 <sup>7</sup>	18,168	12.6	<b>12.6</b>	c	c	c	c	c
Suffolk	1,030	1,030	8,913	8.7	<b>8.7</b>	n/a	n/a	n/a	n/a	n/a
<b>AWP TOTAL</b>	<b>11,229</b>	n/a	<b>119,224</b>	n/a	<b>10.6</b>	<b>230</b>	n/a	<b>2,669</b>	n/a	<b>11.6</b>

<sup>6</sup> With effect from 2024, Greater Essex's LAA rate is based on the 10 year sales average plus 10% where the 10 year sales average is 3.30mt.

<sup>7</sup> NB Norfolk's LAA rate is based on the 10 year sales average but assumes a 10 year sales average of 1.442mt. This is at slight variance with the 10 year sales average reported here owing to a disparity in reported figures for 2019 where this document relies on BGS data whilst Norfolk's LAA uses locally obtained figures.

## Imports and Exports

2.24 The following text is taken from the final published version of the four yearly Aggregate Mineral Survey carried out by the British Geological Survey in 2023 (AMS 2023). These four yearly surveys are the only published source of information on aggregate sales by destination region.

2.25 *'Inter-regional flows of crushed rock are significantly larger than for sand and gravel because of the overall larger demand for crushed rock, particularly for roadstone, and because regions such as the South East, London and the East of England have only minor, or inferior quality, crushed rock resources. In addition, the consistency and extent of some hard rock deposits permits their working on a very large scale, enabling much wider geographical areas to be served economically by rail. The transfer of crushed rock between regions is, therefore, more complex and uneven than for sand and gravel. It reflects the combined pattern of the extent of crushed rock resources and markets / population (demand)'*

2.26 *'Total exports of crushed rock from Wales to England were 3.4 Mt compared with 0.2 Mt in the opposite direction. Exports of crushed rock from North Wales, a traditional crushed rock exporter were 28% (1.4 Mt) of its crushed rock sales. An equivalent proportion (28%) of crushed rock sales from South Wales were exported. The traditionally large crushed rock producers in England, the East Midlands and South West, have the largest exports representing 49% (13.2 Mt) and 35% (8.3 Mt) of their respective total crushed rock sales. The main importing regions were the South East (8.8 Mt), the East of England (6.3 Mt), followed by the North West (6.0 Mt) and London (5.2 Mt). A significant amount of crushed rock (8.2 Mt) was imported from outside England and Wales, mainly from Scotland and Norway. The largest proportion was landed in the South East (2.1 Mt) and London (2.1 Mt) followed by the East of England (1.9 Mt) and the North West (1.1 Mt).'*

2.27 *'Total exports of sand and gravel from Wales to England were 0.7 Mt compared with Welsh imports from England of 0.1 Mt. The leading exporters of sand and gravel were London (1.7 Mt), the East of England (1.3 Mt) and the South East (1.5 Mt). Imports of sand and gravel into the South East (1.5 Mt) approximated exports. Other leading importing regions were London (1.4 Mt), the East Midlands (1.2 Mt) and the East of England (1.2 Mt). The majority of marine-dredged sand and gravel was used within the region where it was landed. The South East (7.0 Mt) and London (3.9 Mt) dominate marine-dredged sales.'*

2.28 It is particularly notable, when comparing the statistics recorded in the AMS 2023 to those in the AMS 2019, that *'Imports of crushed rock from outside England and Wales, mainly Scotland and Norway, have increased from 4.8 Mt in 2019 to 8.2 Mt in 2023'*.

2.29 As is clear from the above, the East of England is heavily dependent on imports of both sand and gravel and crushed rock, with the AMS 2023 recording that 1.2mt of sand and gravel and 6.3mt of crushed rock were imported from other regions in England and Wales in 2023 whilst an additional 1.9mt of crushed rock was landed into the East of England from outside England and Wales, mainly from Scotland and Norway. Hard rock imports are required because the majority of the mineral planning authority areas in the East of England do not have any hard rock geology (and the Carstone in Norfolk is not suitable for the uses for which the imported hard rock is brought in).

### 3. SECONDARY AND RECYCLED AGGREGATES

#### Introduction

3.1 The revised NPPF (December 2024 version, paragraph 223) specifically requires mineral planning authorities to take account of the contribution made by substitute or secondary and recycled materials and mineral waste before considering the extraction of primary materials whilst aiming to source mineral supplies indigenously.

#### Secondary Aggregates

3.2 Secondary aggregates are defined within the NPPF as 'aggregates from industrial wastes such as glass (cullet), incinerator bottom ash, coal derived fly ash, railway ballast, fine ceramic waste (pitcher), and scrap tyres; and industrial and minerals by-products, notably waste from china clay, coal and slate extraction and spent foundry sand. These can also include hydraulically bound materials'.

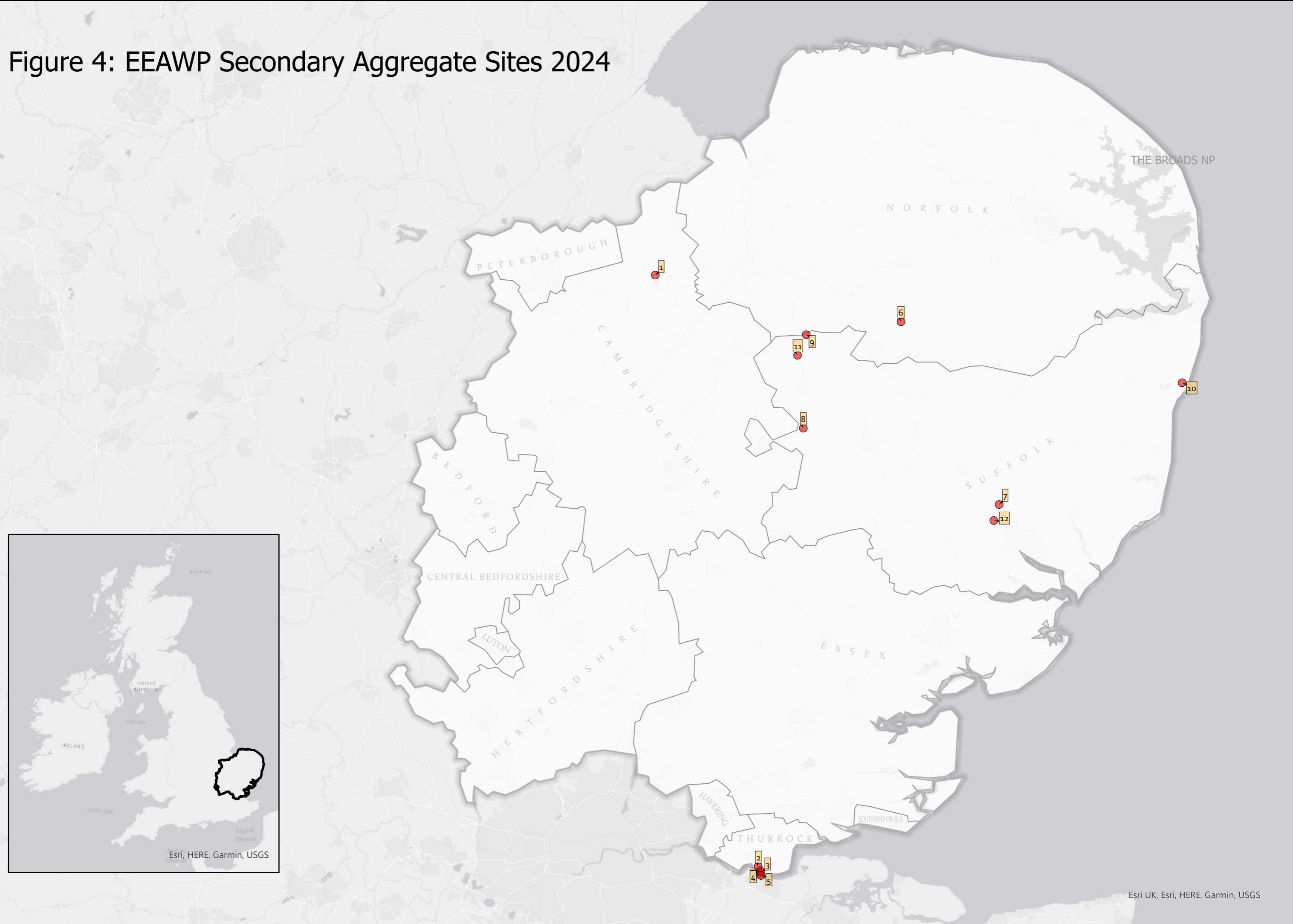
3.3 There are just 12 secondary aggregate sites within the East of England AWP area. Table 6a below endeavours to show secondary aggregate sales in the East of England over the ten year period 2015-2024 (though most data is unavailable) whilst Figure 4 shows the location of secondary aggregate sites in the EEAWP area in 2024.

**Table 6a: Secondary Aggregate Sales**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10 year average	3 year average
<b>Secondary Aggregate Sales (thousand tonnes)</b>												
Bedford, Central Bedfordshire and Luton	n/a	n/a										
Cambridgeshire and Peterborough <sup>8</sup>	No data	No data										
Essex, Southend-on-Sea and Thurrock	U	U	U	U	U	U	U	U	U	U	U	U
Hertfordshire	n/a	n/a										
Norfolk	U	U	U	U	U	U	U	U	U	U	U	U
Suffolk			81.11	82.90		11.68	3.14	C	No data	No data	n/a	n/a
<b>Total Reported Secondary Aggregate Sales (thousand tonnes)</b>	U	U	U	U	U	U	U	U	U	U	U	U

<sup>8</sup> Only one secondary aggregate site in area.

Figure 4: EEAWP Secondary Aggregate Sites 2024



### Recycled Aggregates

3.4 Recycled aggregates are defined within the NPPF as 'aggregates resulting from the processing of inorganic materials previously used in construction, e.g. construction and demolition waste'. This will include crushed concrete, bricks, tiles, glass, asphalt planings and spent railway ballast. Such materials need to comply with national specifications and aggregate standards and therefore continue to provide an increasingly important contribution as substitutes for primary aggregates.

3.5 For the purpose of reporting annual sales in Local Aggregates Assessments, recycled aggregate is taken as being material which meets the 'end of waste' criteria set out in the WRAP/Environment Agency Quality Protocol<sup>9</sup>, that is, the criteria that the production of aggregates from inert waste must meet to achieve end of waste status. It is worth noting that the guidance produced by Planning Officers Society/Mineral Products Association on Local Aggregates Assessments<sup>10</sup> gives a less stringent definition of recycled aggregates, as 'normally defined as an aggregate returning from the processing of inorganic materials previously used in construction'.

3.6 Robust data on arisings of construction, demolition and excavation waste including the amount sold as recycled aggregates have often been difficult to obtain and a standard methodology has not been adopted nationally. As a result of this, a guidance note has been prepared by representatives from the National Waste Technical Advisory Board Chairs and Aggregate Working Party Chairs<sup>11</sup>. This guidance note details the various options available for the collection and collation of data in order to estimate arisings and sales of recycled aggregates. These options include obtaining data from annual surveys provided to mineral operators, filtering information from that included within the Waste Date Interrogator (WDI) (which is produced annually by the Environment Agency and is based on data received from regulated waste management facilities), or relying on national data produced through a government commissioned survey (the last one of which, it is understood, took place in 2005).

3.7 In the East of England, most mineral planning authorities choose to rely on survey data taken from the WDI. Whilst efforts continue in order to improve data reliability and comprehensiveness, estimates have had to be made by some mineral planning authorities. When reported estimates for recycled aggregates' production are collated, an East of England total of 2.57mt is reached for 2024.

3.8 Table 6b below shows recycled aggregate sales in the East of England over the ten year period 2015-2024 whilst Figure 5 shows the location of recycled aggregate sites in the EEAWP in 2024.

<sup>9</sup> Aggregates from Inert Waste - Quality Protocol (the Quality Protocol is currently subject to a revision).

<sup>10</sup> A Guide to the Production and Use of Local Aggregate Assessments (planningofficers.org.uk)

<sup>11</sup> Recycled Aggregates Data – Guidance on Assessing Levels of Recycled Aggregates – link:

<https://www.cornwall.gov.uk/media/1jdpi3jc/final-guidance-on-recycled-aggregates-data-v6-jan-24.pdf>

**Table 6b: Recycled Aggregate Sales**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10 year average	3 year average	Calculation method	Comment
<b>Recycled Aggregate Sales (thousand tonnes)</b>														
Bedford, Central Bedfordshire and Luton	128.68	124.19	221.99	207.79	172.20	175.20	191.35	224.0	245.47	230.91	192.18	233.46	WDI	See footnote 13
Cambridgeshire and Peterborough	730	460	419	640	707	318	534	461	485	489	524	478	WDI	Footnote <sup>12</sup>
Essex, Southend-on-Sea and Thurrock	U	U	U	U	963	798	838	1072	965	891	n/a	976	WDI	Footnote <sup>13</sup>
Hertfordshire	317.31	234.78	246.11	272.66	237.79	236.07	315.83	311.0	377.4	312.26	286.12	333.55	WDI	Footnote <sup>14</sup>

<sup>12</sup> Estimate based on method used in previous Cambridgeshire and Peterborough LAAs for consistency. (Total estimate recycled aggregate WDI national method for 2024: 478kt)

<sup>13</sup> Methodology based on recycled aggregates data: Guidance on Assessing Levels of Recycled Aggregates (Jan 24) Section 3 (pg 3) WDI approach (including the 20% increase to account for mobile plant (para 14, pg 4))

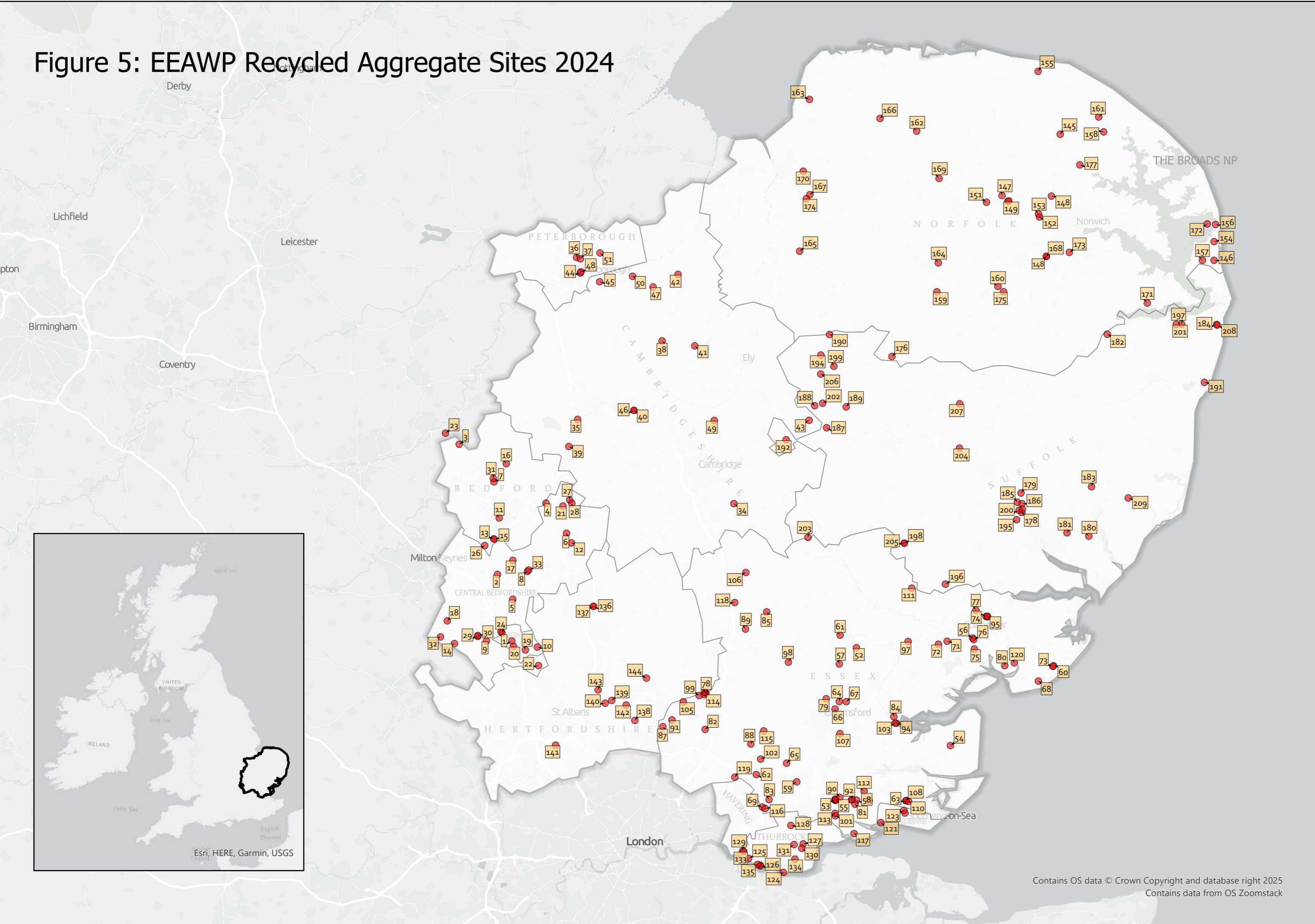
<sup>14</sup> Survey data used from 2017 – 2020. WDI used since 2021. An 80/20 split is assumed where the WDI figure is assumed to be 80% of the actual total of recycled material to take account of material which is being reused and recycled directly on construction sites; therefore, an uplift has been added to the figure provided by the WDI (equivalent to WDI figure x 1.25).

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10 year average	3 year average	Calculation method	Comment
<b>Recycled Aggregate Sales (thousand tonnes)</b>														
Norfolk	397	450	417	399	357	288	409	358	384	346	381	363	WDI	Footnote <sup>15</sup>
Suffolk			156	110.05		32.89	106.64	C: Single site	469.19	305.04	n/a	n/a	WDI since 2023.	Footnote <sup>16</sup>
<b>Total Reported Recycled Aggregate Sales (thousand tonnes)</b>	<b>1,573.0</b>	<b>1,269.0</b>	<b>1,460.1</b>	<b>1,629.5</b>	<b>2,437.0</b>	<b>1,848.2</b>	<b>2,394.8</b>	<b>2,426.0</b>	<b>2,925.7</b>	<b>2,574.2</b>	<b>2,053.7</b>	<b>2,642.0</b>		

<sup>15</sup> For recycled aggregates, data has been taken from the WDI for every year using the waste codes: 01 04 04, 01 04 08, 01 04 09, 17 01 01, 17 01 02, 17 01 03, 17 01 07, 17 03 02, 17 05 08, 17 09 04. Waste facility types used exclude landfill, storage on/in land, use in reclamation (this mainly results in waste facilities types of transfer and treatment remaining). Where information on fate was available (2017-2023) quantities of waste with fates to landfill, incineration and transfer for disposal have been excluded. Before 2016, information on fates was not included. Mobile plant data from the WDI has been excluded because their location is unknown. 20% has been added to the total to cover the proportion likely to be processed by mobile plant at construction sites.

<sup>16</sup> The following codes were used to generate the figure and 20% was then added on to reflect possible generation by mobile plant: 01 04 09 (waste sand and clays); 17 01 01 (concrete); 17 01 02 (bricks); 17 01 07 (mixture of concrete, bricks, tiles and ceramics); 17 03 02 (bituminous mixtures); 17 09 04 (mixed construction and demolition waste).

# Figure 5: EEAWP Recycled Aggregate Sites 2024



### National Data vs Survey Data

3.9 It is important to understand the data limitations associated with secondary and recycled aggregates. Most notably, the data within the WDI is collected from the returns from permitted facilities and records only waste received and waste exported from site. Secondary aggregates, where certain quality protocol specifications are met, are considered to be non-waste and are therefore not included within the waste tonnage returns. The data within the WDI does not account for mobile crushers or recycling and re-use that occurs on individual construction sites. Therefore, the tonnage of recycled aggregates reported in the WDI is likely to represent just a proportion of the recycled aggregates in circulation. As such, these figures are only estimates and should be treated with caution.

3.10 Latest figures available from the Mineral Products Association<sup>17</sup> estimate that, in 2022, total recycled and secondary sources of aggregates accounted for an average of approximately 30% of total aggregates supply in Great Britain reaching an estimated 73.5 million tonnes in 2022 (compared with 28% and 69.6mt in 2021). This is against a 2022 Great Britain total of 168.3mt of primary aggregates comprising quarried crushed rock and both land-won and marine dredged sand and gravel. By comparison, total reported sales of recycled and secondary aggregate in the East of England in 2024 amounted to approximately 2.57mt compared with a primary aggregates East of England total of 10.40mt, thus equating to just under 20% of total aggregates sales ( $2.57/(2.57 + 10.40) \times 100$ ), and comparing relatively favourably with the national picture (especially given the lack of reported data for secondary aggregate sales).

3.11 The AMS 2023 also collected sales data on secondary aggregates (section 10 of the AMS 2023 refers). These principally included china clay waste and slate waste. In total, 3.6mt of these alternative aggregates were sold in 2023 for aggregates uses. The equivalent total in 2019 was 2.4mt.

<sup>17</sup> 'Construction Aggregates Supply in Great Britain: Primary, Recycled and Secondary Aggregates in 2022' by the Mineral Products Association.

## 4. TRENDS AND ANALYSIS

### East of England

4.1 Sales of land-won sand and gravel in the East of England in 2024 decreased by 4.5% compared with the 2023 sales figure – from 10.15mt in 2023 down to 9.69mt in 2024. The three year average in 2024 dropped by 8% compared with the three year average in 2023 (for 2021-2023) whilst the ten year average in 2024 was 2.3% lower than that recorded in 2023 (for 2014-2023).

4.2 Sales figures for local crushed rock have, as in previous years, been combined for confidentiality reasons to provide an overall figure for the East of England. The figure now includes limestone from Cambridgeshire and Peterborough, Carstone from Norfolk and, since 2019, sandstone from Bedfordshire. In 2024, sales stood at 0.124mt, almost equivalent to the 2023 sales figure of 0.123mt, and remaining above the lowest sales' figure of the decade of 0.104mt recorded in 2019, but still a significant distance away from the decade's highest sales' figure of 0.456mt achieved in 2016. The 2024 sales figure was below both the 3 year average of 0.139mt and the 10 year average of 0.23mt.

4.3 Sales for both sand and gravel and crushed rock remain below the levels of provision anticipated within the sub-national apportionment figures (9.69mt (actual 2024 sand and gravel sales) versus 14.75mtpa (Guideline figure) and 0.12mt (actual 2024 crushed rock sales) versus 0.5mtpa (Guideline figure)). It is also important to consider the context of continued sales against the backdrop of a general downward trend in reserves. The Mineral Products Association, in its 11<sup>th</sup> Annual Mineral Planning Survey Report (AMPS 2023), has revealed that as of the end of 2022, the rolling 10-year average for replenishment of sand and gravel reserves in the UK was 61% (compared with 63% in 2021) whilst, for crushed rock reserves, the replenishment rate was just 33% (compared with 52% in 2021)<sup>18</sup>. This position is clearly unsustainable going forwards. Caution should, therefore, continue to be exercised when assessing the position against 10 year sales figures and individual mineral planning authorities are encouraged to give careful consideration to their annual aggregate provision rates when preparing their Local Aggregate Assessments and particularly when reviewing their development plans.

4.4 At the end of 2024, reserves of land-won sand and gravel in the East of England stood at 119.2mt. Applying the NPPF methodology based on a rolling average of 10 year sales indicates a landbank of 10.6 years at the end of 2024 (119.2/11.23) on a par with the landbank figure of 10.6 years recorded in 2023. Using the 10 year average sales figure methodology as set out in the NPPF indicates that all mineral planning authorities within the East of England except Hertfordshire could demonstrate sand and gravel landbanks in excess of the seven year threshold as at the end of 2024 with Hertfordshire slipping back to 6.8 years, just below the 7 year minimum.

4.5 By comparison, at the end of 2024 reserves of crushed rock stood at just 2.67mt representing the lowest level of reserves recorded over the past decade (down from 3.88mt in 2023 and a high of 5.12mt in 2019). In terms of landbanks of crushed rock, based on the rolling average of 10 year sales, a landbank of 11.6 years can be demonstrated in 2024 compared with 13.6 years in 2023.

<sup>18</sup> Based on a survey of land-won sales data provided by MPA members noting that MPA producer members typically represent 90% of the total GB primary aggregates market, including both land-won and marine aggregates.

4.6 A number of planning permissions generating a total of 7.86mt of additional reserves of sand and gravel were granted in the East of England during 2024, with other applications approved in 2025 (to be included in 2025 data) and a further application previously approved but still subject to completion of a section 106 agreement.

4.7 The distribution of permitted sand and gravel reserves amongst the mineral planning authorities within the East of England is detailed in Appendix 2. The two largest proportions of reserves within the region are held by Cambridgeshire and Peterborough and Essex, Southend-on-Sea and Thurrock with 31.955mt and 36.257mt, respectively, representing approximately 27% and 30% of the region's total reserves.

4.8 Finally, it should also be noted that the East of England is heavily dependent on imports of both sand and gravel and crushed rock, with the AMS 2023 recording that 1.2mt of sand and gravel and 6.3mt of crushed rock were imported from other regions in England and Wales in 2023 whilst an additional 1.9mt of crushed rock was landed into the East of England from outside England and Wales, mainly from Scotland and Norway. Hard rock imports are required because the majority of the mineral planning authority areas in the East of England do not have any hard rock geology (and the Carstone in Norfolk is not suitable for the uses for which the imported hard rock is brought in).

#### **Bedford Borough, Central Bedfordshire and Luton**

4.9 Sales of aggregate sand and gravel for Bedford, Central Bedfordshire and Luton in 2024 stood at 0.85mt, a significant reduction compared with the 2023 figure of 1.37mt and representing the lowest sales figure of the decade. By way of comparison, the 3 and 10 year sales averages were 1.21mt and 1.39mt respectively.

4.10 It is suggested that flooding affected sales from all quarries in 2024 whilst economic concerns resulted in a 4 month suspension of extraction operations at one quarry and two other quarries either exhausted their permitted reserves or completed dry land extraction.

4.11 Overall, the Bedfordshire authorities accounted for just 8.7% of sand and gravel sales within the East of England in 2024.

4.12 Reserves of sand and gravel in the area at the end of 2024 amounted to 16.6mt compared with 16.5mt in 2023 with planning permission having been granted in December 2024 for 1.75mt of sand and gravel extraction at Willington Lock Quarry. Note that, despite this grant of permission, the total reserves figure has not increased by the corresponding amount owing to reassessments of reserves at various existing sites combined with 2024 sales.

4.13 Applying the methodology set out in the NPPF based on the rolling average of 10 year sales to the stated reserves indicates a landbank of 11.9 years for land-won sand and gravel compared with 11.3 years at the end of 2023.

4.14 For the sixth year running, a small amount of crushed rock in the form of sandstone has been reported emanating from a single site in Bedfordshire. For reasons of confidentiality, figures relating to this source of sandstone have been combined with those relating to sales of limestone in Cambridgeshire and Peterborough and Carstone in Norfolk. Commentary on these combined figures is set out within the Cambridgeshire and Peterborough section, below.

## Cambridgeshire and Peterborough

4.15 Sand and gravel sales during 2024 in Cambridgeshire and Peterborough totalled 2.87mt - a tiny increase compared with the 2.84mt sales figure recorded in 2023 but lower than both the ten year and three year averages of 3.01mt and 2.92mt, respectively. Sales in the area during 2024 accounted for just under 30% of sales within the East of England.

4.16 Reserves of aggregate sand and gravel in Cambridgeshire and Peterborough reduced in 2024 down to just under 32mt from just shy of 34mt in 2023 and continuing the steady downward trajectory from the start of the decade when reserves stood at 43.3mt (2015). The 2024 figure equates to an approximate 27% proportion of sand and gravel reserves within the East of England. One sand and gravel site was granted planning permission for an extension during 2024, resulting in additional reserves of 0.796mt.

4.17 Adopting the NPPF approach of applying the rolling average of ten year sales and based on the reserves figure of 31.955mt indicates a sand and gravel landbank for the area of 10.6 years (31,955/3,013), a significant drop from the 17.5 years recorded at the end of 2018, though still well above the minimum 7 year landbank required by the NPPF. In practice, Cambridgeshire and Peterborough usually adopts the policy rate included within its Minerals and Waste Local Plan (adopted in 2021) of 2.6mtpa when calculating its sand and gravel landbank. The Plan explains at paragraph 3.19 that this figure '*represents the mid-point between the 10 year sales average and the 3 year sales average, and is also a 10% increase on the 10 year sales average (10% often being used as a proxy for a buffer above the 10 year sales average in other Minerals and Waste Local Plans).*' Whilst using the 2.6mtpa figure results in a slightly longer landbank of 12.3 years (31,955/2,600), it should be noted that the 10 year sales average referred to within the supporting text to the policy is stated to be 2.36mtpa whilst the 3 year average is stated to be 2.89mtpa. These averages are assumed to relate, respectively, to the 10 year period 2008-2017 and the 3 year period 2015-2017. The corresponding 10 and 3 year averages for periods ending in 2024 are 3.01mtpa and 2.92mtpa.

4.18 Cambridgeshire and Peterborough is also required to meet an apportionment for the production of crushed rock, namely limestone. As in previous years, sales data relating to crushed rock sales in the area have been combined with crushed rock (Carstone) sales in Norfolk for confidentiality reasons owing to the limited number of operators. From 2019 onwards, sales data have also been combined with sales of sandstone from one site in Bedfordshire.

4.19 The combined sales of crushed rock during 2024 totalled 0.124mt, almost equivalent to the 2023 sales figure of 0.123mt, and remaining above the lowest sales' figure of the decade of 0.104mt recorded in 2019, but still a significant distance away from the decade's highest sales' figure of 0.456mt achieved in 2016. The 2024 sales figure was below both the 3 year average of 0.139mt and the 10 year average of 0.23mt.

4.20 Reserves of crushed rock as at the end of 2024, again combined with reserves within Norfolk and Bedfordshire, stood at just 2.67mt representing the lowest level of reserves recorded over the past decade (down from 3.88mt in 2023 and a high of 5.12mt in 2019). In terms of landbanks of crushed rock, based on the rolling average of 10 year sales, a regional landbank of 11.6 years can be demonstrated in 2024 compared with 13.6 years in 2023.

**Essex, Southend-on-Sea and Thurrock**

4.21 Sales of sand and gravel in 2024 for the Greater Essex area stood at 3mt, marginally lower than the 2023 sales figure (3.04mt) and lower than both the ten year average (2015-2024) of 3.28mt and the three year average (2022-2024) of 3.15mt. Sales of sand and gravel within Greater Essex in 2024 accounted for 31% of those recorded within the East of England.

4.22 In terms of sand and gravel reserves, as at the end of 2024, this figure had increased slightly from that recorded in 2023 (35.07mt) to 36.26mt. The 2024 reserves figure of 36.26mt equates to approximately 30% of reserves within the East of England. A number of planning applications for sand and gravel were granted in Greater Essex during 2024 with a total of 3.36mt of sand and gravel permitted overall. An additional 0.57mt was permitted in 2025 whilst a further 1.5mt had previously been permitted but remains subject to completion of a section 106 agreement; these amounts will be added to Essex's total reserves in future reports.

4.23 Adopting the NPPF approach of applying the rolling average of ten year sales and based on the reserves figure of 36.26mt indicates a sand and gravel landbank for the area of 11.0 years (36.26/3.28). Until this year, however, Greater Essex had calculated its landbank using the policy rate of 4.45mtpa contained within the Essex Minerals Local Plan (adopted in 2014) and replicated within the Thurrock Core Strategy which was updated in 2015. This rate would generate a landbank of 8.1 years (36.26/4.45). This year, however, Greater Essex has opted instead to adopt a rate equivalent to its 10 year sales average for 2024 plus 10% where the 2024 10 year sales average is 3.30mt, thus equating to 3.63mt. Based on this annual provision rate, the landbank is 10.0 years (36.26/3.63).

**Hertfordshire**

4.24 Sales of sand and gravel in Hertfordshire during 2024 totalled just 0.72mt, down on both the 2023 sales of 0.78mt and the 2022 sales figure of 1.02mt and, for the third year running, representing the lowest level of sales of the decade. As for the past two years, the 2024 sales figure is less than both the 3 year (2022-2024) sales average (0.84mt) and the 10 year (2015-2024) sales average (1.08mt). In 2024, sales of sand and gravel in Hertfordshire accounted for just 7.5% of the total sales within the East of England.

4.25 Reserves of sand and gravel in Hertfordshire at the end of 2024 decreased to 7.37mt, down from 8.34mt in 2023. The 2024 figure equates to just over 6% of the total reserves within the East of England.

4.26 The reserves figure of 7.37mt equates to a landbank in 2024 of 6.8 years (compared with 7.4 years in 2023). Note that, since 2021, Hertfordshire has opted to calculate its landbank based on the rolling 10 year sales average, which this year covers the period 2015-2024. This change was carefully considered to take into account changes in reserves as well as changes in projected future demand based on PPG guidance which provides that '*Aggregate landbanks should be recalculated each year. The length of the aggregate landbank is the sum in tonnes of all permitted reserves for which valid planning permissions are extant, divided by the annual rate of future demand based on the latest annual Local Aggregate Assessment*' (Paragraph: 083 Reference ID: 27-083-20140306). This figure, which will change each year in the LAA, will be called the 'LAA Rate', and Hertfordshire's landbank will change each year based on this changing rate. This is a different rate from the 'annual provision

rate' which is the rate fixed in the emerging Minerals and Waste Local Plan. If the landbank continued to be calculated each year simply using the rate fixed in the Plan, then it is considered that this would not be an accurate reflection of the landbank.

4.27 As Hertfordshire's landbank has, once again, slipped below the 7 year minimum landbank required by the NPPF, Hertfordshire will need to continue to monitor its landbank and to address any potential shortfall in its supply of sand and gravel via a review of its Minerals Local Plan. In this regard, it should be noted that a review of Hertfordshire's adopted Minerals Local Plan was commenced in 2022 but that this process is currently on hold pending determination by the Secretary of State of a planning application at Hatfield Aerodrome, a site which is included as a Preferred Area for sand and gravel extraction within the adopted Minerals Plan. If granted, the application would result in 8mt of additional reserves of sand and gravel which would clearly have a positive impact on Hertfordshire's sand and gravel landbank.

### **Norfolk**

4.28 Sand and gravel sales in Norfolk increased from 1.27mt in 2023 to 1.51mt in 2024, with the 2024 figure exceeding both the 3 and 10 year sales averages of 1.38mt and 1.44mt respectively. The 2024 sales in Norfolk accounted for 15.5% of those recorded within the East of England.

4.29 Norfolk's permitted reserves of sand and gravel at the end of 2024 were 18.2mt, a similar figure to that recorded in 2023 and remaining close to the highest level of reserves recorded over the decade of 18.6mt in 2021. The 2024 figure equates to 15% of the total reserves within the East of England.

4.30 Norfolk's landbank for sand and gravel as at the end of 2024 based on a rolling average of 10 years' sales stood at 12.6 years (18,168/1,442). (Note that the 10 year sales average figure of 1.442mt is at slight odds with the 1.438mt 10 year average sales figure reported in this document owing to different approaches to the 2019 sales figure which, in this report, is based on AMS 2019 compared with a locally derived figure used by Norfolk). Norfolk has this year changed its LAA rate from the 10 year average plus 10% to just the 10 year average. This is because the Norfolk Minerals and Waste Local Plan (NM&WLP) was adopted in 2025 using the 10 year sales average plus 10% and Norfolk now needs to monitor whether the 10 year sales' average figure is within the forecast figure used in the NM&WLP.

4.31 In 2024, 1.551mt of sand and gravel were approved for extraction at an allocated site, namely land south of Rawhall Lane, Beetley.

4.32 In addition to sand and gravel, Norfolk is also required to meet an apportionment for crushed rock, namely Carstone. As noted above, the figures pertaining to crushed rock have been collated with those relating to limestone within Cambridgeshire and Peterborough and, since 2019, with sandstone from Bedfordshire in order to avoid disclosure of confidential data. In Norfolk, the production of Carstone is concentrated into relatively few workings and production levels can vary significantly each year depending on individual construction projects. Commentary on these combined figures is set out within the Cambridgeshire and Peterborough section, above. No new planning applications for additional Carstone extraction were received in Norfolk in 2024 and no new permissions were granted.

**Suffolk**

4.33 Sales of sand and gravel in Suffolk during 2024 were recorded as just 0.74mt compared with 1.05mt in 2022 and 0.86mt in 2023, representing the lowest level of sales of the past decade during which sales have generally hovered around the 1mt mark. It is suggested that the reason for the continued downturn in sales stems from operations continuing to wind down at one quarry and slowing down between phasing at another. The three year average is now reflective of the recent downturn in sales standing at 0.88mt whilst the ten year average remains at the million tonne mark standing at 1.03mt. Sales of sand and gravel in Suffolk during 2024 accounted for just 7.6% of the total sold within the East of England.

4.34 In terms of reserves of sand and gravel in the area, these were recorded as being 8.9mt at the end of 2024 compared with 9.5mt at the end of 2023. This translates to a landbank figure of 8.7 years based on the 10 year average sales figure, compared with last year's 9.0 year landbank.

4.35 One application which was still pending at the end of 2024 but which has since been granted at Belstead Quarry (July 2025) means that 3.1mt of sand and gravel reserves will be able to be added to Suffolk's reserves figure for 2025. This should have a correspondingly positive effect on the landbank. As within all mineral planning authority areas, particular development projects may or may not come forward; however particular attention should continue to be drawn to the proposals for Sizewell C nuclear power station in Suffolk. This commenced construction in January 2024 and is expected to take 12 years to complete. It should be recognised that as this project proceeds, it is likely to have a rapid and significant impact on the complexion of aggregate reserves.

**Major Construction Projects or Developments**

4.36 MHCLG requires the Annual Monitoring Reports to include information on 'major construction projects' within the East of England. 'Major construction projects' are considered to be those developments which are anticipated to have greater than local influence on aggregate demand. In order to provide some focus for the purposes of the AMR, major construction projects have been taken to be significant transport/infrastructure projects and residential/mixed residential schemes in excess of 200 units. Table 7 below identifies those construction projects that have been identified in the East of England as being of relevance in 2024.

**Table 7: Major Construction Projects in EEAWP area**

Mineral Planning Authority	Major Construction Project	Comments
Bedford, Central Bedfordshire and Luton	<ul style="list-style-type: none"> <li>New railway line between Bedford Station and Cambridge Station plus associated works to the railway network including changes to level crossings and stations as well as the provision of new facilities.</li> <li>National Infrastructure Project: Expansion of London Luton Airport from its current permitted capacity of 18 million passengers per annum (mppa) up to 32 mppa, including: new terminal capacity; additional taxiways and other transport infrastructure; the construction of landside support buildings, surface access adjustments; mitigation works and other associated development.</li> <li>A428 Black Cat to Caxton Gibbet Road Improvement Scheme. Construction will include 19km of new dual carriageway and grade separated junctions.</li> <li>Redevelopment of Vauxhall motor works. Current proposals for a commercial/ industrial park.</li> <li>Universal Destinations. A new 268 hectare theme park in Bedford, likely to be the UK's biggest tourist attraction. Expected to drive major infrastructure improvements, including a newly expanded Wixams station, direct slip roads from the A421, and wider local road upgrades.</li> </ul>	<p>Non-statutory consultation conducted 2024/25. Oxford-Bedford stage expected to complete 2030. DCO required for Bedford-Cambridge stage.</p> <p>DCO granted 03 April 2025. Legal challenge lodged with the High Court, expected to be heard late 2025/ early 2026.</p> <p>Construction is now underway and the road is expected to open in 2027.</p> <p>Expected to commence in 2027 and complete in 2028. Planning application yet to be submitted.</p> <p>Special development order applied for. Consultation conducted 2025. Expected to be operational in 2031.</p>
Cambridgeshire and Peterborough	<p><u>Peterborough City Council:</u></p> <ul style="list-style-type: none"> <li>Junction 2 Improvements</li> <li>Junction 3 Improvements</li> </ul>	<p>Highway improvement works and active travel schemes (project planning phase during 2024).</p> <p>Highway improvement works and active travel schemes (project completed during 2024)</p>

Mineral Planning Authority	Major Construction Project	Comments
	<ul style="list-style-type: none"> <li>• A16 Norwood Improvements</li>   <u>Cambridgeshire County Council:</u> <ul style="list-style-type: none"> <li>• A428 Black Cat to Caxton Gibbet Road Improvement scheme</li> <li>• (EA) Cranbrook &amp; Counter Drain Flood Risk Management Strategy</li> <li>• (AW) Fens Reservoir Project</li> <li>• A47 Highways Dualling</li> <li>• Cambourne to Cambridge Greenway (segregated public transport route)</li> <li>• Waterbeach to Cambridge Greenway (segregated public transport route)</li> <li>• East West Rail</li> <li>• Grafham to Cambridge Pipeline</li> <li>• Note – planned housing not included in above list</li> </ul> </ul>	<p>Highway improvement works along the A16 and A47 to facilitate planned growth at Norwood (2024-25; in project planning during 2024)</p> <p>Pre-Submission 2020; DCO/NSIP Examination 2021/22; Construction commenced in 2023 and continued in 2024.</p> <p>Initial planning phase started 2022; planning continued in 2024</p> <p>Initial planning phase started 2022; planning continued in 2024</p> <p>Planning 2022/23; construction 2024</p> <p>Initial planning phases started 2024</p> <p>Initial planning phases started 2024</p> <p>Initial planning 2025</p> <p>Initial planning 2025</p>
	<ul style="list-style-type: none"> <li>• Bradwell B Nuclear Power Station</li> <li>• Norwich to Tilbury electricity grid upgrade</li> </ul>	<p>Project paused in January 2021</p> <p>DCO submission expected 2025. Estimated construction from 2027. Estimated fully operational from 2031</p>

Mineral Planning Authority	Major Construction Project	Comments
Essex, Southend-on-Sea and Thurrock	<ul style="list-style-type: none"> <li>• Bramford to Twinstead Electricity Connection Project</li> <li>• Sea Link</li> <li>• Longfield Solar Farm</li> <li>• Lower Thames Crossing</li> <li>• Oikos Marine and South Side Development including installation of additional marine infrastructure</li> <li>• M25, Junction 28</li> <li>• A12 Widening (19 – 25)</li> <li>• New A120 Braintree to the A12 route</li> <li>• M11 Junction 8</li> <li>• Chelmsford North - East Bypass</li> <li>• A120/A133 Link Road and Rapid Transit System</li> <li>• Rapid Transport System (Clingoe Hill section)</li> <li>• Beaulieu Park Station</li> <li>• A127/A130 Fairglen Interchange</li> </ul>	<p>DCO consent granted September 2024; estimated to be fully operational by autumn 2028</p> <p>DCO submission autumn 2024; construction expected 2026-2031</p> <p>DCO granted June 2023; estimated to be operational by 2026</p> <p>DCO granted March 2025; estimated open to traffic early 2030s though government yet to confirm funding</p> <p>DCO submission 2025 but project currently on hold</p> <p>Estimated open to traffic 2025; under construction</p> <p>Government decision to cancel the scheme in July 2025 because of lack of funding</p> <p>Scheme deferred beyond 2030; subject to spending review</p> <p>Completed summer 2024</p> <p>Due to open to traffic – 2026 - but awaiting securing of funding</p> <p>First phase due to open to traffic – 2026</p> <p>Permission granted in Nov 21. Due to be delivered in four phases with three of these due to be completed in 2025</p> <p>Due to open - late 2025</p> <p>Construction due to start in 2025 and take 2 years to complete</p>

Mineral Planning Authority	Major Construction Project	Comments
	<ul style="list-style-type: none"> <li>• A127 Improvement Package</li> <li>• Army and Navy sustainable transport package</li> <li>• Millennium Way slip roads</li> <li>• Stansted Airport airfield works plus a throughput of 43 million passengers per annum</li> <li>• Freeport East (Harwich Bathside Bay component)</li> <li>• Rivenhall Integrated Waste Management Facility and Energy Centre Development</li> <li>• Hedgehog Grove Solar Farm</li> <li>• Harwich, Tarchon Energy</li> <li>• North Falls Wind Farm</li> <li>• Five Estuaries Wind Farm</li> <li>• London Gateway Logistics Park</li> <li>• Note – there are numerous major 200+ unit housing developments both under construction and proposed across Greater Essex which are not included in the above list</li> </ul>	<p>Business case submitted June 2024. Construction expected 2028-30</p> <p>Applications approved Nov 24. Construction to commence spring 2027. Due to open to traffic early 2029</p> <p>To be decided</p> <p>Construction has commenced</p> <p>Under construction</p> <p>Estimated to be fully operational in 2025</p> <p>At pre-application stage</p> <p>At pre-application stage</p> <p>Expected to be fully operational by 2030 but scheme is reliant on consenting and construction of Norwich to Tilbury grid upgrade</p> <p>Expected to be fully operational by 2030 but scheme is reliant on consenting and construction of Norwich to Tilbury grid upgrade</p> <p>Expected beyond 2024</p>
Hertfordshire	<ul style="list-style-type: none"> <li>• HS2</li> </ul>	<p>The Colen Valley Viaduct part of HS2 finished construction in September 2024. Remainder estimated by 2035/40.</p>

Mineral Planning Authority	Major Construction Project	Comments
	<ul style="list-style-type: none"> <li>• Three Score Site, Land South of Clover Hill Road, Norwich - Phase one 755 dwellings, Phase Two 153 dwellings</li> <li>• Barrack Street Development Site, Norwich</li> <li>• St Annes Wharf, King Street, Norwich</li> <li>• Anglia Square, Norwich</li> <li>• The Blackdale Building, Bluebell Road, Norwich</li> <li>• Land west of Knights Hill Village, Grimston Road, South Wootton, King's Lynn</li> <li>• Land South of Denver Hill, Downham Market</li> <li>• Land SE of Queen Mary Road, Gaywood, King's Lynn</li> <li>• Edward Benefer Way, King's Lynn</li> <li>• Land NE of Bridle Lane, Downham Market</li> <li>• Land South of Salhouse Road, Sprowston, Norwich</li> <li>• Royal Norwich Golf Club, Drayton High Road, Hellesdon, Norwich</li> <li>• Land East of Holt Road, Horsford</li> </ul>	<p>Phase one began 08/2014, Phase two began 2020. Anticipated end: 2033/34</p> <p>218 dwellings; Jan 20 - completed in 2024/25</p> <p>437 dwellings, 2128 sqm of A1, A2, A3 and D2 uses and car parking; April 2019 - 2028/29</p> <p>4.65ha site for demolition and clearance of all buildings and structures redevelopment of the site for a maximum of 1,100 residential dwellings, 8,000 sqm retail, commercial and other non-residential floorspace; 2025 - 2036/37</p> <p>Student accommodation to provide 915 bedrooms and communal accommodation. (Equivalent to 366 dwellings); 2015 - 2033/34</p> <p>574 dwellings; 2025/26 - 2039/40</p> <p>300 dwellings; 2025/26 - 2031/32</p> <p>226 dwellings; 2024/25 - 2026/27</p> <p>450 dwellings and mixed use local centre; 2025/26 - 2032/33</p> <p>226 dwellings; 2024/25 - 2029/30</p> <p>351 dwellings; Nov 21 - 2032/33</p> <p>987 dwellings and a primary school site and 1,900m<sup>2</sup> for D1/D2 community use; Sep - 18 - beyond 2029</p> <p>304 dwellings; Mar 19 - 2024/25</p>

Mineral Planning Authority	Major Construction Project	Comments
Norfolk	<ul style="list-style-type: none"> <li>• Land at St Faiths Road, Old Catton, Norwich</li> <li>• White House Farm, Land at Blue Boar Lane, Sprowston, Norwich</li> <li>• Land South of Salhouse Road, Sprowston, Norwich</li> <li>• Land South of Smee Lane, Postwick, Norwich</li> <li>• Land off Green Lane West, Rackheath, Norwich</li> <li>• Land East of Buxton Road, Spixworth, Norwich</li> <li>• Land at Manor Park, Drayton, Norwich</li> <li>• Land to the East of Broadland Way and to the North of the A4, Postwick, Norwich</li> <li>• Greater Norwich Food Enterprise Zone, Red Barn Lane, Honingham, Norwich</li> <li>• Land at Brook Farm and Latural Farm, Green Lane, Thorpe St Andrew, Norwich</li> <li>• Land at Norwich Road, Aylsham</li> <li>• Land North of Smee Lane, Great Plumstead</li> </ul>	<p>328 dwellings; Jul 19 - 2026/27</p> <p>Up to 1233 dwellings including link road and primary school; May 15 - beyond 2028</p> <p>Minimum 803 dwellings and site for new primary school; Mar 22 - 2029/30</p> <p>520 dwellings and infrastructure incl. primary school site, nursing home and retirement community; Jan 23 - beyond 2027</p> <p>322 dwellings; May 22 - 2026/27</p> <p>225 dwellings; Sep 22 - 2027/28</p> <p>267 dwellings; 2022 - 2028/29</p> <p>Business park of up to 4.2ha of B1 and B2 uses, up to 0.45ha of A1, A2, A3 and A4 uses, and up to 0.75ha of C2, C3; Dec 20 - unknown</p> <p>18.7 hectares in total; Feb 19 - unknown</p> <p>5.74 hectares Employment land for B1a, B2 or B8 uses; Jan 21 - unknown</p> <p>252 dwellings, 90-unit extra care / independent living scheme, associated infrastructure; Not commenced in 2024 - anticipated end date 2034/35</p> <p>315 dwellings; not commenced in 2024 - anticipated end date 2031/32</p>

Mineral Planning Authority	Major Construction Project	Comments
	<ul style="list-style-type: none"> <li>• Land at Green Lane East, Little Plumstead</li> <li>• Land adjacent Mahoney Green, Rackheath</li> <li>• Land to the North of Sprowston and Old Catton</li> <li>• Land between Fir Covert Road and Reepham Road, Taverham</li> <li>• Racecourse Plantation, Plumstead Road East, Thorpe St Andrew</li> <li>• Broadland Enterprise Park, Land off A140 Horsham St Faith</li> <li>• Land West of Lodge Farm, Costessey</li> <li>• Land SW of Newfound Farm, Cringleford</li> <li>• Land N of A11 &amp; SW of Round House Way, Cringleford</li> <li>• Land East of A11 and N/S of Round House Way, Cringleford, Norwich</li> <li>• Land North of Hethersett village Phases A2 and B2</li> <li>• Land North of Shotesham Road, Poringland</li> </ul>	<p>130 dwellings and 93 bed extra care /independent living facility and medical centre; not commenced (outline); unknown end date</p> <p>205 dwellings ; not commenced (outline); unknown end date</p> <p>3520 dwellings, up to up to 16,800m<sup>2</sup> employment space, up to 8,800m<sup>2</sup> shops, services, cafes, restaurants etc. Not commenced (outline); unknown end date</p> <p>1530 dwellings, incl. specialist care units (class C2/C3), land for primary school, land for local medical/community centre, local centre and infrastructure; Not commenced (outline); unknown end date</p> <p>300 dwellings; not commenced (outline); unknown end date</p> <p>B2 and B8 commercial and industrial uses, filling station, 2 drive-thrus, car showroom, potential park and ride; not commenced in 2024; unknown end date</p> <p>495 dwellings and a primary school; Apr 15 - 2024/25</p> <p>650 dwellings; Apr 20 - 2027/28</p> <p>203 dwellings; Apr 20 - 2026/27</p> <p>650 dwellings; Apr 20 - 2027/28</p> <p>720 dwellings (part of a larger site for 1196 units); Apr 21 - 2031/32</p> <p>221 dwellings and commercial units; Dec 19 - 2026/27</p>

Mineral Planning Authority	Major Construction Project	Comments
	<ul style="list-style-type: none"> <li>• Land North of the A11, Wymondham</li> <li>• Wymondham Rugby Club And Land West Of Elm Farm, Norwich Common, Wymondham</li> <li>• Land between London Road and Suton Lane, Wymondham</li> <li>• Land N&amp;S of Dereham Road, Easton</li> <li>• Land East of Mendham Lane, Harleston</li> <li>• Land East of A140, Long Stratton</li> <li>• Land West of A140, Long Stratton</li> <li>• Long West of A140 Long Stratton</li> <li>• Long Stratton bypass (relief road)</li> <li>• Land west of Hethel Engineering Centre</li> <li>• Land west of Ipswich Road, Keswick</li> <li>• Site 25, Beacon Park, Bradwell, Great Yarmouth</li> </ul>	<p>231 dwellings (part of larger site for 730 dwellings); Dec 22 - 2027/28</p> <p>390 dwellings; Apr 21 - 2024/25</p> <p>246 dwellings; Feb 22 - 2027/28</p> <p>376 dwellings (part of a larger scheme for 890 dwellings); Aug 22 - 2027/28</p> <p>461 dwellings; Jun 23 - 2028/29</p> <p>1275 dwellings; not commenced in 2024; anticipated end date 2038 and beyond</p> <p>387 dwellings; Not commenced in 2024; anticipated end date 2035/36</p> <p>213 dwellings; Jan 25 - 2029/30</p> <p>Road scheme; Apr 24 - Opened in 2025</p> <p>New manufacturing (B2), production (B2), logistics (B8) and office buildings for Lotus; not commenced in 2024; unknown end date</p> <p>Employment development - B1, B2 and B8 uses and proposed link road and roundabout; Start and end dates unknown</p> <p>287 dwellings (231 dwellings remaining to build in March 2024); Dec 18 - beyond Mar 2028</p>

Mineral Planning Authority	Major Construction Project	Comments
	<ul style="list-style-type: none"> <li>• South Denes Operational Campus</li> <li>• Land at Nova Scotia Farm, Jack Chase Way, Caister, Great Yarmouth</li> <li>• Land East of Lowestoft Road, Lowestoft Road, Hopton, Great Yarmouth</li> <li>• Wheatcroft Farm, Land at South Bradwell, Great Yarmouth</li> <li>• Land at Greenfields Road, Dereham</li> <li>• Thetford Sustainable Urban Extension / Kingsfleet</li> <li>• Land north of Norwich Road, Attleborough</li> <li>• Land north of Red House, Norwich Road, Thetford</li> <li>• Swanton Road, Dereham</li> <li>• Attleborough Sustainable Urban Extension</li> <li>• East of Shiphams Road, Dereham</li> </ul>	<p>Operational and maintenance campus for the offshore renewables sector; Jan 25 - 2026</p> <p>Up to 665 dwellings, local centre (to include A1-A5, D1 and other community uses), land for primary school, health centre and associated infrastructure; Mar 25 - 2033/34</p> <p>200 dwellings; (60 units remaining to build in March 2025); May 21 - 2025/26</p> <p>850 dwellings; (120 units remaining to build in March 2025); Oct 2014 - 2027/28</p> <p>279 dwellings; (146 units remaining to build in March 2024); Under construction with estimated end date of 2027/28</p> <p>5,000 dwellings; (4,302 units remaining to build in March 2024); Under construction with end date unknown</p> <p>327 dwellings; (325 units remaining to build in March 2024); Under construction with estimated end date of 2032</p> <p>343 dwellings (112 units remaining to build in March 2024); under construction - 2026/27</p> <p>216 dwellings (none built by March 2024); 2026/27 - unknown end date</p> <p>4,000 dwellings (none built by March 2024); Not yet commenced; unknown end date</p> <p>291 dwellings (none built by March 2024); 2026/27 - unknown end date</p>

Mineral Planning Authority	Major Construction Project	Comments
	<ul style="list-style-type: none"> <li>• Hargham Road, Attleborough</li> <li>• Land North of Rudham Stile Lane, Fakenham</li> <li>• Land South of Norwich Road, North Walsham</li> <li>• A47 Blofield to North Burlingham dualling scheme (2.6km)</li> <li>• A47/A11 Thickthorn junction improvement</li> <li>• A47 North Tuddenham to Easton dualling scheme</li> <li>• Hornsea Three offshore wind farm</li> <li>• Norfolk Vanguard offshore wind farm</li> <li>• Norfolk Boreas offshore wind farm</li> <li>• Extension to Sheringham Shoal and Dungeon wind farms</li> </ul>	<p>200 dwellings (none built by March 2024); not yet commenced; unknown end date</p> <p>950 dwellings; Housing construction had not commenced in 2024 (roundabout construction has commenced); unknown end date</p> <p>350 dwellings and 37 dwellings equivalent older persons accommodation. Not commenced in 2024; unknown end date</p> <p>Commenced construction - anticipated end date 2026/27</p> <p>Commenced construction 2025 - unknown end date</p> <p>Commenced construction - anticipated end date 2027</p> <p>Onshore works commenced - anticipated end date 2027</p> <p>Onshore works commenced - anticipated end date 2028</p> <p>Onshore works commenced - anticipated end date 2030</p> <p>Onshore works commence in 2026; unknown end date</p>
Suffolk	<ul style="list-style-type: none"> <li>• Sizewell C</li> <li>• Gull Wing Bridge</li> <li>• Scottish offshore windfarm</li> </ul>	<p>Expected to take 12 years to complete. 2023-2035.</p> <p>Completed September 2024.</p> <p>Completion planned for 2026.</p>

Mineral Planning Authority	Major Construction Project	Comments
	<ul style="list-style-type: none"><li>• Ipswich Garden Suburb</li><li>• Progress Power</li></ul>	<p>Comprises 3 developments; All have commenced. Total housing being delivered is 3,654 of which at least 3,295 to be delivered by 2036.</p> <p>Construction has commenced; completion was aimed for by October 2024.</p>

### Development Plans and Mineral Policies in the EEAWP Area

4.37 Table 8 below shows details of relevant minerals plans within the East of England AWP area. Table 8b shows the total volume of aggregates allocated within plans together with estimated quantities of minerals which have been permitted to date from those allocations.

**Table 8: Mineral Plan Status within the EEAWP Area**

Mineral Planning Authority	Mineral Plan / Development Plan Document	Document URL	Draft Plan Publication (Reg 18)	Published (Reg 19)	Submitted	Adopted	Comment on status
Bedford, Central Bedfordshire and Luton	Minerals and Waste Local Plan: Strategic Sites and Policies LDD	Development framework   Central Bedfordshire Council			Aug-12	Jan-14	
	Bedfordshire and Luton Minerals and Waste Local Plan	As above				Jan-05	Many policies were replaced by the 2014 Plan but some have been saved and still apply to Bedford and Central Bedfordshire
Cambridgeshire and Peterborough	Minerals and Waste Local Plan	<a href="https://www.cambridgeshire.gov.uk/business/planning-and-development/planning-policy/adopted-minerals-and-waste-plan">https://www.cambridgeshire.gov.uk/business/planning-and-development/planning-policy/adopted-minerals-and-waste-plan</a>			Mar-20	Jul-21	
	RECAP Waste Management Design Guide (SPD)	<a href="https://www.cambridgeshire.gov.uk/business/planning-and-development/planning-policy/recap-waste-management-design-guide">https://www.cambridgeshire.gov.uk/business/planning-and-development/planning-policy/recap-waste-management-design-guide</a>				Feb-12	

Mineral Planning Authority	Mineral Plan / Development Plan Document	Document URL	Draft Plan Publication (Reg 18)	Published (Reg 19)	Submitted	Adopted	Comment on status
	Minerals and Waste Local Plan Review (Future)		Issues and Options expected Aug-26; draft plan consultation expected Oct-27	Pre-submission consultation expected Aug-28			
Essex, Southend-on-Sea and Thurrock	Essex Minerals Local Plan	<a href="https://www.essex.gov.uk/minerals-waste-planning-policy/minerals-local-plan">https://www.essex.gov.uk/minerals-waste-planning-policy/minerals-local-plan</a>				Jul-14	
	Essex Minerals Plan Review	<a href="https://www.essex.gov.uk/background-and-current-progress-with-the-minerals-local-plan-review">https://www.essex.gov.uk/background-and-current-progress-with-the-minerals-local-plan-review</a>	Feb / Mar 22 included call for sites; Mar / Apr 24 included site assessments	tbc	tbc	tbc	
	Thurrock Core Strategy	<a href="https://www.thurrock.gov.uk/core-strategy-local-plan/about-core-strategy">https://www.thurrock.gov.uk/core-strategy-local-plan/about-core-strategy</a>				Dec-11 and Jan-15	
	Thurrock Minerals and Waste Local Plan	<a href="https://www.thurrock.gov.uk/core-strategy-local-plan/minerals-and-waste">https://www.thurrock.gov.uk/core-strategy-local-plan/minerals-and-waste</a>	tbc	tbc	tbc	tbc	
	Southend New Local Plan	<a href="https://www.southend.gov.uk/planning-building/southend-new-local-plan">https://www.southend.gov.uk/planning-building/southend-new-local-plan</a>	Preferred Approach (Reg 18) anticipated Q2/Q3 2025	Anticipated Q2/Q3 2026	Anticipated Q4 2026	tbc	

Mineral Planning Authority	Mineral Plan / Development Plan Document	Document URL	Draft Plan Publication (Reg 18)	Published (Reg 19)	Submitted	Adopted	Comment on status
Hertfordshire	Hertfordshire Minerals Local Plan Review 2002-2016	<a href="https://www.hertfordshire.gov.uk/services/recycling-waste-and-environment/planning-in-hertfordshire/minerals-and-waste-planning/minerals-planning/minerals-planning.aspx">https://www.hertfordshire.gov.uk/services/recycling-waste-and-environment/planning-in-hertfordshire/minerals-and-waste-planning/minerals-planning/minerals-planning.aspx</a>				Mar-07	
	Emerging Minerals and Waste Local Plan	<a href="https://www.hertfordshire.gov.uk/services/recycling-waste-and-environment/planning-in-hertfordshire/minerals-and-waste-planning/local-plan.aspx">https://www.hertfordshire.gov.uk/services/recycling-waste-and-environment/planning-in-hertfordshire/minerals-and-waste-planning/local-plan.aspx</a>	Jul-22	tbc	tbc	tbc	Plan is on hold waiting for Secretary of State decision on the appeal at Ellenbrook (Hatfield Aerodrome) for the extraction of sand and gravel
Norfolk	Core Strategy and Development Management Policies 2010-2026 DPD	n/a				Sep-11	Since May 2025 replaced by new Minerals and Waste Local Plan
	Minerals Site Specific Allocations DPD	n/a				Oct-13 and revised Dec-17	Since May 2025 replaced by new Minerals and Waste Local Plan
	Waste Site Specific Allocations DPD	n/a				Oct-13	Since May 2025 replaced by new Minerals and Waste Local Plan
	Minerals and Waste Local Plan	<a href="https://www.norfolk.gov.uk/-/media/norfolk/downloads/what-we-do-and-how-we-work/policy-performance-and-partnerships/policies-.ashx">https://www.norfolk.gov.uk/-/media/norfolk/downloads/what-we-do-and-how-we-work/policy-performance-and-partnerships/policies-.ashx</a>	Aug-18	Sep-22	Dec-23	May-25	

Mineral Planning Authority	Mineral Plan / Development Plan Document	Document URL	Draft Plan Publication (Reg 18)	Published (Reg 19)	Submitted	Adopted	Comment on status
		and-strategies/minerals-and-waste-planning/norfolk-minerals-and-waste-local-plan-publication.pdf					
Suffolk	Suffolk Minerals and Waste Local Plan	<a href="https://www.suffolk.gov.uk/planning-waste-and-environment/minerals-and-waste-policy/suffolk-minerals-and-waste-development-scheme/">https://www.suffolk.gov.uk/planning-waste-and-environment/minerals-and-waste-policy/suffolk-minerals-and-waste-development-scheme/</a>				Jul-20	Commencement of formal review process or start of local plan process unlikely to occur given that Suffolk County Council set to cease to exist as an authority owing to local government reorganisation.

**Table 8b: Estimated quantity of minerals allocated in development plan**

Mineral Planning Authority	Mineral Plan / DPD	Total allocated sand and gravel (mt)	Quantity from sand and gravel allocation permitted to date (mt)	Total allocated crushed rock (mt)	Quantity from crushed rock allocation permitted to date (mt)
<b>Bedford, Central Bedfordshire and Luton</b>	Minerals and Waste Local Plan: Strategic Sites and Policies LDD	10.07	7.49	nil	nil
<b>Cambridgeshire and Peterborough</b>	Minerals and Waste Local Plan	17.623	2.463	nil	nil
<b>Essex, Southend-on-Sea and Thurrock</b>	Essex Minerals Local Plan	40.824	30.63	nil	nil
<b>Hertfordshire</b>	Hertfordshire Minerals Local Plan Review 2002-2016	18.5	14 remaining <sup>19</sup>	nil	nil
<b>Norfolk</b>	Minerals and Waste Local Plan	17.803	9.545	1.416	nil
<b>Suffolk</b>	Suffolk Minerals and Waste Local Plan	9.3	3.305 (plus 3.1 to be added in 2025 following grant of permission at Belstead Quarry in July 2025)	nil	nil

<sup>19</sup> NB 7.1mt was permitted from an allocated site identified with a potential yield of 4.5mt so remaining potential yield from allocations is shown here.

### Planning Applications in the EEAWP Area

4.38 Table 9 below gives details of planning applications current within the EEAWP area during 2024, together with estimates of tonnages likely to be generated by the sites permitted.

4.39 A number of planning permissions generating a total of **7.86mt** of additional reserves of sand and gravel were granted in the East of England during 2024, with other applications approved in 2025 (to be included in 2025 data) and a further application previously approved but remaining subject to completion of a section 106 agreement, as follows:

- Bedford, Central Bedfordshire and Luton: **1.75mt** of sand and gravel approved in 2024;
- Cambridgeshire and Peterborough: **0.796mt** of sand and gravel approved in 2024;
- Greater Essex: A total of **3.36mt** of sand and gravel approved in 2024 with a further **0.57mt** permitted in 2025 and **1.5mt** permitted prior to 2024 but still subject to completion of a section 106 agreement;
- Hertfordshire: 8mt of sand and gravel is currently subject to appeal;
- Norfolk: **1.551mt** of sand and gravel approved in 2024 whilst **1.542mt** was approved in 2025;
- Suffolk: **0.405mt** of sand and gravel approved in 2024 whilst **3.1mt** of sand and gravel was approved in July 2025.

**Table 9: Planning Applications** (Note: tonnages permitted in 2024 are shown in green whilst those pending subject to a s106 or permitted since 2024 are shown in orange.)

Mineral Planning Authority	Site Name	Grid Reference	Operator / Applicant	Type of Application	Mineral	Date Submitted	Decision date	Decision / Status (as at 31 December 2024)	Tonnage	Planning permission end date
Bedford, Central Bedfordshire and Luton	CB/22/02558/MW and 22/01468/EIAWM Land south of St Neots Road, Bedford incl. land to north east and west of existing Willington Lock Quarry extraction area, the existing Willington Lock Quarry and mineral processing plant site	512242 250754	Breedon Southern Ltd	E	S/G	15.06.22	02.12.24 (Central Bedfordshire) and 04.12.24 (Bedford)	Granted	1.75mt of additional sand and gravel extraction	2031 (estimated: expiry based on start date of soil stripping)
Cambridgeshire and Peterborough	Bridge Farm	539714, 276703	Mick George Ltd	E / ET	S/G	09.08.22	13.09.24	Granted	796,000t	Commencement plus 5 years
	Land to the south of Royston Sewage Treatment Works	535541, 242287	Mick George Ltd	N	RA	23.02.22		Pending	Nil	
	Slate Hall Farm, Oakington	539272, 263676	Cardinalis Development Ltd	CoU and E	RA	16.01.24	12.02.25	Pending (refused in 2025)	Nil	
	Lyons Farm Reservoirs, Manea	545336, 289580	Mr David Nicholas	VC	S/G	23.04.24	16.09.24	Granted	Nil	

Mineral Planning Authority	Site Name	Grid Reference	Operator / Applicant	Type of Application	Mineral	Date Submitted	Decision date	Decision / Status (as at 31 December 2024)	Tonnage	Planning permission end date
	Cooks Hole Quarry And Thornhaugh Landfill Site	505133, 299886	Augean South Ltd	ET	CR	16.02.24	26.09.24	Granted	Nil	31.12.38
Essex, Southend on Sea and Thurrock	Colemans Farm Quarry	583353, 215770	Brice Aggregates	E	S/G	01.04.21	01.02.24	Granted	0.265mt	2036
	Lufkins Farm, Frating	609724, 221924	Mr Stephen & George Poole & Wright / Mrs Angela Watts	N	S/G	19.11.21	02.04.24	Granted	1.086mt	Nov-34
	Land at Martells Quarry, Slough Lane, Ardleigh	604898, 227986	SRC Ltd	E	S/G	26.02.20	31.01.24	Granted	1.31mt *Allocated site	17 calendar years from the date of notification of the commencement
	A western extension to Colchester Quarry at Land at Bellhouse Farm South	594606, 222815	Tarmac	E	S/G	21.12.23	30.09.24	Granted	0.7mt	Within 24 months from the date of notification of the commencement of site preparation works
	Arnolds Farm, 221 Ongar Road, Lambourne, Romford, RM4 1RH	549306, 197681	Essex Grab Hire Limited	N	RA	28.11.22	04.04.24	Granted	0.08mt	Permanent
	Elmstead Hall, Tye Road, Elmstead, Colchester, Essex	605958, 225761	R W Mitchell & Sons	B	S/G	08.08.24		Pending (granted 01.04.25)	0.57mt	3 years post commencement
	Gaunts End, Home Farm, Green Street, Elsenham, Essex, CM22 6DR	555148, 225580	YROP Properties Ltd	N	RA	15.07.24		Pending (granted 29.09.25)	0.08mt	Permanent

Mineral Planning Authority	Site Name	Grid Reference	Operator / Applicant	Type of Application	Mineral	Date Submitted	Decision date	Decision / Status (as at 31 December 2024)	Tonnage	Planning permission end date
	Colchester Quarry	594951, 222427	Tarmac	E	RA	30.03.22		Pending (resolution to approve subject to s106)	0.08mt	31.10.26
	Orsett Quarry & Walton Hall Farm, Linford	567223, 180614	Ingrebourne Valley Ltd	E	S/G	01.11.19		Pending (resolution to approve subject to s106)	1.5mt	Unknown
	Land at Stanway Quarry and east of Colchester Zoo, Maldon Road, Stanway, Colchester, Essex, CO3 0SL	595488, 222105	Tarmac	E	S/G	05.04.23	25.03.24	Refused	(0.5mt)	n/a
Hertfordshire	Land at Hatfield Aerodrome	519837 083890	Brett Aggregates	N	S/G	03.09.21	31.10.23	Refused; subject to appeal Nov 24 and the inquiry has been re-opened by the Sec of State as at Nov 25	(8mt)	
	Land to the south of Royston Sewage Treatment Works, Royston	535541 242287	Mick George Ltd	N	RA	23.02.22		Pending	Tonnage relevant to Cambs area as cross boundary	
	Mangreen Quarry (FUL/2023/0039)	621871 303108	Tarmac Trading Limited	VC ET	S/G	16.11.23		Pending	n/a	
	Mangreen Quarry (FUL/2023/0027)	622029, 303342	Tarmac Trading Limited	VC ET	RA	28.07.23		Pending	n/a	

Mineral Planning Authority	Site Name	Grid Reference	Operator / Applicant	Type of Application	Mineral	Date Submitted	Decision date	Decision / Status (as at 31 December 2024)	Tonnage	Planning permission end date
Norfolk	Land off Crab Apple Lane, Haddiscoe, NR14 6SJ (FUL/2022/0056)	643891 297279	Breedon Trading Limited	N	G	07.12.22	31.05.24	Refused	(0.65mt)	
	Beeston Regis Quarry (FUL/2023/0033)	616905 341474	Carter Concrete Ltd	VC	S/G (VC for restoration only)	14.08.23	26.01.24	Granted	n/a	31.12.34
	East Bilney Quarry (FUL/2022/0031)	595748 318770	Middleton Aggregates Ltd	VC ET	S/G	28.11.23	(18.06.25)	Pending (granted in 2025)	n/a	31.12.37
	East Bilney Quarry (FUL/2022/0030)	595748 318770	Middleton Aggregates Ltd	VC ET	S/G	01.12.23	(18.06.25)	Pending (granted in 2025)	n/a	31.12.40
	East Bilney Quarry (FUL/2022/0029)	596847 318143	Middleton Aggregates Ltd	E	S/G	28.11.23	(18.06.25)	Pending (granted in 2025)	0.992mt	31.12.37
	Pentney Quarry (FUL/2023/0012)	569143 312646	Middleton Aggregates Ltd	VC ET	S/G	20.04.23	(09.05.25)	Pending (granted in 2025)	n/a	31.12.36
	Pentney Quarry (FUL/2023/0011)	569380 312630	Middleton Aggregates Ltd	VC ET	S/G	20.04.23	(09.05.25)	Pending (granted in 2025)	n/a	31.12.36
	Pentney Quarry (FUL/2023/0010)	567855 313503	Middleton Aggregates Ltd	VC ET	S/G	20.04.23	(09.05.25)	Pending (granted in 2025)	n/a	31.12.36
	Pentney Quarry (FUL/2023/0009)	569350 312660	Middleton Aggregates Ltd	E	S/G	27.04.23	(09.05.25)	Pending (granted in 2025)	0.55mt	31.12.36
	Heron Farm, Besthorpe (FUL/2023/0019)	608404 295268	Newall Plant Ltd	N	RA	20.06.23	07.02.24	Granted	60,000 tpa CDE waste for RA	Permanent

Mineral Planning Authority	Site Name	Grid Reference	Operator / Applicant	Type of Application	Mineral	Date Submitted	Decision date	Decision / Status (as at 31 December 2024)	Tonnage	Planning permission end date
	Longwater Industrial Area, William Frost Way, Costessey (LDC/2022/0004)	615589 311300	Longwater Gravel Company Ltd	CoE	RA	05.10.22		Pending (withdrawn 17.06.25)	Not specified	
	Kirby Cane Quarry (FUL/2024/0011)	638115 292774	The Lyndon Pallett Group Ltd	VC, ET	S/G (building)	26.02.24		Pending	n/a	
	Kirby Cane Quarry (FUL/2024/0012)	638094 292933	The Lyndon Pallett Group Ltd	VC, ET	S/G	26.02.24		Pending	n/a	
	Kirby Cane Quarry (FUL/2024/0013)	638005 293013	The Lyndon Pallett Group Ltd	VC, ET	S/G	26.02.24		Pending	n/a	
	Kirby Cane Quarry (FUL/2024/0014)	638063 292870	The Lyndon Pallett Group Ltd	VC, ET	S/G (plant)	26.02.24		Pending	n/a	
	Crimplesham Quarry (North), Main Road, Crimplesham, King's Lynn (FUL/2024/0004)	566417 303775	Mick George Ltd	VC, ET	S/G	22.02.24	06.06.24	Granted	n/a	30.04.25
	Crimplesham Quarry (North), Main Road, Crimplesham, King's Lynn (FUL/2024/0006)	566208 303946	Mick George Ltd	VC, ET	S/G	22.02.24	06.06.24	Granted	n/a	30.04.25

Mineral Planning Authority	Site Name	Grid Reference	Operator / Applicant	Type of Application	Mineral	Date Submitted	Decision date	Decision / Status (as at 31 December 2024)	Tonnage	Planning permission end date
	Land south of B1108, Carbrooke (FUL/2024/0041)	595280 300798	Skillplane Ltd	N	RA	18.09.24		Pending (withdrawn 06.10.2025)	(10,000 tpa)	
	Mill Drove, Blackborough End (FUL/2024/0036)	567561 314476	William George Sand and Gravel Ltd	VC, ET	S/G	11.09.24		Pending	n/a	
	Wymondham Quarry (FUL/2024/0026)	613662 300282	Longwater Gravel Co Ltd	VC, ET	S/G & RA	29.08.24		Pending	n/a	
	Crimplesham Quarry (North), Main Road, Crimplesham, King's Lynn (FUL/2024/0005)	566600 303691	Mick George Ltd	VC, ET	S/G	22.02.24	06.06.24	Granted	n/a	30.04.25
	Spixworth Quarry (FUL/2024/0030)	623622 315964	Tarmac Trading Ltd	VC	S/G	24.06.24	05.11.24	Granted	n/a	31.12.26
	Spixworth Quarry (FUL/2020/0080)	623615 315966	Tarmac Trading Limited	VC, ET	S/G	26.10.20	29.05.24	Granted	n/a	31.12.26
	Spixworth Quarry (FUL/2020/0079)	623618 315965	Tarmac Trading Limited	VC, ET	S/G	26.10.20	29.05.24	Granted	n/a	31.12.26
	Land south of Rawhall Lane, Beetley, Dereham (FUL/2022/0021)	595455 318130	Longwater Gravel Company Ltd	N	S/G	14.07.22	06.02.24	Granted	1.551mt	31.12.46

Mineral Planning Authority	Site Name	Grid Reference	Operator / Applicant	Type of Application	Mineral	Date Submitted	Decision date	Decision / Status (as at 31 December 2024)	Tonnage	Planning permission end date
	Larkshall Mill, Thetford Road, East Wretham (FUL/2023/0032)	592025 289124	OCO Technology Ltd	N	SA	31.08.23	03.05.24	Granted	100,000tpa	Permanent
Suffolk	Land at Folly Farm, Tattingstone, Ipswich, Suffolk, IP9 2DB (SCC/0024/23B)	612484, 236353	Shotley Holdings Limited	E	S/G	31.03.2023	15.03.2024	Permitted	405,000t	30.11.2044
	Belstead Quarry, Brockley Wood	611292 240023	Brockley Wood Ventures Ltd	N (allocation)	S/G	25.10.2022	28.07.2025	Pending	3.1mt	31.12.2042
Notes: Type: N – New; E – Extension; ET – extension of time; G – Greenfield; B – Borrow Pit; R – Renewal; C – Conditions pursuant; C of E – Certificate of Lawfulness; C o U – Change of Use; PD – Permitted Development; WP – Installation of water pipe; VC –Variation of Condition. MINERAL: S/G Sand and Gravel; G Gravel; S Sand; B/S Building Sand; L Limestone; C/R Crushed Rock; SA Secondary Aggregates; RA Recycled Aggregates. C = confidential figure.										

### Local Aggregate Assessments

4.39 With the publication of the NPPF and MASS Guidance in 2012<sup>20</sup>, DCLG (as it was then) introduced the requirement for mineral planning authorities, either individually or with other mineral planning authorities, to produce an annual local aggregates assessment. The Planning Practice Guidance now provides that the LAA should contain three elements:

- a forecast of the demand for aggregates based on both the rolling average of 10-years' sales data and other relevant local information;
- an analysis of all aggregate supply options, as indicated by landbanks, mineral plan allocations and capacity data e.g. marine licences for marine aggregate extraction, recycled aggregates and the potential throughputs from wharves. This analysis should be informed by planning information, the aggregate industry and other bodies such as local enterprise partnerships; and
- an assessment of the balance between demand and supply, and the economic and environmental opportunities and constraints that might influence the situation. It should conclude if there is a shortage or a surplus of supply and, if the former, how this is being addressed.

4.40 LAAs must also consider other relevant local information in addition to the 10-year rolling supply, which seeks to look ahead at possible future demand, rather than relying solely on past sales. Such information may include, for example, levels of planned construction and housebuilding in their area and throughout the country. Mineral planning authorities should also look at average sales over the last three years in particular to identify the general trend of demand as part of the consideration of whether it might be appropriate to increase supply. This baseline assessment, together with an assessment of all supply options (including marine dredged, secondary and recycled sources), should help mineral planning authorities plan for a steady and adequate supply of aggregates.

4.41 Table 10 summarises the position in respect of the region's LAAs covering the period 2015-2024 and shows the calculation method for the LAA rate (or 'LAA figure') for each of crushed rock and sand and gravel. Note that whilst the NPPF and PPG do not specifically use the term 'LAA rate', it is a term which is widely used in LAAs to describe the forecasted annual rate of future demand. Equivalent terminology may also describe this as the '*annual provision rate*' or '*aggregate provision rate*'. The PPG provides that: 'Aggregate landbanks should be recalculated each year. The length of the aggregate landbank is the sum in tonnes of all permitted reserves for which valid planning permissions are extant, divided by the annual rate of future demand based on the latest annual Local Aggregate Assessment.'

<sup>20</sup> Note that the MASS Guidance was withdrawn in March 2014 and replaced by the Planning Practice Guidance.

**Table 10: Local Aggregate Assessments**

Mineral Planning Authority	LAA Figure for Sand and Gravel (thousand tonnes)	LAA Figure for Crushed Rock (thousand tonnes)	Calculation Method
Bedford, Central Bedfordshire and Luton	1,387	C	10 year sales average
Cambridgeshire and Peterborough	2,600	300	MLP policy rates
Essex, Southend-on-Sea and Thurrock	3,630	n/a	Previously MLP policy rate (sub-national apportionment figure) but from 2024 10 year sales average plus 10% <sup>21</sup>
Hertfordshire	1,080	n/a	10 year sales average (since 2021)
Norfolk	1,442	C	10 year sales average <sup>22</sup>
Suffolk	1,030	n/a	10 year sales average

<sup>21</sup> Note that the 10 years sales average figure is 3.30mt (so  $(0.1 \times 3.3) + 3.3 = 3.63$ ).

<sup>22</sup> NB Assumes a 10 year sales average of 1.442mt which is at slight variance with the 10 year sales average reported in this document owing to a disparity in reported figures for 2019 where this document relies on BGS AMS data whilst Norfolk's LAA uses a locally obtained figure. Norfolk has this year changed its LAA rate from the 10 year average plus 10% to just the 10 year average. This is because the Norfolk Minerals and Waste Local Plan (NM&WLP) was adopted in 2025 using the 10 year sales average plus 10% and Norfolk now needs to monitor whether the 10 year sales' average figure is within the forecast figure used in the NM&WLP.

## Summary

4.42 Sales for both sand and gravel and crushed rock remain below the levels of provision anticipated within the sub-national apportionment figures (9.69mt (actual 2024 sand and gravel sales) versus 14.75mtpa (Guideline figure) and 0.12mt (actual 2024 crushed rock sales) versus 0.5mtpa (Guideline figure)). It is also important to consider the context of continued sales against the backdrop of a general downward trend in reserves. The Mineral Products Association, in its 11<sup>th</sup> Annual Mineral Planning Survey Report (AMPS 2023), has revealed that as of the end of 2022, the rolling 10-year average for replenishment of sand and gravel reserves in the UK was 61% (compared with 63% in 2021) whilst, for crushed rock reserves, the replenishment rate was just 33% (compared with 52% in 2021)<sup>23</sup>. This position is clearly unsustainable going forwards. Caution should, therefore, continue to be exercised when assessing the position against 10 year sales figures and individual mineral planning authorities are encouraged to give careful consideration to their annual aggregate provision rates when preparing their Local Aggregate Assessments and particularly when reviewing their development plans.

4.43 At the end of 2024, reserves of land-won sand and gravel in the East of England stood at 119.2mt. Applying the NPPF methodology based on a rolling average of 10 year sales indicates a landbank of 10.6 years at the end of 2024 (119.2/11.23) on a par with the landbank figure of 10.6 years recorded in 2023. Using the 10 year average sales figure methodology as set out in the NPPF indicates that all mineral planning authorities within the East of England except Hertfordshire could demonstrate sand and gravel landbanks in excess of the seven year threshold as at the end of 2024 with Hertfordshire slipping back to 6.8 years, just below the 7 year minimum.

4.44 By comparison, reserves of crushed rock stood at just 2.67mt representing the lowest level of reserves recorded over the past decade (down from 3.88mt in 2023 and a high of 5.12mt in 2019). In terms of landbanks of crushed rock, based on the rolling average of 10 year sales, a landbank of 11.6 years can be demonstrated in 2024 compared with 13.6 years in 2023.

4.45 A number of planning permissions generating a total of 7.86mt of additional reserves of sand and gravel were granted in the East of England during 2024, with other applications approved in 2025 (to be included in 2025 data) and a further application previously approved but still subject to completion of a section 106 agreement.

4.46 Finally, it should also be noted that the East of England is heavily dependent on imports of both sand and gravel and crushed rock, with the AMS 2023 recording that 1.2mt of sand and gravel and 6.3mt of crushed rock were imported from other regions in England and Wales in 2023 whilst an additional 1.9mt of crushed rock was landed into the East of England from outside England and Wales, mainly from Scotland and Norway. Hard rock imports are required because the majority of the mineral planning authority areas in the East of England do not have any hard rock geology (and the Carstone in Norfolk is not suitable for the uses for which the imported hard rock is brought in).

<sup>23</sup> Based on a survey of land-won sales data provided by MPA members noting that MPA producer members typically represent 90% of the total GB primary aggregates market, including both land-won and marine aggregates.

## 5. CONCLUSIONS

5.1 One of the roles of the Aggregate Working Party, as set out in the PPG, is to “provide an assessment on the position of overall demand and supply for the Aggregate Working Party area, including whether, in its view, the area is making a full contribution towards meeting both national and local aggregate needs” (PPG ID: 27-073-2014-0306). The AWP does this through the preparation of a regional annual monitoring report (this document).

5.2 Historically, the National and Sub-National Guidelines allocated apportionments to each region to ensure that adequate aggregate supply was being provided, and the AWPs were then able to measure their aggregate supply contribution against the apportioned figures in the guidelines. However, the guidelines are now out of date. In the absence of these guidelines, beyond establishing whether the necessary landbank exists as required by the NPPF, it is difficult, particularly at a national level, to assess whether a full contribution is being met to aggregate supply, or to be sure that mechanisms are in place to ensure that additional provision is being made in a timely manner and in the right locations.

5.3 From the data available in the East of England, it can be established that there remain a number of large-scale schemes in the pipeline that will require significant quantities of aggregates. However, it is not currently possible to establish the likely total demand for minerals required for these large scale projects, either from a lack of estimate of demand from those within the region, or in the absence of a comprehensive list of projects outside the region.

5.4 **Accordingly, in the absence of up to date guidelines and without clear visibility on future demand, the EEAWP considers that it is presently unable to advise the NACG and MHCLG that the authorities comprising the East of England are currently making a full contribution to both local and national aggregate needs.**

**Appendix 1: Table showing EEAWP meeting dates in 2024, link to minutes and summary of matters discussed**

Meeting date	Matters discussed	Link to minutes
6 February 2024	<ul style="list-style-type: none"> <li>• Presentation by Metro Dynamics on the Economic and Infrastructure Analysis of the East of England</li> <li>• Update from DLUHC including feedback from NACG meeting held on 5 February 2024 and presentation of national collation data plus latest on AMS 2023</li> <li>• Mineral Products Association Update</li> <li>• British Aggregates Association Update</li> <li>• Mineral Local Plans Update and LAA reviews</li> </ul>	<a href="https://davidjarvis.biz/east-of-england-awp/">https://davidjarvis.biz/east-of-england-awp/</a>
25 June 2024	<ul style="list-style-type: none"> <li>• Update from DLUHC including latest on AMS 2023;</li> <li>• Discussions about the Supreme Court decision in Finch;</li> <li>• Updates from MPA and Minerals Local Plan update;</li> <li>• Discussion about effects of BNG.</li> </ul>	<a href="https://davidjarvis.biz/east-of-england-awp/">https://davidjarvis.biz/east-of-england-awp/</a>
1 October 2024	<ul style="list-style-type: none"> <li>• Update from MHCLG including on AMS 2023, on latest NACG meeting and on proposed planning reforms;</li> <li>• Discussion about potential impact on minerals planning as a result of proposed changes to the NPPF, specifically mineral</li> </ul>	<a href="https://davidjarvis.biz/east-of-england-awp/">https://davidjarvis.biz/east-of-england-awp/</a>

Meeting date	Matters discussed	Link to minutes
	<p>allocations in plans and risks to minerals safeguarding;</p> <ul style="list-style-type: none"><li>• Update from MPA;</li><li>• Mineral Local Plans update including discussion about proposed LAA rate for Hertfordshire in light of proposed NPPF changes;</li><li>• MMO update.</li></ul>	

**Appendix 2: Primary Aggregate Sites in 2024 (including quarries, rail depots and wharves) in the East of England**

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Bedford, Central Bedfordshire and Luton	Broom South	1	Quarry	Tarmac	517298 241720	Aggregate	Active	Nov-40
	Bryants Lane / Reach Lane	2	Quarry	LB Silica Sand	492901 228365	Aggregate and silica sand	Active	Dec-32
	Cainhoe Quarry, Clophill	3	Quarry	Thomas Bros	510273 237130	Aggregate	Active	Dec-29
	Grovebury	4	Quarry	Holcim Group	492218 223240	Aggregate and silica sand	Active	Jul-26
	Land either side of Willington Lock	5	Quarry	Breedon Group	511527 251163	Aggregate	Active	Jun-31
	Eastern Way Quarry Complex (previously known as Mundays Hill, Nine Acres Quarry, Double Arches Quarry, Churchways, Checkleywood and Riddys Quarries)	6	Quarry	Holcim Group	494240 228383	Aggregate and silica sand	Active	Dec-32
	Potton (Myers Farm)	7	Quarry	Breedon Group	521806 250364	Aggregate	Active	Sep-24
	Sandy Heath	8	Quarry	Tarmac	520083 249225	Aggregate	Active	Dec-29
	Simpsonhill Plantation, Bedford Rd, Clophill	9	Quarry	Forterra	507923 237222	Aggregate and silica sand	Active	Feb-42
	Elstow rail depot	10	Rail depot	Tarmac Trading Ltd	504108 245715	Aggregate	Active	No end date
	Crescent Road, Luton	11	Rail depot	Cemex	509635 221448	Aggregate	No return provided	No end date

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Leagrave Road rail depot	12	Rail depot	Breedon Group	507621 222855	Aggregate	Active	No end date
Cambridgeshire and Peterborough	Block Fen Quarry II, Cambs	13	Quarry	Tarmac	542500 284000	Sand and Gravel	Active	31/12/2031 & 31/12/2036
	Block Fen Quarry, Cambs	14	Quarry	Heidelberg Materials (formally Hanson UK)	543591 284399	Sand and Gravel	Inactive - Worked in the past and still containing permitted reserves.	05/11/2042
	Bridge Farm Reservoir, Holme Fen Drove, Cambs	15	Quarry	Mick George Ltd	539800 276895	Sand and Gravel	Inactive - Not Yet Worked	18/07/2021 - application for further extraction is being considered
	Chesterton Sidings, Cambs	16	Rail Depot	Frimstone (Mick George)	547545 261160	Crushed Rock	Active	N/A
	Chesterton Sidings, Cambs	17	Rail Depot	Tarmac	547545 261160	Crushed Rock	Active	N/A
	Cook's Hole, Peterborough	18	Quarry	Augean	505217 299768	Crushed Rock	Closed	21/02/2042
	Coopers Farm, Langwood Fen Drove, Cambs	19	Quarry	Mick George Ltd	545050 285150	Sand and Gravel	Inactive - Not Yet Worked	08/06/26 or 08/06/29
	Dimmock's Cote Quarry, Cambs	20	Quarry	LKAB (previously Francis Flower Ltd)	554567 272479	Crushed Rock	Active	31/12/2035
	Ely (Railhead), Cambs	21	Rail Depot	Tillicoultry Quarries	555960 280975	Crushed Rock	Unknown	N/A
	Kennett, Cambs	22	Quarry	Mick George Ltd	569000 268760	Sand and Gravel	Closed	30/09/2023

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Little Paxton, Cambs	23	Quarry	Holcim Group	519774 264521	Sand and Gravel	Active	31/12/2029
	Marsh Lane, Cambs	24	Quarry	Land Logical	529717 269388	Sand and Gravel	Closed	21/02/2042
	Maxey Quarry, Peterborough	25	Quarry	Tarmac Ltd	513122 307113	Sand and Gravel	Active	10/10/2027
	Mepal Reservoirs, Cambs (formerly Sutton Gault)	26	Quarry	Frimstone (Mick George Ltd)	541682 282087	Sand and Gravel	Active	31/12/2024
	Mitchell Hill Farm North, Waterbeach, Cambs	27	Quarry	Mick George Ltd	548163 270459	Sand and Gravel	Active	31/10/2035
	Must Farm Quarry (Cambridgeshire & Peterborough - cross boundary)	28	Quarry	Forterra	522786 296882	Sand and Gravel	Active	31/12/2036
	Needingworth Quarry, Cambs	29	Quarry	Heidelberg Materials (up to 02.05.24) (formerly Hanson UK); Pomona Quarries Limited (from 03.05.24)	537792 272953	Sand and Gravel	Active	31/12/2030
	Pasture House Farm, Peterborough	30	Quarry	Land Logical	525114 303295	Sand and Gravel	Active	31/12/2035 (est.)
	Pode Hole Quarry, Peterborough	31	Quarry	Holcim Group	526035 303142	Sand and Gravel	Active	31/12/2026 (est.)

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Thornhaugh IIB, Peterborough	32	Quarry	Bullimores	505663 299479	Crushed Rock	Inactive - Worked in the past and still containing permitted reserves.	31/12/2027 (est.)
	Willow Hall Farm, Haddenham	33	Quarry	Mick George Ltd	541139 275892	Sand and Gravel	Active	None
	Willow Hall Farm, Peterborough	34	Quarry	PJ Thory	525532 301929	Sand and Gravel	Active	31/12/2037 (est).
	Witcham Meadlands Quarry, Block Fen	35	Quarry	Mick George Ltd	543856 283518	Sand and Gravel	Active	31/12/2027 (est)
	<b>Essex sites below:</b>							
	Alresford Creek, Alresford	36	Quarry	Brett Aggregates	606365 220017	Sand & Gravel	Active	30.02.2035
	Asheldham Quarry, Southminster	37	Quarry	G&B Finch Ltd	597439 201505	Sand & Gravel	Active	2029
	Birch Quarry, Birch	38	Quarry	Hanson Aggregates	592700 219300	Sand & Gravel	Active	31.12.2029
	Blackley Quarry, Great Leighs	39	Quarry	Frank Lyons Plant Services Ltd	572800 219100	Sand & Gravel	Active	05.06.2045
	Bradwell Quarry, Silver End	40	Quarry	Blackwater Aggregates	581900 221700	Sand & Gravel	Active	01.04.2035
	Brightlingsea Quarry, Essex	41	Quarry	SRC Ltd	607000 218800	Sand & Gravel	Active	31.01.2026
	Bulls Lodge Quarry, Boreham	42	Quarry	Heidelberg Materials	574600 210800	Sand & Gravel	Active	31.12.2030

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Essex, Southend on Sea and Thurrock	Colchester Quarry (aka Stanway Quarry)	43	Quarry	Tarmac Ltd	595400 222700	Sand & Gravel	Active	31.10.2026
	Colemans Quarry	44	Quarry	Brice Aggregates	583327 215613	Sand & Gravel	Active	30.06.2034
	Crown Quarry, Ardleigh	45	Quarry	SRC Ltd	602761 229470	Sand & Gravel	Active	14.03.2025
	Curry Farm, Bradwell-on-Sea	46	Quarry	Dewicks	599365 205812	Sand & Gravel	Active	31.12.2028
	Elmstead Hall (aka Elmstead Reservoir)	47	Quarry	RW Mitchell & Sons	605763 225810	Sand & Gravel	Active	Nov-24
	Highwood Quarry, Little Easton	48	Quarry	SRC Ltd	559800 222400	Sand & Gravel	Active	25.03.2026
	Lufkins Farm, Thorrington Road (Agricultural Reservoir)	49	Quarry	Brett Aggregates	609700 222100	Sand & Gravel	Active	14.01.2024
	Martells Quarry, Ardleigh	50	Quarry	SRC Ltd	605027 228324	Sand & Gravel / Silica Sand	Active	2026
	Rayne Quarry, Essex	51	Quarry	Ingrebourne Valley	571100 222900	Sand & Gravel	Active	18.02.2035
	Royal Oak, Danbury	52	Quarry	Danbury Aggregates	580300 205200	Sand & Gravel	Active	16.02.2029
	Sheepcotes, Essex (Windfall, Agricultural Reservoir)	53	Quarry	SRC Ltd	571700 213700	Sand & Gravel	Active	06.05.2027

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	St Cleres Pit, Danbury	54	Quarry	Danbury Aggregates	576355 205866	Sand & Gravel	Active	16.02.2029
	Fingringhoe Quarry, Fingringhoe	55	Quarry	JJ Prior Ltd	604321 221003	Sand & Gravel	Closed & containing no workable permitted reserves	2042. Extraction has ceased on site
	Alton Park, Clacton, Essex	56	Quarry	n/a	615900 214100	Sand & Gravel	Dormant: As identified under the Environment Act 1995 (3)	n/a
	Hambro Hill, Rayleigh, Essex	57	Quarry	n/a	581400 191900	Sand & Gravel	Dormant: As identified under the Environment Act 1995 (3)	n/a
	Hodgnells Farm, Essex	58	Quarry	n/a	620700 219300	Sand & Gravel	Dormant: As identified under the Environment Act 1995 (3)	n/a
	Straits Mill, Bocking, Essex	59	Quarry	n/a	576800 224600	Sand & Gravel	Dormant: As identified under the Environment Act 1995 (3)	n/a
	Salts Green Quarry, Chalk End, Essex	60	Quarry	HR Philpot & Son	563032 209943	Sand & Gravel	Inactive: Planning permission received but yet to be worked (3)	6 years after commencement
	Wivenhoe Quarry (Sunnymead Extension) Wivenhoe	61	Quarry	Tarmac Ltd	605794 222627	Sand & Gravel	Not yet commenced	Not yet commenced as at Dec 2023

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Crumps Farm, Great Canfield, Essex	62	Quarry	Edviron Ltd	558400 221100	Sand & Gravel	Inactive: Worked in the past and still containing permitted reserves (3)	2031
	Ballast Quay, Fingringhoe, Essex	63	Marine Wharf	JJ Prior Ltd	604300 221000	Sand & Gravel	Closed	2042
	Port of Harwich, Parkeston	64	Marine Wharf	Hutchinson Ports	623348 232590	Sand & Gravel	Inactive	Listed as a potential site in the MLP, not active and without end date
	Chelmsford Rail Depot	65	Rail depot	Holcim Group	571273 207450	Crushed rock	Active	Permanent
	Harlow Rail Depot	66	Rail depot	Holcim Group	547000 212200	Crushed rock	Active	Permanent
	Harlow Rail Depot	67	Rail depot	Tarmac	547000 212200	Crushed rock	Active	Permanent
	Marks Tey Rail Depot	68	Rail depot	Tarmac	591800 224000	Crushed rock	Active	Permanent
	<b>Thurrock sites below:</b>							

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Dansand Quarry, Orsett, Thurrock	69	Quarry	Rio Aggregates	565158 181035	Sand & Gravel	Active	2025
	Medina Farm, Thurrock	70	Quarry	Ingrebourne Valley	557498 183840	Minerals/reclamation material	Active	2026
	Orsett Quarry, Stanford Le Hope, Thurrock	71	Quarry	Ingrebourne Valley	567223 180614	Sand & Gravel (Thanet Sand)	Inactive (Mothballed)	2042
	Limestone Pit, Buckingham Hill Road, Thurrock	72	Quarry	Ingrebourne Valley	566470 179757	Aggregate	Active: In production, including from stockpiles for some time during 2024	
	Berth 1, Tilbury Docks, Tilbury	73	Marine wharf	Stema Shipping Ltd	563226 175637	Crushed rock and aggregate	Active	Permanent
	Berth 7, DP World, Thurrock	74	Marine wharf	Holcim Group	572093 181395	Aggregate	Active	Permanent
	Port of Tilbury, Berth 36/38, Thurrock	75	Marine Wharf	Blue Phoenix Ltd	562982 175916 (approx)	Secondary Aggregate	Inactive: With Permission	
	Port of Tilbury, Berth 40A, Thurrock	76	Marine Wharf	Forth Ports PLC	562982 175916 (approx)	Secondary Aggregate	Inactive: With Permission	
	Purfleet Wharf, West Thurrock	77	Marine wharf	Heidelberg Materials	557092 176953	Aggregate	Not active Jetty wharfs remain but site occupied by Hanson cement and does not appear to import aggregate	Permanent

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Thurrock Wharf, Thurrock Marine Terminal, Oliver Close, West Thurrock	78	Marine wharf	Tarmac	557417 176960	Aggregate	Inactive	Permanent
	Tilbury Wharf, Tilbury 2, Fort Road, Tilbury	79	Marine wharf	Tarmac	566077 175278	Aggregate imported and exported	Inactive	Permanent
	Port of Tilbury, Berth 34	80	Marine wharf and rail depot	S Walsh & Sons	563022 175298	Secondary aggregate	Active	Permanent
	Port of Tilbury, Bulk Rail Terminal (former Freightliner terminal), Tilbury Dock, Tilbury	81	Marine wharf and rail depot	FM Conway	562879 176899	Marine imported sea dredged crushed rock exported by rail. Secondary aggregate	Active	Permanent
	CMAT rail facility, Tilbury 2, Fort Road, Tilbury	82	Marine wharf and rail depot	Tarmac	565802 176387	Various aggregates imported and exported by rail	Active	Permanent
	Purfleet Rail Depot, Off Jurgens Road, Purfleet	83	Rail depot	Holcim Group	556692 177314	Crushed rock and others	Active	Permanent
Hertfordshire	Thorley Hall Farm Quarry	84	Quarry	Ingrebourne Valley Ltd	548257 218294	Sand & Gravel	Active	Reservoir construction and restoration works due for completion by 30.10.24
	Tyttenhanger Quarry	85	Quarry	Tarmac Ltd	519954 203231	Sand & Gravel	Active	31.12.2032 (excluding aftercare)
	Land adjoining Coopers Green Lane (extension to Hatfield Quarry)	86	Quarry	Cemex UK Ltd	520450 210500	Sand & Gravel	Decision notice issued	14 years after commencement
	Westmill Landfill	87	Former quarry	Biffa Waste Services Ltd	533929 215923	Sand & Gravel	Under restoration	31.12.2027

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Panshanger	88	Former quarry	Tarmac Ltd / BP Mitchell Haulage Ltd	527970 212043	Sand & Gravel	Under restoration	Within 10 years of commencement of infill: so by 28.01.2029
	Braziers	89	Former quarry	Frank Lyons Plant Services Group	534000 215300	Sand & Gravel	Under restoration	21.02.2042
	Harper Lane Rail Loop	90	Rail depot	Tarmac	515980 201590	Asphalt, readymix	Active	n/a
	Hitchin Rail Depot	91	Rail depot	Holcim Group	519600 229600	Imports limestone (mostly for SUDS) and sand & gravel (used for concrete mixing)	Active	n/a
	Orphanage Road Rail Depot	92	Rail depot	London Concrete Ltd / Holcim Group	511060 197660	Concrete batching	Active	n/a
	Rye House Rail Depot	93	Rail depot	Tarmac	538940 209190	Crushed rock	Not active	n/a
	Langley Sidings Rail Depot	94	Rail depot	Tarmac	523980 222890	Crushed rock, asphalt, readymix	Not active	n/a
	Holt Quarry, Hunworth Road	95	Quarry	Breedon Trading Ltd	607291 337108	Sand & Gravel	Active	29/07/2030
	Punch Farm Quarry, Litcham	96	Quarry	East Anglian Stone Ltd	589988 316647	Sand & Gravel	Active	08/07/2032
	Crimplesham Quarry	97	Quarry	Mick George Ltd	566314 303624	Sand & Gravel	Active	30/04/2025 (northern site) and 31/12/2027 (southern site)
	Watlington Quarry Watlington Road, Tottonhill	98	Quarry	PJ Thory Ltd	563519 311950	Sand & Gravel	Active	31/10/2034

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Norfolk	Pentney Quarry	99	Quarry	Middleton Aggregates Ltd	568330 313119	Sand & Gravel	Active	31/12/2028
	West of Mill Drove, Blackborough End	100	Quarry	Middleton Aggregates Ltd	567340 315050	carstone	Not active	17/10/2026
	East of Mill Drove, Blackborough End	101	Quarry	Middleton Aggregates Ltd	567340 314690	Sand, Carstone	Active	31/12/2025 & 23/01/2033
	Earsham Quarry	102	Quarry	Earsham Gravels Ltd	631592 288996	Sand & Gravel	Active	09/11/2040
	Kirby Cane Quarry	103	Quarry	The Lyndon Pallett Group Ltd	638067 292915	Sand & Gravel	Active	31/12/2025
	Carbrooke Quarry	104	Quarry	Mick George Ltd	594929 301229	Sand & Gravel	Active	09/08/2027
	Feltwell Quarry	105	Quarry	L P Pallett Quarry (Feltwell) Ltd	573885 292018	Sand & Gravel	Active	22/02/2042
	Welcome Pit, Burgh Castle	106	Quarry	Folkes Plant & Aggregates Ltd	648454 304197	Sand, Sand & Gravel	Active	31/12/2036
	Wymondham Quarry	107	Quarry	Longwater Gravel Co Ltd	613715 300326	Sand & Gravel	Active	30/03/2026
	Norton Subcourse Quarry	108	Quarry	Breedon Group	640107 299357	Sand & Gravel	Active	20/02/2036

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	East Bilney Quarry	109	Quarry	Middleton Aggregates Ltd	595090 318640	Sand & Gravel	Active	31/12/2029
	Coxford Abbey Quarry	110	Quarry	Longwater Gravel Co Ltd	582905 331039	Sand & Gravel	Active	20/05/2027
	Land off Mill Drove, Blackborough End	111	Quarry	William George Sand and Gravel Ltd	567551 314462	Sand & Gravel	Active	31/12/2024
	Horstead Quarry	112	Quarry	Longwater Gravel Co Ltd	625223 320179	Sand & Gravel	Active	13/05/2036
	Buxton (Mayton Wood), Little Hautbois	113	Quarry	Mick George Ltd	624150 321444	Sand & Gravel	Active	31/12/2035
	Rawhall Lane, Beetley	114	Quarry	Longwater Gravel Co Ltd	595440 318140	Sand & Gravel	Not active	31/12/2046
	Briton's Lane, Beeston Regis, Sheringham	115	Quarry	Norfolk Gravel Limited	616978 341383	Sand & Gravel	Active	31/12/2034
	Caistor St Edmunds Quarry	116	Quarry	Earsham Gravels Ltd	624113 304841	Sand	Active	21/02/2042
	Stanninghall Quarry	117	Quarry	Tarmac Trading Limited	625788 318232	Sand & Gravel	Active	31/12/2037
	Briston Stody Estate, Breck Farm, Stody	118	Quarry	Mick George Ltd	607641 333963	Sand & Gravel	Active	31/03/2026

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Bittering / Longham Quarry	119	Quarry	McLeod Aggregates Ltd	593264 317049	Sand & Gravel	Active	31/12/2032
	East Beckham Quarry	120	Quarry	Gresham Gravel Limited	615431 340751	Sand & Gravel	Active	31/01/2031
	Snettisham Quarry	121	Quarry	Mick George Ltd	568348 334963	Carstone	Active	04/09/2028
	Trowse Railhead, Norwich	122	Rail Heads/Depots	Tarmac Trading Ltd	624477 307236	Crushed rock	Active	N/A
	Norwich Riverside Rail Depot	123	Rail Heads/Depots	Monk Plant Hire Ltd	624304 308010	Crushed rock (limestone)	Active	N/A
	Brandon Rail Depot	124	Rail Heads/Depots	R J Holbrook Ltd	578509 287298	Crushed rock (limestone)	Active	N/A
	Snetterton Railhead	125	Rail Heads/Depots	Mick George Ltd (Frimstone)	601500 290130	Crushed rock (limestone)	Active	N/A
	Yeoman Wharf, Great Yarmouth	126	Marine Wharfs	Silverton Aggregates Ltd	652409 306344	unknown	Active depot, but inactive as a wharf	N/A
	Great Yarmouth Port, Outer Harbour, South Denes Road, Great Yarmouth	127	Marine Wharfs	Stema Shipping UK Ltd	653333 304132	Crushed rock	Active	N/A
	Cavenham Quarry	128	Quarry	Operated by Allen Newport Ltd, acquired in March 2023 by SRC Group	576014 271871	Sand and gravel	Active	31st December 2034 for extraction and 31 December 2046 for restoration

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Suffolk	Worlington Quarry	129	Quarry	Mick George	569545 271732	Sand and gravel	Active	30 <sup>th</sup> October 2025 for extraction and restoration
	Barham Quarry	130	Quarry	Brett Aggregates Limited	612116 251410	Sand and gravel	Active	31st December 2034 for extraction and restoration
	Pannington Hall	131	Quarry	Brett Aggregates Limited	614548 240173	Sand and gravel	Dormant / Inactive	30th April 2030 for extraction and 31 Oct 2030 for restoration
	Waldringfield Quarry	132	Quarry	Brett Aggregates Limited	622886 244590	Sand and gravel	Inactive	n/a
	Layham	133	Quarry	Brett Aggregates Limited	601417 240220	Sand and gravel	Dormant / Inactive	n/a
	Shrublands Quarry	134	Quarry	Brett Aggregates Limited	612000 253700	Sand and gravel	Active	31st December 2034 for extraction and 31 Dec 2035 for restoration.
	Westbank Marine Wharf	135	Marine wharf	Brett Aggregates Limited	616779 243159	Sand and gravel	Active	n/a
	Barham Broomfield Depot	136	Rail depot / processing site	Tarmac Limited	612200 251500	Sand and gravel	Active	Indefinite, extraction finished – processing site only
	Bucklesham Quarry	137	Quarry	Tarmac Limited	625531 240494	Sand and gravel	Active	1 January 2031 for extraction and 31 <sup>st</sup> October 2031 for restoration.
	Tattingstone	138	Quarry	Shotley Holdings Ltd	612313 236423	Sand and gravel	Active	31 October 2029 for extraction and 31 <sup>st</sup> March 2030 for restoration
	Henham Quarry	139	Quarry	The Lyndon Pallett Group	645248 279063	Sand and gravel	Active	31 <sup>st</sup> October 2027 for extraction and 31 October 2029 for restoration

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Wangford Quarry	140	Quarry	Breedon Aggregates	647044 277524	Sand and gravel	Active	31 March 2023 for extraction and 31 <sup>st</sup> March 2024 for restoration
	Flixton Quarry	141	Quarry	Breedon Aggregates	629629 286223	Sand and gravel	Active	31st December 2030 for extraction and restoration
	Lawn Farm Quarry	142	Quarry	Aggmax	599445 262427	Sand and gravel	Active	30th September 2040 for extraction
	Blood Hill	143	Quarry	JT Few	611379 248419		Inactive	n/a
	Wetherden Lawn Farm Quarry	144	Quarry	AggMax	599445 262427	Sand and gravel	Active	30th September 2040 for extraction
	Hadleigh	145	Quarry	JT Few	602216 244414	Sand and gravel	Active	21st February 2042 for extraction and restoration
	Barham Railhead	146	Railhead / depot	Tarmac	611888 251403	Crushed rock	Active	n/a
	Bury St Edmunds Railhead	147	Railhead / depot	Tarmac	585115 265164	n/a	Decommissioned	n/a
	Gazeley Railhead (Kentford/Higham)	148	Railhead / depot	Tarmac	571872 266987	Crushed rock	Active	n/a
	West Bank Terminal, Ipswich	149	Rail depot	Brett Aggregates	616735 243191	Marine sand and gravel	Active	n/a
	Cliff Quay, Ipswich	150	Marine wharf	Port Authority	616786 242631	Crushed rock	Active	n/a
	Hamilton Dock, Lowestoft	151	Marine wharf	Port Authority	655297 293024	Crushed rock	Decommissioned	n/a
	North Quay, Lowestoft	152	Marine wharf	Port Authority	653603 292906	Crushed rock	Inactive	n/a
	West Bank Terminal, Ipswich	153	Marine wharf	Brett Aggregates	616627 242800	Marine sand and gravel	Active	n/a

Mineral Planning Authority	Site Name	Cross Reference to Figure 2	Type of site (Wharf, rail depot, quarry etc)	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Notes: C = Confidential figure Status: O = Operational; NO = Non Operational, D = Dormant, C = Closed, R = Restored/Redeveloped								

**Appendix 3: Secondary Aggregate Sites in the East of England**

Mineral Planning Authority	Site Name	Cross Reference to Figure 4	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Bedford, Central Bedfordshire and Luton	None						
Cambridgeshire and Peterborough	National Track Recycling Centre	1	Network Rail	541423 298698	Recycled and secondary aggregate	Active	n/a
Essex, Southend-on-Sea and Thurrock	Port of Tilbury, Bulk Rail Terminal (former freightliner terminal), Tilbury Dock. Tilbury	2	FM Conway	562879 176899	Marine imported sea dredged crushed rock exported by rail. Secondary aggregate	Active	Permanent
	Berth 36-38, Port of Tilbury, Tilbury	3	Blue Phoenix Group (Possibly Operating as Cory)	563062 175794	Marine imported incinerator ash waste recycled to create road aggregate	Active	Permanent
	Berth 40A Port of Tilbury, Tilbury	4	Holcim Group	563031 176139	Marine imported clinker/blast furnace slag to produce alternative/substitute cement product.	Inactive  Planning Application 22/00466/Ful approved in 28 Feb 2023 & 23/00554/FUL approved 06-09-	Permanent

Mineral Planning Authority	Site Name	Cross Reference to Figure 4	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
						2023 - Site Under Construction.	
	Berth 34, Port of Tilbury, Tilbury	5	Walsh and Sons	563022 175298	Marine import of secondary aggregates from china clay process.	Active	Permanent
Hertfordshire	None						
Norfolk	Larkshall Mill, East Wretham	6	OCO Technology Ltd	592000 289100	Secondary aggregates produced from Air Pollution Control residue, cement, sand and CO2	Active	Permanent
Suffolk	Broomfield Pit	7	Tarmac	612000, 251500	Secondary aggregates and recycling	Active	n/a
	Gazeley Secondary Aggregate Production	8	Tarmac	571889, 267193	Secondary aggregates and recycling	Active	n/a
	Old Chicory Factory	9	Murfitts Industries	572492, 286426	Secondary aggregates and recycling	Active	n/a

Mineral Planning Authority	Site Name	Cross Reference to Figure 4	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Sole Bay Recycling	10	Murray Graham	649862, 276551	Secondary aggregates and recycling	Active	n/a
	Causeway Pit, Lakenheath	11	Sutton Services	570700, 282200	Secondary aggregates and recycling	Active	n/a
	Somersham Road	12	Swift Recycling	611100, 248200	Secondary aggregates and recycling	Active	n/a

### Appendix 4: Recycled Aggregate Sites in the East of England

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Bedford, Central Bedfordshire and Luton	1 Convent Garden Close	1	F & R CAWLEY LIMITED	506917, 223177	Materials recycling facility	Active	N/A
	Amphill HWRC	2	FCC Waste Management Limited	503960, 236900	Inert/ C+D	Active	N/A
	Ancillary Components Ltd	3	Reneco Ltd	496058, 263770	Inert/ C+D	Active	N/A
	Barford Road Recycling Facility	4	ACORN TRANSPORT AND PLANT HIRE LIMITED	513960, 251620	Aggregate recycling (plus wood, metals & soils)	Active	N/A
	Barton Skip Hire	5	BARTON SKIP AND GRAB HIRE LIMITED	507112, 231763	Waste Transfer & Treatment	Active	N/A
	Biggleswade HWRC	6	FCC Waste Management Limited	518212, 245393	Inert/ C+D	Active	N/A
	Building 18, Twinwoods Business Park	7	B & W WASTE MANAGEMENT SERVICES LIMITED	503240, 256000	Inert/ C+D	Active	N/A
	Cainhoe Quarry	8	THOMAS BROS EXCAVATIONS LTD	510135, 237523	Inert waste recycling	Active	31/12/2038
	Dunstable Waste Transfer & Recycling Facility	9	BULK TRANSFER LTD	501672, 223153	Inert/ C+D	Active	N/A
	Eaton Green Household Waste Recycling Centre	10	SUEZ RECYCLING AND RECOVERY UK LTD	512193, 221906	Inert/ C+D	Active	N/A
	European Metal Recycling Ltd	11	European Metal Recycling Limited	386446, 399995	Inert/ C+D	Active	N/A
	F D O'Dell & Sons Ltd	12	F.D. O'DELL & SONS LIMITED	519240, 243410	Waste Transfer & Aggregate Recycling	Active	N/A
	G Moore (Haulage) Ltd - Kempston Hardwick	13	G MOORE HAULAGE LIMITED	503203, 244243	Transfer & Recycling	Active	N/A

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	J G E Recycling Limited	14	JGE Recycling Limited	495071, 222619	Inert/ C+D	Active	N/A
	Kempston Court	15	PAUL RICHES SKIPS LIMITED	503255, 244189	Waste Recycling Facility & Skip Hire	Active	N/A
	Keysoe Road	16	C JACKSON & SONS BEDFORD LIMITED	505779, 259771	Transfer and treatment	Active	N/A
	Land At Four Winds	17	WILSTEAD HAULAGE LIMITED	507123, 239808	Aggregate Recycling & Transfer	Active	N/A
	Leighton Buzzard HWRC	18	FCC Waste Management Limited	493602, 227315	Inert/ C+D	Active	N/A
	Luton Powercourt	19	SOIL & WATER SOLUTIONS LIMITED	509712, 221313	Inert/ C+D	Active	N/A
	Luton Transfer Station	20	SUEZ RECYCLING AND RECOVERY UK LTD	507270, 222072	Inert/ C+D	Active	N/A
	Northern Highways Depot - Sandy	21	M GROUP HIGHWAYS LIMITED	517472, 251012	Inert/ C+D	Active	N/A
	Old British Rail Goods Yard	22	COOPER SKIP HIRE LIMITED	512423, 218083	Inert/ C+D	Active	N/A
	Old Station Yard	23	Ian Parrott	493222, 266063	Inert/ C+D	Active	N/A
	Progress Way	24	X-BERT HAULAGE LIMITED	504876, 224844	Inert/ C+D	Active	N/A
	Progress Way Household Waste Recycling Centre	25	SUEZ RECYCLING AND RECOVERY UK LTD	504687, 225106	Inert/ C+D	Active	N/A
	Stewartby Waste Management Facility EPR/QP3237SC	26	VEOLIA ES (UK) LIMITED	501330, 242860	Inert/ C+D	Active	N/A
	Tempstford Airfield Farm	27	M I PARROTT LIMITED	518848, 252275	Inert/ C+D	Active	N/A

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Tempsford Road Depot	28	BSG PROPERTY SERVICES LIMITED	519300, 251600	Inert/ C+D	Active	N/A
	Thorn Turn Highways Depot	29	M GROUP HIGHWAYS LIMITED	499900, 224100	Inert/ C+D	Active	N/A
	Thorn Turn Home Waste Recycling Centre	30	FCC Waste Management Limited	499900, 224300	Inert/ C+D	Active	N/A
	Twinwoods Site	31	SAXON SKIPS LTD	503096, 256738	Inert/ C+D	Active	N/A
	Unit 16 Harmill Industrial Estate	32	A & C Hobbs Limited	492200, 224000	Aggregate recycling	Active	N/A
	Winton Recycling Ltd	33	WINTON HAULAGE LIMITED	510389, 237820	Aggregate recycling	Active	N/A
Cambridgeshire and Peterborough	A11 Worsted Lodge, Cambs	34	Dockerill Groundworks Limited	552747, 251521	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Buckden Material Recycling Facility	35	Acorn Transport and Plant Hire Limited	520496, 268903	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Fengate Waste Treatment Facility	36	Mick George Limited	520287, 302329	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	FCC Dogsthorpe, Peterborough	37	Construction & Environmental Services Limited	521064, 302061	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	First Furlong Drove, Chatteris, Cambs	38	S R Harradine Haulage Limited	537925, 285107	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Little Paxton, Cambs	39	Eaton Tractors, Pitt Farm	518688, 263319	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	St Ives Aggregates Facility, St. Ives, Cambs	40	Midland Quarry Products Limited	532125, 270772	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Mepal Soil And Aggregate Treatment Facility	41	Mick George Limited	544677, 284081	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	National Track Materials Recycling Centre	42	Network Rail Infrastructure Limited	541210, 298840	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Plantation Farm	43	D Haird & Company Limited	568281, 268710	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Rose Plant Hire Transfer Station	44	Rose Aggregates Limited	521064, 299138	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Saxon Brickworks	45	Johnsons Aggregates and Recycling Limited	525050, 297320	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	St Ives Transfer Station EPR/MP3139FY	46	Mick George Limited	532120, 270780	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Dawson Recycling Facility, Swavesey, Cambs	47	Mick George Limited	536071, 296260	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Unit 2 Vicarage Farm Road,	48	Bourne Skip Hire and Recycling	521181, 299348	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Waterbeach, Cambs	49	AmeyCespa / Frimstone	548700, 268700	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	White Walls, Coates, Cambs	50	P J Thory Limited	531854, 298453	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	Land At Pasture House Farm	51	Universal Exports 2021 Limited	525123, 303272	RECYCLED / SECONDARY AGGREGATE	ACTIVE	No Data
	All Clear Skip Hire	52	M W R HEDGER & P W J HEDGER	578036 221776	Inert/C+D	ACTIVE	Permanent
	Archers Fields	53	CLEARAWAY RECYCLING LIMITED	573638 190273	Inert/C+D	ACTIVE	Permanent
	Asheldham Quarry	54	G. & B. FINCH LIMITED	597451 201569	Inert/C+D	ACTIVE	Tied to Life of Quarry, See appendix 2
	Atlas Waste	55	Atlas Waste Ltd	573740 190363	Inert/C+D	ACTIVE	
	Kingdom Recycling (formerly ATS Mini Skips)	56	Hygiacura Waste Management Limited	602008 223776	Inert/C+D	ACTIVE	Permanent
	Batemans Farm	57	G. & B. FINCH LIMITED	574510 218424	Inert/C+D	ACTIVE	Permanent
	Benfleet Scrap Co	58	BENFLEET SCRAP CO LIMITED	578070 190330	Inert/C+D	ACTIVE	Permanent
	Blunts Wall Farm	59	LITTMODEN PLANT HIRE LIMITED	565725 194087	Inert/C+D	ACTIVE	Permanent
	Bob's Skips	60	EASTERN WASTE DISPOSAL LIMITED	618706 218031	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Braintree Recycling Centre For Household Waste	61	ESSEX COUNTY COUNCIL	574665 224359	Inert/C+D	ACTIVE	Permanent
	Brentwood RCHW	62	ESSEX COUNTY COUNCIL	557379 195593	Inert/C+D	ACTIVE	Permanent

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Essex, Southend on Sea and Thurrock	Brickfields Way Transfer Station	63	JAMES WASTE MANAGEMENT LLP	588227 190181	Inert/C+D	ACTIVE	Permanent
	Bulls Lodge Quarry	64	EUROVIA INFRASTRUCTURE LIMITED	574499 210668	Inert/C+D	ACTIVE	Tied to Life of Quarry, See appendix 2
	Bushcade Ltd	65	BUSHCADE LIMITED	563628 197934	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Chelmsford RCHW	66	ESSEX COUNTY COUNCIL	573646 209121	Inert/C+D	ACTIVE	Permanent
	Chelmsford Transfer & Recycling Facility	67	BIFFA WASTE SERVICES LIMITED	575951 210632	Inert/C+D	ACTIVE	Permanent
	Clacton Civic Amenity Site	68	ESSEX COUNTY COUNCIL	615596 214892	Inert/C+D	ACTIVE	Permanent
	Codham Hall (South)	69	MARLBOROUGH HIGHWAYS LTD	558621 188871	Inert/C+D	ACTIVE	
	Cohart Asbestos Disposal Limited	70	COHART ASBESTOS DISPOSAL LIMITED	573647 190522	Inert/C+D	ACTIVE	Permanent
	Colchester RCHW	71	ESSEX COUNTY COUNCIL	596757 223105	Inert/C+D	ACTIVE	Permanent
	Colchester Recycling	72	Tarmac Trading Limited	594952 222484	Inert/C+D	ACTIVE	31/12/2037
	Collect - A - Way	73	Ian Justin Barnett	618582 217925	Inert/C+D	ACTIVE	Permanent
	Collins Skip Hire	74	SHOTLEY HOLDINGS LIMITED	604781 228216	Inert/C+D	ACTIVE	Permanent
	Cooks Skip Hire	75	Peter Foster	602390 221501	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	CORE FUSION LIMITED	76	CORE FUSION LIMITED	602250 223457	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Crown Quarry	77	Sewells Reservoir Construction Limited	602688 229533	Inert/C+D	ACTIVE	Tied to Life of Quarry, See appendix 2
	David Brown Skip Hire And Recycling	78	David Romanus Brown	546938 212401	Inert/C+D	ACTIVE	Permanent
	Dunmow Skips Ltd	79	DUNMOW SKIPS LIMITED	571805 211243	Inert/C+D	ACTIVE	Permanent
	Eastern Waste Disposal Ltd	80	EASTERN WASTE DISPOSAL LIMITED	608650 218080	Inert/C+D	ACTIVE	Permanent

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Essex County Skips Ltd	81	ESSEX COUNTY SKIPS LIMITED	577748 189475	Inert/C+D	ACTIVE	Permanent
	Evans Thornwood	82	JOHN EVANS, TIMOTHY EVANS, TERRY EVANS	546824 204903	Inert/C+D	ACTIVE	Permanent
	G J Bowmer	83	GJ BOWMER (WASTE DISPOSAL) LIMITED	559999 190415	Inert/C+D	ACTIVE	Permanent
	Green Recycling Limited	84	GREEN RECYCLING LIMITED	585758 207538	Inert/C+D	ACTIVE	Permanent
	Haigh Recycling	85	Russell Haigh	559526 229161	Inert/C+D	ACTIVE	Permanent
	Harlow RCHW	86	ESSEX COUNTY COUNCIL	546952 212467	Inert/C+D	ACTIVE	Permanent
	Harvey Automobile Engineering	87	Martin Harvey	538092 205473	Inert/C+D	ACTIVE	Permanent
	Heatherland Ltd, Stondon Massey	88	HEATHERLAND LIMITED	556243 201888	Inert/C+D	ACTIVE	Permanent
	Home Farm	89	ESSEX WASTE LIMITED	555140 225614	Inert/C+D	ACTIVE	Permanent
	Hovefields Court	90	T L M MANAGEMENT LIMITED	574597 190866	Inert/C+D	ACTIVE	Permanent
	J & R Haulage	91	J & R HAULAGE LIMITED	539969 206865	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	JAC YARD-BONVILLE FARM	92	J.A.C GROUNDWORK & CIVIL ENGINEERING LTD	577030 190350	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Leigh Skips Transfer Station	93	Alan M Stone	573731 190304	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Maldon RCHW	94	ESSEX COUNTY COUNCIL	586280 206186	Inert/C+D	ACTIVE	Permanent
	Martells Quarry	95	Sewells Reservoir Construction Limited	605060 228150	Inert/C+D	ACTIVE	Tied to Life of Quarry, See appendix 2
	Martells Yard	96	Sewells Reservoir Construction Limited	605094 228278	Inert/C+D	ACTIVE	Permanent
	Mason Trucking Company	97	MASON TRUCKING CO LIMITED	588699 223065	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Mawkinherds Farm	98	ECO PLAN ENVIRONMENTAL LIMITED	563997 218783	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Mead Park Depot, Harlow	99	HTS (PROPERTY AND ENVIRONMENT) LIMITED	545579 211896	Inert/C+D	ACTIVE	Permanent

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Neil Sullivan Sons Recycling Centre Tennis Courts	100	NEIL SULLIVAN & SONS LIMITED	577135 190495	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Pitsea RCHW	101	ESSEX COUNTY COUNCIL	573676 187079	Inert/C+D	ACTIVE	Permanent
	Place Farm	102	Muck Away Group Limited	558269 198776	Inert/C+D	ACTIVE	Enforcement Notice served on 10 September 2025, to take effect on 13 October 2025, unless an appeal is made beforehand.
	Promenade Park Depot	103	MALDON DISTRICT COUNCIL	586050 206200	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Rayleigh RCHW	104	ESSEX COUNTY COUNCIL	580666 190186	Inert/C+D	ACTIVE	Permanent
	Roydon Lea Farm	105	R B WHITBREAD (PLANT HIRE) LIMITED	542308 210614	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Saffron Walden RCHW	106	ESSEX COUNTY COUNCIL	555219 237298	Inert/C+D	ACTIVE	Permanent
	Sandon Quarry Recycling Facility	107	BRETT AGGREGATES LIMITED	574641 204041	Inert/C+D	ACTIVE	Tied to Life of Quarry, See appendix 2
	Sortera Limited, Ecologic Yard	108	Sortera Limited	588341 190248	Inert/C+D	ACTIVE	Permanent
	Sortera Limited, Unit 7 River Way	109	Sortera Limited	546653 212634	Inert/C+D	ACTIVE	Permanent
	Sutton Wharf	110	ALLSORT GRAB SERVICES LIMITED	588811 190031	Inert/C+D	ACTIVE	

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	T & K Weavers Demolition	111	T & K WEAVERS DEMOLITION LIMITED	589462 234062	Inert/C+D	ACTIVE	Permanent
	T J Cottis Transport	112	T J COTTIS TRANSPORT LIMITED	579617 192171	Inert/C+D	ACTIVE	Permanent
	Terminus Drive	113	MR JAMES HEARD & MRS MARIE HEARD	573637 187574	Inert/C+D	ACTIVE	Permanent
	The Railway Yard	114	COURTLANDS WASTE MANAGEMENT (UK) LIMITED	546625 212084	Inert/C+D	ACTIVE	Permanent
	UK Crushing & Development Ltd	115	UK CRUSHING & DEVELOPMENT LIMITED	558916 204601	Inert/C+D	ACTIVE	Permanent
	Unit A	116	FERNS SURFACING LIMITED	559234 188583	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Waste Transfer Station	117	A TEAM SERVICES LIMITED	577550 183400	Inert/C+D	ACTIVE	Permanent
	Widdington Pit	118	WIDDINGTON RECYCLING LTD	552918 231094	Inert/C+D	ACTIVE	Tied to Life of Quarry, See appendix 2
	Wotton Green Works	119	SKIPPY GRABS & GROUNDWORKS LIMITED	552936 195053	Inert/C+D	ACTIVE	Unknown - Not ECC Permission
	Wright Skips	120	WRIGHT SKIPS ENVIRONMENTAL LIMITED	610632 218643	Inert/C+D	ACTIVE	
	Leigh Marsh Civic Amenity Site (S-on-S)	121	SUEZ RECYCLING AND RECOVERY UK LTD	583069 185668	Inert/C+D	ACTIVE	Permanent
	Stock Road Recycling Centre (S-on-S)	122	SUEZ RECYCLING AND RECOVERY UK LTD	588040 187650	Inert/C+D	ACTIVE	Permanent
	W & H (Roads) Ltd (S-on-S)	123	W & H (ROADS) LIMITED	587831 188179	Inert/C+D	ACTIVE	Permanent
	Berth 34 (Thurrock)	124	S WALSH & SON LIMITED	562967 175388	Inert/C+D	ACTIVE	Permanent
	Botany Quarry, Purfleet (Thurrock)	125	KILLOUGHERRY WASTE MANAGEMENT LIMITED	555795 178278	Inert/C+D	ACTIVE	Subject to redevelopment

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
							of Purfleet Centre
	Brocks Haulage (Thurrock)	126	BROCKS HAULAGE LIMITED	558223 176835	Inert/C+D	ACTIVE	Permanent
	Buckingham Hill Civic Amenity Site (Thurrock)	127	THURROCK COUNCIL	567061 181274	Inert/C+D	ACTIVE	Permanent
	Burrows Farm Transfer Station - EPR/WP3831JT (Thurrock)	128	SIMS Environmental Ltd	564510 185080	Inert/C+D	ACTIVE	N/A
	Modern Skips 2014 Limited (Thurrock)	129	MODERN SKIPS 2014 LIMITED	554619 179872	Inert/C+D	ACTIVE	Permanent
	Rainbow Shaw Treatment (Thurrock)	130	CLEARSERVE LIMITED	566748 180366	Inert/C+D	ACTIVE	2025
	Recycled In Orsett (Thurrock)	131	RECYCLED IN ORSETT LIMITED	565171 181136	Inert/C+D	ACTIVE	Tied to Life of Quarry, See appendix 2
	Riverside Transfer Station (Thurrock)	132	WILLIAMS ENVIRONMENTAL LIMITED	558183 176744	Inert/C+D	ACTIVE	
	Seales Road Haulage Ltd (Thurrock)	133	SEALES ROAD HAULAGE LIMITED	554775 179720	Inert/C+D	ACTIVE	N/A
	Unit 5 Bennett's Industrial Estate (Thurrock)	134	HENDERSON & TAYLOR PUBLIC WORKS LIMITED	565340 178135	Inert/C+D	ACTIVE	N/A
	West Thurrock Recycling And Transfer Station	135	P F AHERN (LONDON) LIMITED	557637 177043	Inert/C+D	ACTIVE	Permanent
	The Envirowaste Recycling Centre	136	Stevenage Skip Hire Ltd	523782 230315	Recycled aggregate	Active	n/a
	50-52 Burrowfields	137	Ground Waste Recycling Ltd	523782 230315	Recycled aggregate	Active	n/a
	Etteridge Farm Depot	138	A H Nicholls & Sons Limited	532303 206761	Recycled aggregate	Active	n/a

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Hertfordshire	Land off Birchall Lane, Cole Green	139	BP Mitchell Ltd	527538 210883	Recycled aggregate	Active	n/a
	Burnside No 2 Transfer Station, Hatfield	140	Peters Brothers Limited	526182 210319	Recycled aggregate and Inert & excavation Waste TS + treatment	Active	n/a
	Harper Lane Recycling demolition waste	141	Tarmac Aggregates Limited	515964 201655	Recycled aggregate and Inert and excavation WTS with treatment	Active	n/a
	Skinner's Asphalt Plant	142	Holcim Group T/A Express Asphalt	530514 209928	Recycled aggregate	Active	n/a
	Go Plant Fleet Services	143	Go Plant Ltd	524730 213058	Recycled aggregate	Active	n/a
	Biffa Waste Services Limited	144	Biffa Waste Services Limited	534700 215500	Recycled aggregate	Active	n/a
Norfolk	Aylsham Industrial Estate, Aylsham	145	Aylsham Plant Hire Ltd	620100 327760	Recycled aggregates	Active	Permanent
	Harfrey's Road, Great Yarmouth	146	EE Green & Son	651843 301745	Recycled aggregates	Active	Permanent
	Six Acres, Stone Road, Hockering, Dereham	147	Norfolk Recycling Ltd	608086 315134	Recycled aggregates	Active	Permanent
	Rossfield, Reepham Road, Horsford, Norwich	148	Green Planet Environmental Recycling	618282 314991	Recycled aggregates	Active	Permanent
	Frans Green Industrial Estate, Sandy Lane, East Tuddenham	149	Norman Wenn Ltd	609303 313953	Recycled aggregates	Active	Permanent
	Frans Green Industrial Estate, Sandy Lane, East Tuddenham	150	Pips Skips (PL Hyde)	609475 314001	Recycled aggregates	Active	Permanent
	Land South of B1110, North Tuddenham, Dereham	151	Martyn J Green Ltd	604882 313735	Recycled aggregates	Active	Permanent
	William Frost Way, Longwater Business Park, Costessey	152	Longwater Gravel Co Ltd	615815 310706	Recycled aggregates	Active	Permanent
	William Frost Way, Longwater Business Park, Costessey	153	N R Asphalt Limited	615616 311298	Recycled aggregates	Active	Permanent
	Harfreys Industrial Estate, Great Yarmouth	154	East Coast Waste Ltd	651855 305611	Recycled aggregates	Active	Permanent
	East Beckham Quarry, Holt Road, Sheringham	155	Gresham Gravel Limited	615522 340754	Recycled aggregates	Active	31/12/2031

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Eurocentre, North River Road, Great Yarmouth, NR30 1TE	156	East Coast Waste Ltd	652150, 309140	Recycled aggregates	Active	Permanent
	Browston sand pit, Cherry Lane, Browston, Great Yarmouth	157	E E Green & Son Limited	649456 301745	Recycled aggregates	Active	Permanent
	Boundary Pit, Sandy Hills Lane, North Walsham	158	Carl Bird Limited	629064 328265	Recycled aggregates	Active	Permanent
	Lodge Farm, Breckles, Attleborough	159	Lodge Farm Recycling Ltd	594649 295238	Recycled aggregates	Active	Permanent
	Walnut Tree Farm, Silver Street, Besthorpe, Attleborough	160	Baldwin Skip Hire	607236 296353	Recycled aggregates	Active	Permanent
	Lyngate Industrial Estate, North Walsham	161	Drury's Environmental Services Ltd	628047 331347	Recycled aggregates	Active	Permanent
	Blackwater Pit, Helhoughton Road, Hempton, Fakenham	162	Gamble Plant (Norfolk) Ltd	590470 328427	Recycled aggregates	Active	Permanent
	Snettisham Quarry, Norton Hill, King's Lynn	163	Mick George Ltd (Frimstone)	568348, 334963	Recycled aggregates	Active	04/09/2028
	Carbrooke Quarry, Summer Lane, Carbrooke	164	Mick George Ltd (Frimstone)	594929, 301229	Recycled aggregates	Active	11/02/2025
	Crimplesham Quarry, Main Road, Crimplesham	165	Mick George Ltd (Frimstone)	566314, 303624	Recycled aggregates	Active	31/12/2027
	Coxford Abbey Quarry, Docking Road, Syderstone	166	Longwater Gravel Co Ltd	582905, 331039	Recycled aggregates	Active	20/05/2027
	East Winch Quarry, East Winch Road, East Winch, King's Lynn	167	Middleton Aggregates Ltd	568412, 315288	Recycled aggregates	Active	23/01/2033
	Ketteringham Quarry, Hethersett Road, Ketteringham	168	Middleton Aggregates Ltd	617238, 302562	Recycled aggregates	Active	31/05/2029
	East Bilney Quarry, Rawhall Lane, East Bilney	169	Middleton Aggregates Ltd	595090, 318640	Recycled aggregates	Active	31/12/2029
	Innisfree Trading Estate, Bawsey, King's Lynn, PE32 1EX	170	Baco-compak (Norfolk) Ltd	567065, 320145	Recycled aggregates	Active	Permanent
	Kirby Cane Quarry, Yarmouth Road, Kirby Cane, Bungay	171	The Lyndon Pallett Group Ltd	638067, 292915	Recycled aggregates	Active	31/12/2025
	Ash Tree Farm, Acle New Road, Great Yarmouth	172	Pattisons (Anglia) Ltd	650444, 309264	Recycled aggregates	Active	Permanent

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
Norfolk	Mangreen Recycling and Waste Plant, Ipswich Road, Norwich, NR14 8DD	173	Tarmac Trading Limited	621970, 303389	Recycled aggregates	Active	31/07/2023
	Land off Mill Drove, Sandy Lane, Blackborough End, King's Lynn PE32 1SE	174	William George Sand and Gravel Ltd	567703, 314482	Recycled aggregates	Active	31/12/2023
	Heron Farm Recycling, Heron Farm, Besthorpe, Attleborough, NR17 2LN	175	Newall Plant Limited	608400, 295260	Recycled aggregates	Active	Permanent
	5C Burrell Way, Burrell Way Trade Park, Thetford, IP24 3RW	176	Stowmarket Skips Ltd	585362, 281892	Recycled aggregates	Active	Permanent
	Mayton Wood Quarry, Little Hautbois, Coltishall, Norwich	177	Mick George Ltd (Frimstone)	624150, 321444	Recycled aggregates	Active	31/12/2035
Suffolk	Bolton Brothers Recycling Centre (MRF)	178	Bolton Brothers	612153 249700	Paper	Operational	
	Shrubland Park	179	Brett Aggregates	612000 253700	Inerts.	Operational	31st December 2035
	Sheepdrift Farm (Waldringfield)	180	Brett Aggregates	626000 244800	Not operational	Site restored	
	Sinks Pit	181	Cemex	621498 245495	CD&E	Operational	
	Flixton Quarry (Site A)	182	Cemex	629800 286500	Inerts	Operational	31st December 2030
	D J Spall Recycling Ltd	183	D J Spall Recycling	626551 255006	CD&E	Operational	
	Former Brickworks and Piperwork's site (Lowestoft)	184	EE Green & Son	652400 288500	CD&E	Operational	
	Malting Farm	185	HF and JT Few	611257 251806	Material reclamation facilities	Operational	
	Broomfield Pit	186	Tarmac	612200 251500	Secondary Aggregates and recycling	Operational	
	Gazeley Secondary Agg Production	187	Tarmac	571889 267193	Secondary aggregates and recycling	Operational	
	Worlington Quarry	188	M Dickerson	569410 271743	Inerts	Operational	30th October 2025
	Marston's Quarry	189	Middleton Aggregates	575925 271485	Inerts	Operational	31st December 2046

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Old Chicory Factory	190	Murfitts Industries	572492 286426	Secondary aggregates and recycling	Operational	
	Sole Bay Recycling	191	Murray Graham	649862 276551	Secondary aggregates and recycling	Operational	
	Newmarket Open Door Recycling Centre	192	Newmarket Open Door	563526 264698	Potentially closed.	Potentially closed	
	S Sacker (Claydon) Ltd	193	Sackers Recycling	612299 250377	CD&E	Operational	
	Causeway Pit, Lakenheath	194	Sutton Services	570700 282200	Secondary aggregates and recycling	Operational	
	Somersham Road	195	Swift Recycling	611100 248200	Secondary aggregates and recycling	Operational	
	Harpers Hill Farm	196	T D & A M Bugg	596400 234900	CD&E	Operational	
	Beccles Civic Amenity Site	197	Radical Waste	645143 288605		Operational	
	Chilton Grove Works	198	Wiles Contractors Limited	587917 243351		Unknown	
	Lakenheath Recycling Centre, Brandon Road	199	Elveden Farms	573383 279879	CD&E	Operational	
	Claydon Skips Ltd, Masons Landfill	200	Claydon Skips	611604 250142	CD&E	Operational	
	Ellough Waste Transfer Station	201	V C Cooke	644051 288533	CD&E	Operational	
	Barton Mills Chalk Quarry	202	Needham Calks (HAM)	571059 272238	Inerts	Operational	
	Falconer Road, Haverhill	203	McFitch Waste Management	568045 244553		Operational	
	Lawn Farm, Wetherden	204	Aggamx	599309 262979	Inerts	Operational	30th September 2040
	Chilton Concrete Recycling Facility, Chilton Airfield	205	T & K Weavers Demolition	587917 243351	CD&E	Operational	
	Holywell Row Waste Recovery Site	206	A & S Topsoils	570672 278265		Operational	
	R & D Construction Depot, Summer Road, Walsham le Willows	207	R & D Construction	599362 272131		Operational	

Mineral Planning Authority	Site Name	Cross Reference to Figure 5	Operator	Grid Reference	Mineral	Status	Planning Permission End Date
	Solar Farm, Gisleham	208	Ley Plant	652488 288370		Operational	
	The Control Tower (Recycling) Bentwaters	209	John Kemble	634136 252681		Operational	