

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

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CONTENTS:

| | |
|---|-----------|
| ACRONYMS..... | 6 |
| GLOSSARY..... | 7 |
| EXECUTIVE SUMMARY | 8 |
| 1. AWP MEMBERSHIP | 11 |
| 2. PRIMARY AGGREGATES | 14 |
| 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 |
| 3. SECONDARY AND RECYCLED AGGREGATES | 32 |
| Introduction | 32 |
| Secondary Aggregates..... | 32 |
| Recycled Aggregates | 35 |
| National Data vs Survey Data | 39 |
| 4. TRENDS AND ANALYSIS..... | 40 |
| 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 |
| 5. CONCLUSIONS..... | 73 |
| 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

| | |
|-----------------|---|
| AMS | Aggregate Mineral Survey |
| AMS 2019 | AMS undertaken by the BGS for 2019 |
| AMS 2023 | AMS undertaken by the BGS for 2023 |
| AWP | Aggregate Working Party |
| BAA | British Aggregates Association |
| BGS | British Geological Survey |
| DCLG | Department for Communities and Local Government |
| DLUHC | Department for Levelling Up, Housing and Communities |
| EEAWP | East of England Aggregate Working Party |
| LAA | Local Aggregate Assessment |
| MASS | Managed Aggregate Supply System |
| MHCLG | Ministry of Housing, Communities and Local Government |
| MPA | Mineral Products Association |
| NACG | National Aggregate Co-ordinating Group |
| NPPF | National Planning Policy Framework |
| POS | Planning Officers Society |
| PPG | Planning Practice Guidance |
| SOCG | Statement of Common Ground |
| WDI | 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 AWP's |
| National and Sub-National Guidelines | Guidelines for the provision of aggregates published in June 2009 to replace those which had existed since 2003 (link: National and regional guidelines for aggregates provision in England 2005 to 2020) |
| 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 11th 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)¹. 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

¹ 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 Parties² (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-

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

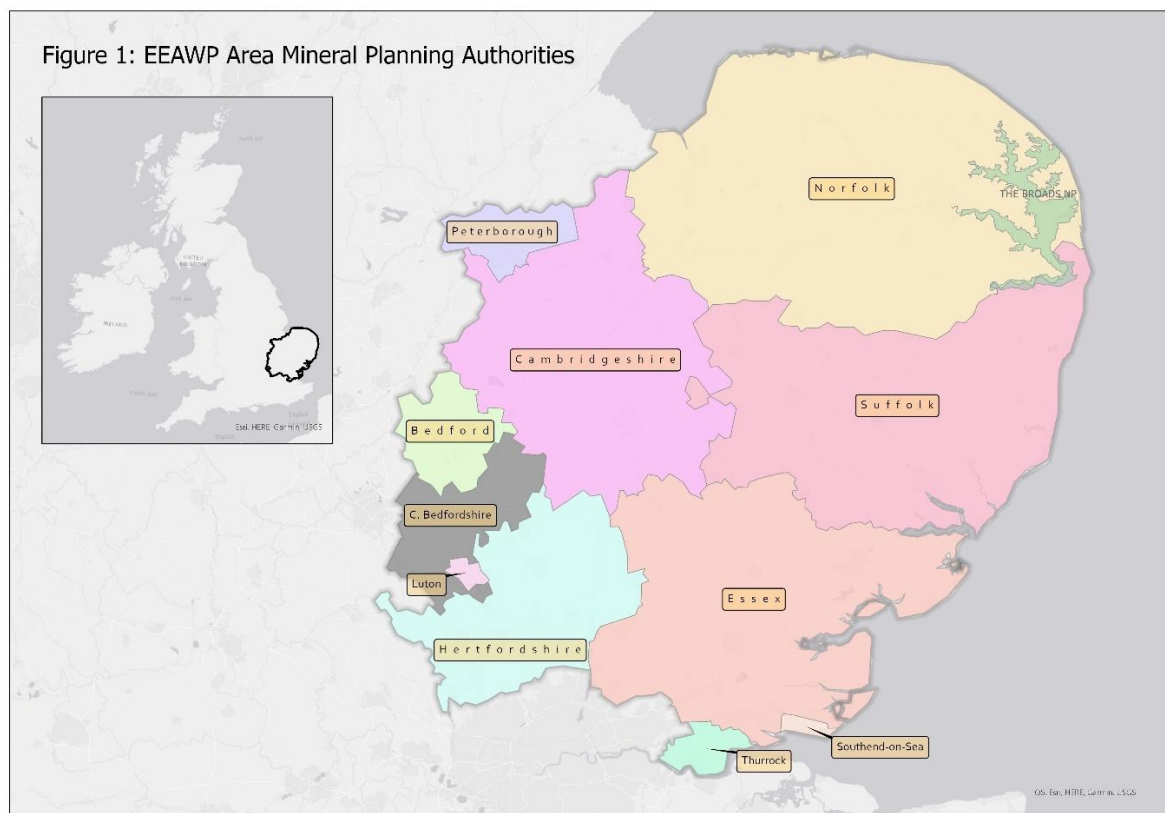
ordinating Group should share its findings with both the individual Aggregate Working Party and government as necessary; and

- 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).

| |
|--|
| Chair |
| Norfolk County Council |
| Secretariat |
| David Jarvis Associates Ltd |
| Mineral Planning Authority Representatives |
| 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 |
| Minerals Industry Representatives |
| 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 |
| Other |
| 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

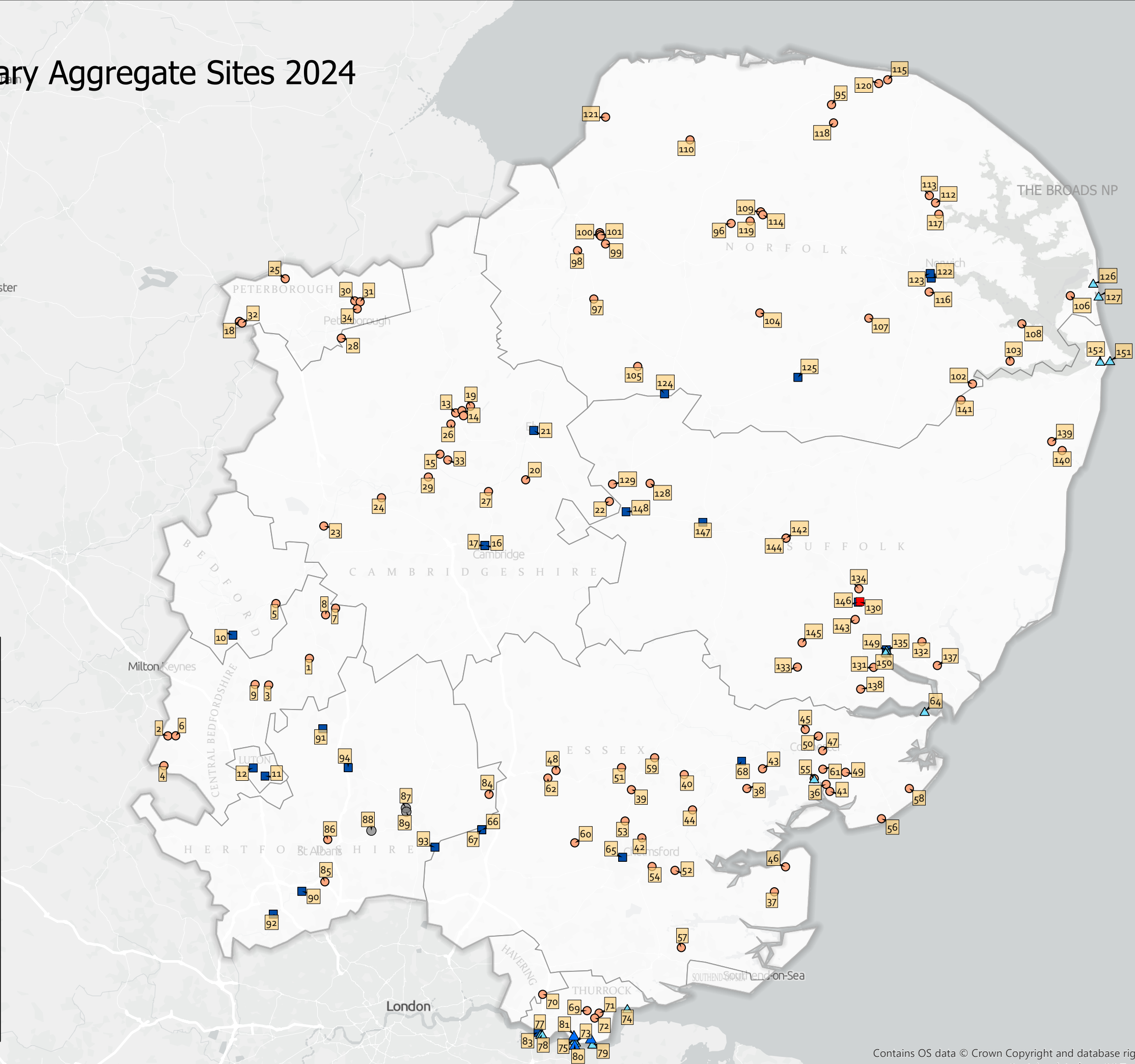
- 2.3 Aggregate sand and gravel is found throughout the East of England and consequently all the East of England mineral planning authorities contribute towards local and national aggregate needs. A list of permitted primary aggregate extraction sites within the East of England by mineral planning authority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

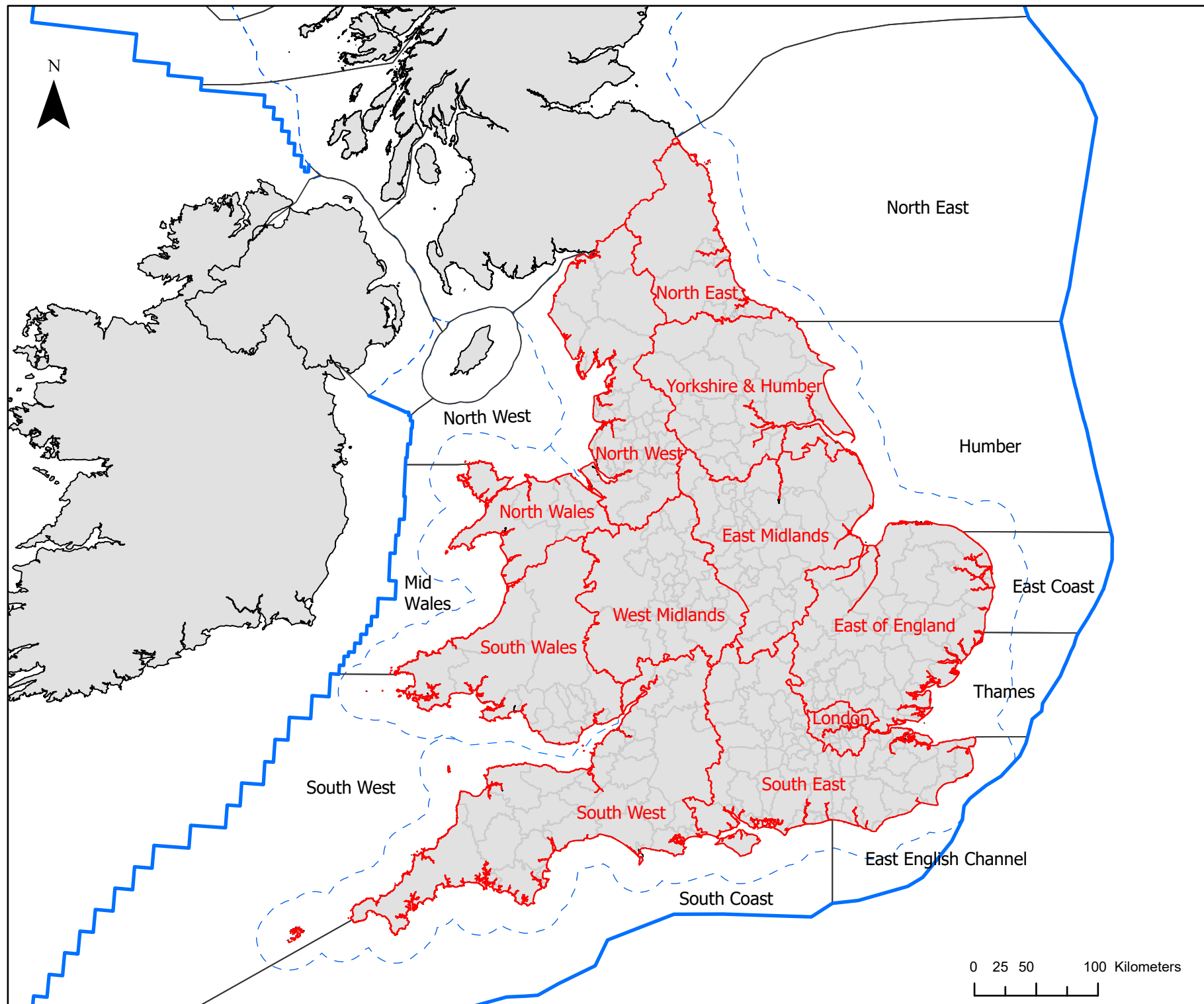
Figure 2: EEAWP Primary Aggregate Sites 2024

- Former quarry
- Quarry
- Rail depot
- ▲ Wharf
- ▲ Wharf and rail depot
- Rail depot/Processing site



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 |
| Grand Total | 3,322,729 | 3,103,817 | 1,386,404 | 3,810,689 | 3,811,567 | 1,286,924 | 232,469 | 16,954,599 |

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 |
| Grand Total | 655,235 | - | 544,755 | 33,280 | 567,575 | 59,048 | 98,205 | 1,958,098 |

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 – 2024³ (thousand tonnes)

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 10 year average | 3 year average |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|-----------------|----------------|
| Land Won Sand and Gravel | | | | | | | | | | | | |
| 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 |
| Total Land Won Sand and Gravel Sales (thousand tonnes) | 10,834 | 11,648 | 12,666 | 12,372 | 10,775 | 10,457 | 12,408 | 11,291 | 10,146 | 9,692 | 11,229 | 10,376 |

³ 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 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------------|----------------|
| Marine Sand and Gravel Landings | | | | | | | | | | | | |
| Bedford, Central Bedfordshire and Luton | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Cambridgeshire and Peterborough | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 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 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 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 |
| Total Marine Sand and Gravel Landings⁴ (thousand tonnes) | 324 | 435 | 403 | 371 | 295 | 428 | 455 | 705 | 593 | 583 | 459 | 627 |

⁴ Figures may not match owing to rounding.

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 10 year average | 3 year average |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|----------------|
| Crushed Rock | | | | | | | | | | | | |
| 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 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Hertfordshire | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Norfolk | c | c | c | c | c | c | c | c | c | c | c | c |
| Suffolk | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Total Crushed Rock Sales (thousand tonnes) | 353 | 456 | 399 | 217 | 104 | 149 | 207 | 171 | 123 | 124 | 230 | 139 |
| Total Aggregate Sales (thousand tonnes) | 11,511 | 12,539 | 13,468 | 12,960 | 11,174 | 11,034 | 13,070 | 12,167 | 10,862 | 10,399 | 11,918 | 11,142 |

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 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Sand and Gravel | | | | | | | | | | |
| 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 |
| Total Sand & Gravel Permitted Reserves (thousand tonnes) | 140,157 | 138,664 | 126,304 | 121,084 | 120,543 | 119,782 | 118,199 | 119,023 | 121,601 | 119,224 |

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

-
- 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 |
|--|------------|------------|------------|----------------|----------------|----------------|------------------|------------------|----------------|------------------|
| Rail depot capacity (thousand tonnes) | | | | | | | | | | |
| 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 |
| Total reported rail capacity | 385 | 385 | 605 | 1,280.3 | 1,361.2 | 1,458.1 | 3,491.2 | 4,281.2 | 1,511.2 | 4,096.1 |
| Wharf capacity (thousand tonnes) | | | | | | | | | | |
| 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 |
| Total reported wharf capacity | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | n/a | n/a | 2,000 | n/a |
| | | | | | | | | | | |
| Total reported infrastructure capacity⁵ | 2,385 | 2,385 | 2,605 | 3,280.3 | 3,361.2 | 3,458.1 | 5,491.2 | 6,281.2 | 3,511.2 | 6,096.1 |
| Notes: U = unknown; *= estimated; ** Essex figures show combined wharf and rail capacity at transhipment sites only for reasons of confidentiality; n/a = not available. | | | | | | | | | | |

⁵ 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

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

⁶ 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.

⁷ 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

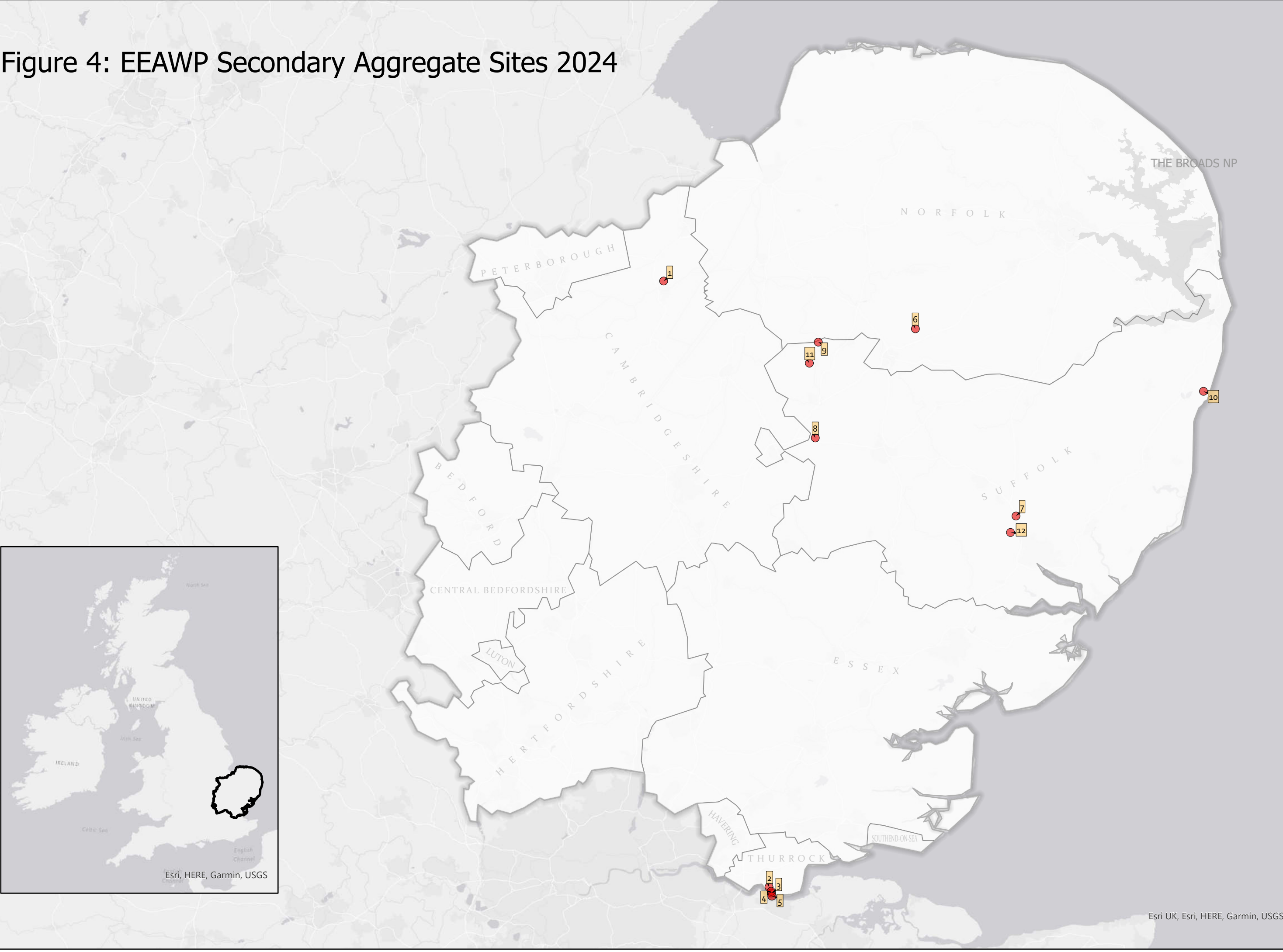
- 3.2 Secondary aggregates are defined within the NPPF as ‘aggregates from industrial wastes such as glass (cullet), incinerator bottom ash, coal derived fly ash, railway ballast, fine ceramic waste (pitcher), and scrap tyres; and industrial and minerals by-products, notably waste from china clay, coal 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 |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------------|----------------|
| Secondary Aggregate Sales (thousand tonnes) | | | | | | | | | | | | |
| Bedford, Central Bedfordshire and Luton | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Cambridgeshire and Peterborough ⁸ | No data | No data | No data | No data | No data | No data | No data | No data | No data | No data | 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 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | 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 |
| Total Reported Secondary Aggregate Sales (thousand tonnes) | U | U | U | U | U | U | U | U | U | U | U | U |

⁸ 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 Protocol⁹, 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 Assessments¹⁰ 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 Chairs¹¹. 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 Data 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 EEA WP in 2024.

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

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

¹¹ Recycled Aggregates Data – Guidance on Assessing Levels of Recycled Aggregates – link:
<https://www.cornwall.gov.uk/media/1jdp3jc/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 |
|---|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|-----------------|----------------|--------------------|------------------------|
| Recycled Aggregate Sales (thousand tonnes) | | | | | | | | | | | | | | |
| 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 ¹² |
| Essex, Southend-on-Sea and Thurrock | U | U | U | U | 963 | 798 | 838 | 1072 | 965 | 891 | n/a | 976 | WDI | Footnote ¹³ |
| 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 ¹⁴ |

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

¹³ 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))

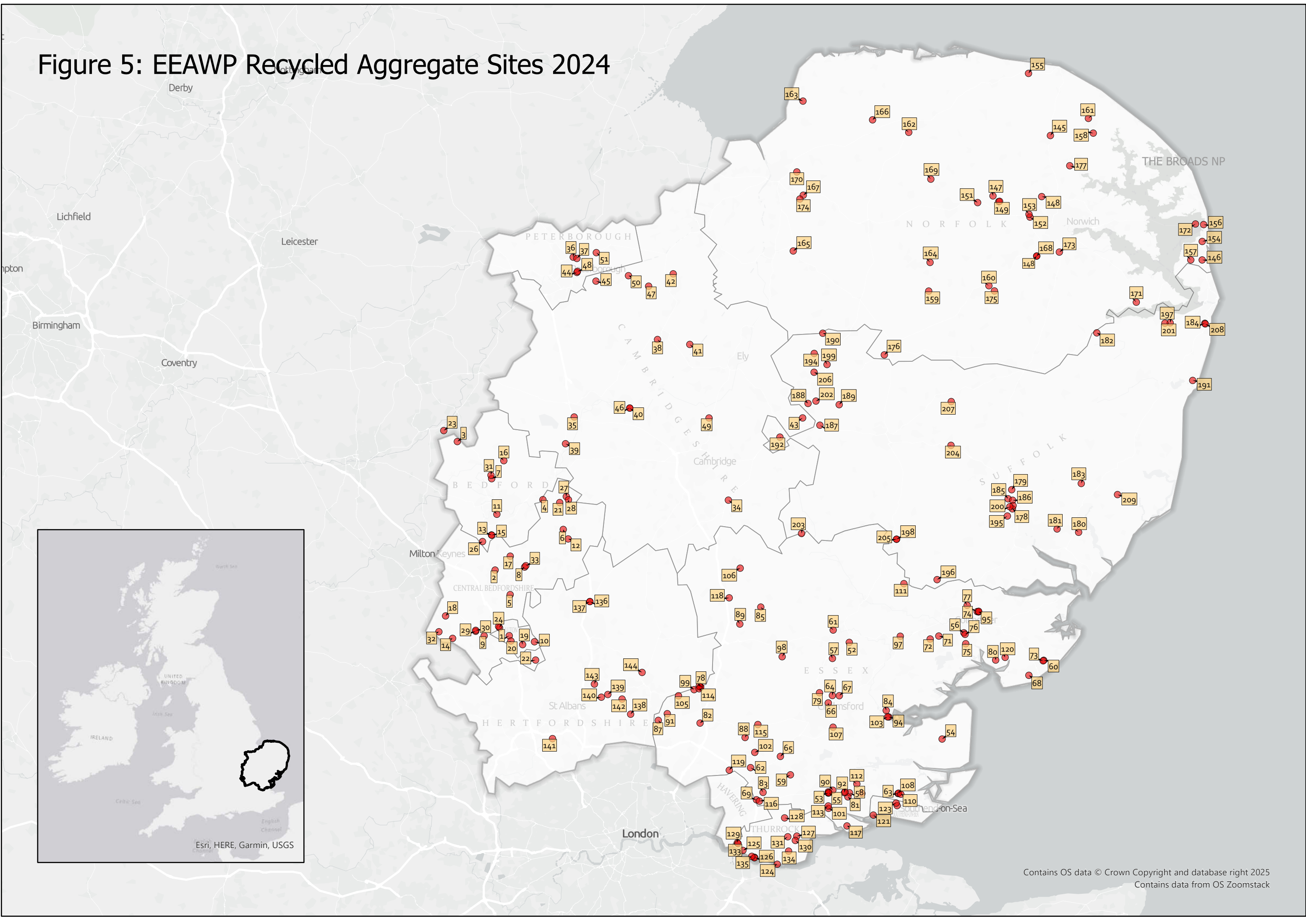
¹⁴ Survey data used from 2017 – 2020. WDI used since 2021. An 80/20 split is assumed where the WDI figure is assumed to be 80% of the actual total of recycled material to take account of material which is being reused and recycled directly on construction sites; therefore, an uplift has been added to 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 |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|--------------------|------------------------|
| Recycled Aggregate Sales (thousand tonnes) | | | | | | | | | | | | | | |
| Norfolk | 397 | 450 | 417 | 399 | 357 | 288 | 409 | 358 | 384 | 346 | 381 | 363 | WDI | Footnote ¹⁵ |
| Suffolk | | | 156 | 110.05 | | 32.89 | 106.64 | C: Single site | 469.19 | 305.04 | n/a | n/a | WDI since 2023. | Footnote ¹⁶ |
| Total Reported Recycled Aggregate Sales (thousand tonnes) | 1,573.0 | 1,269.0 | 1,460.1 | 1,629.5 | 2,437.0 | 1,848.2 | 2,394.8 | 2,426.0 | 2,925.7 | 2,574.2 | 2,053.7 | 2,642.0 | | |

¹⁵ 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.

¹⁶ 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 Association¹⁷ 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.

¹⁷ '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 11th 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)¹⁸. 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.

¹⁸ 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"> • 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. • 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. • A428 Black Cat to Caxton Gibbet Road Improvement Scheme. Construction will include 19km of new dual carriageway and grade separated junctions. • Redevelopment of Vauxhall motor works. Current proposals for a commercial/ industrial park. • 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. | <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"> • Junction 2 Improvements • Junction 3 Improvements | <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"> A16 Norwood Improvements <p><u>Cambridgeshire County Council:</u></p> <ul style="list-style-type: none"> A428 Black Cat to Caxton Gibbet Road Improvement scheme (EA) Cranbrook & Counter Drain Flood Risk Management Strategy (AW) Fens Reservoir Project A47 Highways Dualling Cambourne to Cambridge Greenway (segregated public transport route) Waterbeach to Cambridge Greenway (segregated public transport route) East West Rail Grafham to Cambridge Pipeline Note – planned housing not included in above list | <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"> Bradwell B Nuclear Power Station Norwich to Tilbury electricity grid upgrade | <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"> Bramford to Twinstead Electricity Connection Project Sea Link Longfield Solar Farm Lower Thames Crossing Oikos Marine and South Side Development including installation of additional marine infrastructure M25, Junction 28 A12 Widening (19 – 25) New A120 Braintree to the A12 route M11 Junction 8 Chelmsford North - East Bypass A120/A133 Link Road and Rapid Transit System Rapid Transport System (Clingoe Hill section) Beaulieu Park Station A127/A130 Fairglens Interchange | <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"> • A127 Improvement Package • Army and Navy sustainable transport package • Millennium Way slip roads • Stansted Airport airfield works plus a throughput of 43 million passengers per annum • Freeport East (Harwich Bathside Bay component) • Rivenhall Integrated Waste Management Facility and Energy Centre Development • Hedgehog Grove Solar Farm • Harwich, Tarchon Energy • North Falls Wind Farm • Five Estuaries Wind Farm • London Gateway Logistics Park • 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 | <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"> • HS2 | The Colen Valley Viaduct part of HS2 finished construction in September 2024. Remainder estimated by 2035/40. |

| Mineral Planning Authority | Major Construction Project | Comments |
|----------------------------|---|--|
| | <ul style="list-style-type: none"> Three Score Site, Land South of Clover Hill Road, Norwich - Phase one 755 dwellings, Phase Two 153 dwellings Barrack Street Development Site, Norwich St Annes Wharf, King Street, Norwich Anglia Square, Norwich The Blackdale Building, Bluebell Road, Norwich Land west of Knights Hill Village, Grimston Road, South Wootton, King's Lynn Land South of Denver Hill, Downham Market Land SE of Queen Mary Road, Gaywood, King's Lynn Edward Benefer Way, King's Lynn Land NE of Bridle Lane, Downham Market Land South of Salhouse Road, Sprowston, Norwich Royal Norwich Golf Club, Drayton High Road, Hellesdon, Norwich Land East of Holt Road, Horsford | <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 1,900m2 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"> Land at St Faiths Road, Old Catton, Norwich White House Farm, Land at Blue Boar Lane, Sprowston, Norwich Land South of Salhouse Road, Sprowston, Norwich Land South of Smee Lane, Postwick, Norwich Land off Green Lane West, Rackheath, Norwich Land East of Buxton Road, Spixworth, Norwich Land at Manor Park, Drayton, Norwich Land to the East of Broadland Way and to the North of the A4, Postwick, Norwich Greater Norwich Food Enterprise Zone, Red Barn Lane, Honingham, Norwich Land at Brook Farm and Laural Farm, Green Lane, Thorpe St Andrew, Norwich Land at Norwich Road, Aylsham Land North of Smee Lane, Great Plumstead | <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"> Land at Green Lane East, Little Plumstead Land adjacent Mahoney Green, Rackheath Land to the North of Sprowston and Old Catton Land between Fir Covert Road and Reepham Road, Taverham Racecourse Plantation, Plumstead Road East, Thorpe St Andrew Broadland Enterprise Park, Land off A140 Horsham St Faith Land West of Lodge Farm, Costessey Land SW of Newfound Farm, Cringleford Land N of A11 & SW of Round House Way, Cringleford Land East of A11 and N/S of Round House Way, Cringleford, Norwich Land North of Hethersett village Phases A2 and B2 Land North of Shotesham Road, Poringland | <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 16,800m2 employment space, up to 8,800m2 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"> Land North of the A11, Wymondham Wymondham Rugby Club And Land West Of Elm Farm, Norwich Common, Wymondham Land between London Road and Sutton Lane, Wymondham Land N&S of Dereham Road, Easton Land East of Mendham Lane, Harleston Land East of A140, Long Stratton Land West of A140, Long Stratton Long West of A140 Long Stratton Long Stratton bypass (relief road) Land west of Hethel Engineering Centre Land west of Ipswich Road, Keswick Site 25, Beacon Park, Bradwell, Great Yarmouth | <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"> South Denes Operational Campus Land at Nova Scotia Farm, Jack Chase Way, Caister, Great Yarmouth Land East of Lowestoft Road, Lowestoft Road, Hopton, Great Yarmouth Wheatcroft Farm, Land at South Bradwell, Great Yarmouth Land at Greenfields Road, Dereham Thetford Sustainable Urban Extension / Kingsfleet Land north of Norwich Road, Attleborough Land north of Red House, Norwich Road, Thetford Swanton Road, Dereham Attleborough Sustainable Urban Extension East of Shiphams Road, Dereham | <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"> Hargham Road, Attleborough Land North of Rudham Stile Lane, Fakenham Land South of Norwich Road, North Walsham A47 Blofield to North Burlingham dualling scheme (2.6km) A47/A11 Thickthorn junction improvement A47 North Tuddenham to Easton dualling scheme Hornsea Three offshore wind farm Norfolk Vanguard offshore wind farm Norfolk Boreas offshore wind farm Extension to Sheringham Shoal and Dungeon wind farms | <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"> Sizewell C Gull Wing Bridge Scottish offshore windfarm | <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">Ipswich Garden SuburbProgress Power | <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 EEA WP 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 EEA WP 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 | https://www.cambridgeshire.gov.uk/business/planning-and-development/planning-policy/adopted-minerals-and-waste-plan | | | Mar-20 | Jul-21 | |
| | RECAP Waste Management Design Guide (SPD) | https://www.cambridgeshire.gov.uk/business/planning-and-development/planning-policy/recap-waste-management-design-guide | | | | 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 | https://www.essex.gov.uk/minerals-waste-planning-policy/minerals-local-plan | | | | Jul-14 | |
| | Essex Minerals Plan Review | https://www.essex.gov.uk/background-and-current-progress-with-the-minerals-local-plan-review | Feb / Mar 22 included call for sites; Mar / Apr 24 included site assessments | tbc | tbc | tbc | |
| | Thurrock Core Strategy | https://www.thurrock.gov.uk/core-strategy-local-plan/about-core-strategy | | | | Dec-11 and Jan-15 | |
| | Thurrock Minerals and Waste Local Plan | https://www.thurrock.gov.uk/core-strategy-local-plan/minerals-and-waste | tbc | tbc | tbc | tbc | |
| | Southend New Local Plan | https://www.southend.gov.uk/planning-building/southend-new-local-plan | 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 | https://www.hertfordshire.gov.uk/services/recycling-waste-and-environment/planning-in-hertfordshire/minerals-and-waste-planning/minerals-planning/minerals-planning.aspx | | | | Mar-07 | |
| | Emerging Minerals and Waste Local Plan | https://www.hertfordshire.gov.uk/services/recycling-waste-and-environment/planning-in-hertfordshire/minerals-and-waste-planning/local-plan.aspx | 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 | https://www.norfolk.gov.uk/-/media/norfolk/downloads/what-we-do-and-how-we-work/policy-performance-and-partnerships/policies- | 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 | https://www.suffolk.gov.uk/planning-waste-and-environment/minerals-and-waste-policy/suffolk-minerals-and-waste-development-scheme/ | | | | 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) |
|--|---|---|--|--|---|
| Bedford, Central Bedfordshire and Luton | Minerals and Waste Local Plan: Strategic Sites and Policies LDD | 10.07 | 7.49 | nil | nil |
| Cambridgeshire and Peterborough | Minerals and Waste Local Plan | 17.623 | 2.463 | nil | nil |
| Essex, Southend-on-Sea and Thurrock | Essex Minerals Local Plan | 40.824 | 30.63 | nil | nil |
| Hertfordshire | Hertfordshire Minerals Local Plan Review 2002-2016 | 18.5 | 14 remaining ¹⁹ | nil | nil |
| Norfolk | Minerals and Waste Local Plan | 17.803 | 9.545 | 1.416 | nil |
| Suffolk | 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 |

¹⁹ 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, Crimbleham, 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, Crimbleham, 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 2012²⁰, 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.'

²⁰ 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% ²¹ |
| Hertfordshire | 1,080 | n/a | 10 year sales average (since 2021) |
| Norfolk | 1,442 | C | 10 year sales average ²² |
| Suffolk | 1,030 | n/a | 10 year sales average |

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

²² 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 11th 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)²³. 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).

²³ 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 AWP's 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"> • Presentation by Metro Dynamics on the Economic and Infrastructure Analysis of the East of England • Update from DLUHC including feedback from NACG meeting held on 5 February 2024 and presentation of national collation data plus latest on AMS 2023 • Mineral Products Association Update • British Aggregates Association Update • Mineral Local Plans Update and LAA reviews | https://davidjarvis.biz/east-of-england-awp/ |
| 25 June 2024 | <ul style="list-style-type: none"> • Update from DLUHC including latest on AMS 2023; • Discussions about the Supreme Court decision in Finch; • Updates from MPA and Minerals Local Plan update; • Discussion about effects of BNG. | https://davidjarvis.biz/east-of-england-awp/ |
| 1 October 2024 | <ul style="list-style-type: none"> • Update from MHCLG including on AMS 2023, on latest NACG meeting and on proposed planning reforms; • Discussion about potential impact on minerals planning as a result of proposed changes to the NPPF, specifically mineral | https://davidjarvis.biz/east-of-england-awp/ |

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

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) (formally 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) |
| | Essex sites below: | | | | | | | |
| | 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 |
| | Thurrock sites below: | | | | | | | |

| 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, Tottenhill | 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 th 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 st October 2031 for restoration. |
| | Tattingstone | 138 | Quarry | Shotley Holdings Ltd | 612313 236423 | Sand and gravel | Active | 31 October 2029 for extraction and 31 st March 2030 for restoration |
| | Henham Quarry | 139 | Quarry | The Lyndon Pallett Group | 645248 279063 | Sand and gravel | Active | 31 st 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 st 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 |
| | Tempsford 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 |
| | F C C 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 | KILLOUGHERY 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 |
|----------------------------|---|-----------------------------|------------------------------------|----------------|------------------------------------|---------------|------------------------------|
| | 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 | |