



**Yorkshire and Humber Aggregate Working Party
Annual Monitoring Report 2018, incorporating data for
January – December 2017**

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Executive Summary

The Yorkshire and Humber Aggregate Working Party (AWP) is one of nine similar working parties throughout England and Wales established in the 1970s. The membership of the Yorkshire and Humber AWP is detailed in Appendix 1. A plan showing the Yorkshire and Humber AWP Authorities is given in Figure 1 below.

This Annual Monitoring (AM) report provides sales and reserve data for the calendar year 1st January – 31st December 2017. The report provides data for each of the sub-regions in Yorkshire and Humber:

- North Yorkshire
- South and West Yorkshire
- East Riding and North Lincolnshire

It is not a policy-making body, but is charged with data collection to facilitate planning by Mineral Planning Authorities (MPAs), national government agencies and the industry, and to inform the general reader.

Crushed Rock

- Total Crushed Rock Sales of 9.9 mt in 2017.
- Total Crushed Rock Reserves of 269.65 mt

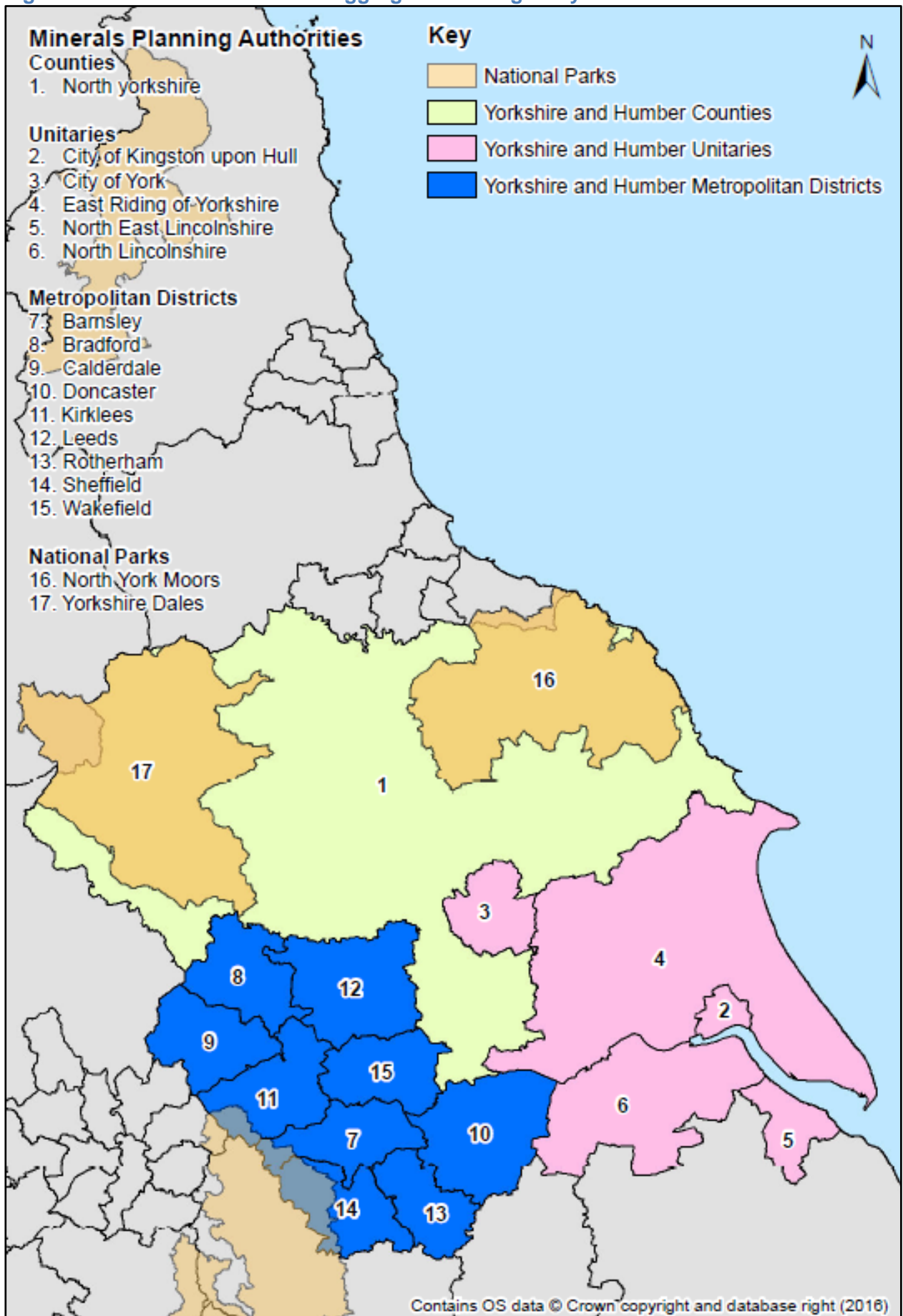
Land-won Sand and Gravel

- Total Land-won Sand and Gravel Sales of 3.31mt in 2017.
- Total Land-won Sand and Gravel Reserves of 29.53mt.

Landings of Marine-dredged Sand and Gravel

- Total Marine-dredged Sand and Gravel removed was 2.39mt in 2017.
- There was landing of 154,159 tonnes of Marine-dredged Sand and Gravel within the River Humber Wharves.

Figure 1: Yorkshire and Humber Aggregate Working Party Authorities



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1. Introduction

1.1. This 2018 Annual Monitoring Report (AM2018) for Yorkshire and Humber has been prepared from returns made by the operators of quarries, wharves and rail depots in Yorkshire and Humber in response to a party wide survey. It provides information on sales and reserves at aggregate quarries for the calendar year 2017. The report also puts the findings in the context of the National Planning Policy Framework and the Guidance on the Managed Aggregates Supply System.

Background

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

1.3. The core functions of the AWP, as set out in the Planning Practice Guidance, are to:

- consider, scrutinise and provide advice on the Local Aggregate Assessments of each mineral planning authority in its 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;
- provide an assessment of the position of overall demand and supply for the Aggregate Working Party area; and
- obtain, collect and report on data on minerals activity in their area.

1.4. The AWP's operate under contracts between the Secretary of State for Housing, Communities and Local Government and the Secretariat of the AWP's, and receive funding

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

from the Department to prepare papers, reports, and data collations as recommended by the NCG.

1.5. The Yorkshire and Humber Aggregates Working Party (Y&HAWP) comprises the following sub-regions:

- North Yorkshire
- South Yorkshire
- West Yorkshire
- East Riding and North Lincolnshire

1.6. Y&HAWP is chaired by a Chief Planning Officer or Director from one of the MPAs. The 2017 Chairperson was Vicky Perkin, Head of Planning Services, North Yorkshire County Council. The AWP is also serviced by a Technical Secretary, who is Carolyn Williams of Urban Vision. The membership of the Y&HAWP for 2017 is set out in Appendix 1. The main matters that the Y&HAWP considered at the AWP meetings held in 2017 are set out in Appendix 2.

Planning Policy

The National Planning Policy Framework (NPPF)

1.7. The NPPF requires MPAs to make provision for a steady and adequate supply of minerals; to define mineral safeguarding areas; to safeguard wharves, rail heads and certain aggregate processing facilities and plant.

1.8. The NPPF requires MPAs to participate in an Aggregates Working Party (AWP); to prepare an annual Local Aggregates Assessment (LAA); to make provision for the land won or other elements of their LAA in their mineral plans, taking account of the advice of the AWP and the National Aggregate Coordinating Group (NCG) as appropriate.

Guidance on the Managed Aggregate Supply System (MASS)

1.9. AWP's are to produce an annual report on minerals activity in their area, provide technical advice to MPAs on the adequacy of an LAA, and provide an assessment on the position of overall demand and supply in its area, including whether, in its view, the area is making a full contribution towards meeting both national and local needs.

National and Regional Guidelines for Aggregates Provision 2009

1.10. The most recent National and Sub National Guidelines are the National and Regional Guidelines for Aggregates Provision in England 2005-2020 published on 29 June 2009. The levels of provision set out in the Guidelines are summarised in Table 1.1 below.

Table 1.1: National and Regional Guidelines for Aggregates Provision in England, 2005 - 2020 (million tonnes)

New Regions Mt.	Guidelines for land-won production in Region		Assumptions		
	Land-won Sand & Gravel	Land-won Crushed Rock	Marine Sand & Gravel	Alternative Materials (a)	Net Imports to England
South East England	195	25	121	130	31
London	18	0	72	95	12
East of England	236	8	14	117	7
East Midlands	174	500	0	110	0
West Midlands	165	82	0	100	23
South West	85	412	12	142	5
North West	52	154	15	117	55
Yorkshire & the Humber	78	212	5	133	3
North East	24	99	20	50	0
ENGLAND	1028	1492	259	993	136

Report Scope

- 1.11. As with previous AM surveys, this AM2018 report is primarily a monitor on the Yorkshire and Humber wide scale. Data on primary aggregates sales from land-won sand and gravel sites, wharves and rail depots for 2017 has been provided by operators via the AWP technical secretary who collated the individual site returns. An inventory of quarries, wharves and rail depots is provided within each sub-region's section.
- 1.12. Other information on secondary and recycled aggregates and events of interest is also provided along with information on planning decisions and progress on Development Plan Documents. In order to provide an indication of trends, this Annual Report compares data for 2017 with data for earlier years.

- 1.13. The planning context for this report is the National Planning Policy Framework² (NPPF) and Guidance on the Managed Aggregate Supply System³ at the national level, and relevant Local Plans as the overall strategic plan for the area.

² National Planning Policy Framework, DCLG March 2012

³ Guidance on the Managed Aggregate Supply System, DCLG October 2012

2. Development Plans

North Yorkshire

North Yorkshire County Council (including City of York Council and North York Moors National Park)

The Minerals and Waste Joint Plan, covering North Yorkshire County Council, City of York and North York Moors National Park Authority plan areas, was submitted to SoS for examination in November 2017. Hearings on the Plan took place in spring 2018 and a series of Main Modifications are being prepared for consultation later in the year.

Yorkshire Dales National Park

- 2.1. Minerals policies form part of the Yorkshire Dales Local Plan 2015 – 2030, which was adopted on 20th December 2016.

South and West Yorkshire

Doncaster Metropolitan Borough Council

The overarching minerals policies are contained within the Core Strategy adopted in 2012. The authority is however working toward the production of a Local Plan, which will supersede the Core Strategy and saved policies in the Unitary Development Plan. The key milestones for the Doncaster Local Plan are currently being reviewed.

Barnsley Metropolitan Borough Council

- 2.2. The Minerals Plan is combined with the Local Plan. The consultation draft of the Local Plan went out to public consultation from 10th Nov 2014 till the 11th Jan 2015. The Local Plan will replace the existing Core Strategy and Unitary Development Plan. The Local Plan was submitted to the Secretary of State on 23rd December 2016. Examination now complete and the Sites and Policies DPD was adopted by the Council on 27 June 2018.

Rotherham Metropolitan Borough Council

- 2.3. Rotherham Core Strategy was adopted in Sept 2014, the Sites and Policies DPD final draft consultation began in Oct 2014 and the plan was submitted to the Secretary of State in March 2016. Examination now complete and the Sites and Policies DPD was adopted by the Council on 27 June 2018

Sheffield City Council

- 2.4. Sheffield has made the decision to cease work on the pre-submission draft version of the City Policies and Sites document and start work on a new Sheffield Plan. The first round of consultation, “City-wide Options for Growth to 2034” took place between November 2015 – January 2016. A Consultation Report will be available in Autumn 2017 and it is anticipated that the Plan will come into force in 2019.

Leeds City Council

- 2.5. Leeds adopted development plan has been revised and now consists of the following: Core Strategy (2014), Saved policies of the UDP (Review 2006), the Natural Resources and Waste Local Plan (2013/15) and the Aire Valley Leeds Area Action Plan (2017).
- 2.6. The Leeds Site Allocations Plan Revised Submission Draft (2017/18) is emerging and is currently being examined

Bradford Metropolitan District Council

- 2.7. Minerals policies are contained within the Local Plan Core Strategy. The Local Plan Core Strategy submitted for Examination in Public 12 December 2014. Examination took place in March 2015, the Inspector’s Report was received in August 2016 with a Holding Direction issued in October 2016. The Holding Direction has since been withdrawn and the Council adopted the Local Plan Core Strategy on the 18 July 2017.
- 2.8. Work is currently being undertaken on a Land Allocations DPD, which will also include Minerals.

Kirklees Metropolitan District Council

- 2.9. The Kirklees Local Plan was submitted for examination on 25 April 2017. The examination of the plan in public commenced in October 2017 and has reached the stage 4 hearings which are currently underway. The minerals element of the plan was examined during the stage 2 hearings in January 2018. Subject to satisfactory progression through the hearings stages it is estimated that the plan could be adopted in late 2018.

Wakefield Metropolitan District Council

- 2.10. Wakefield has a fully adopted Local Development Framework: Core Strategy (2009); Development Policies Document (2009); Site Specific Policies Local Plan (2012); and a separate Waste Development Plan (2009).

Calderdale Council

The Council will be intend to undertake Regulation 19 Consultation on Publication Local Plan in August / September 2018 with submission to Secretary of State in Early 2019 . The single Local Plan will include Minerals policies and allocations.

East Riding and North Lincolnshire

East Riding of Yorkshire Council and Kingston upon Hull City Council

East Riding of Yorkshire and Hull City Councils are producing a Joint Minerals Local Plan covering their area. A Proposed Submission version was consulted upon in Spring 2018. The Plan is scheduled to be submitted to the Secretary of State for examination in July 2018. An examination of the Plan in public is expected in Autumn 2018 and subject to that process, the Plan being adopted in early 2019.

North Lincolnshire Council

The current development plan consists of the adopted Development Plan Documents (DPDs) that make up the North Lincolnshire Local Development Framework - Core Strategy DPD (June 2011); Housing & Employment Land Allocations DPD (March 2016); Lincolnshire Lakes Area Action Plan (May 2016) - and the saved policies of the North Lincolnshire Local Plan (May 2003). The Core Strategy and Local Plan included planning policies for minerals.

The council has embarked on the preparation of a new Local Plan, covering the period 2017 to 2036. It will replace the documents listed above and will set out planning policies for minerals. An Initial (Regulation 18) Consultation exercise took place between February & April 2017, followed by an Issues & Options consultation between January & March 2018. Adoption is expected in 2020.

North East Lincolnshire Council

- 2.11. Following extensive consultation, the Council (at its committee meeting 15 December 2016) approved the submission of the new Local Plan to Government for independent examination. On 22 December 2016, the Local Plan and its supporting documents were submitted to the Secretary of State for Communities and Local Government via the Planning Inspectorate. The plan was found Sound and The all-encompassing Local Plan, incorporating minerals policies was formally adopted on 22 March 2018.

3. Yorkshire and Humber Aggregate Sales and Reserves

Aggregate sales

- 3.1. During the 2017 monitoring period total aggregate land-won sand and gravel sales increased slightly from 3.22mt in 2016 to 3.31mt in 2017.
- 3.2. National Planning Policy Framework requires MPAs to prepare Local Aggregate Assessments based on a rolling average of 10 years and other relevant local information, and an assessment of all supply options (including marine dredged, secondary and recycled sources), National Planning Practice Guidance sets out an expectation that MPAs will also look at average sales over the past 3 years particular to identify the general trend of demand as part of the consideration of whether it might be appropriate to increase supply.
- 3.3. The 2017 sales figure is above the three year average of 3.2mt per annum as well as higher than the ten year average, which is 3.0mt per annum. The sales figure still remains below those experienced between 2004 and 2008 when sales recorded averaged 4.31mt per annum but is a reflection of the wider economic market.
- 3.4. During the 2017 monitoring period total aggregate crushed rock sales dropped from 11.2mt in 2016 to 10.58mt in 2017. This marks the a drop in sales 2 years in row since 2011. Sales fell sharply in 2009 from a pre-2008 average of approximately 12mt per annum, the current three year average has remained at 11.0mt in 2017, the same as in 2016.
- 3.5. Analysis of marine dredged aggregate sand and gravel removal and landing rates is included within Chapter 7 Marine Dredged Aggregate. The data shows that 154,159 tonnes of material was landed in the Humber.

Aggregate reserves

- 3.6. Aggregate sand and gravel reserves decreased during 2017 from 37.67mt in 2016 to 29.43mt as at 31 December 2017. This decrease is due to both reassessment of reserves by operators, previous returns including some reserves which did not have planning permission which has been rectified this year, and errors in returns in previous years provided by operators have been reduced. The sand and gravel reserves across the sub-region will need to be closely monitored to assess any future changes to reserve figures.
- 3.7. Aggregate crushed rock reserves increased slightly by approximately 4mt during the 2017 monitoring period from 265.71mt as at 31 December 2016 to 270.22mt by the end of 2017. The Increase is due to a reassessment of reserves by some operators as well as new

permissions. As with sand and gravel reserves, it will be important to closely monitor any changes in reported reserve figures for crushed rock in both the Annual Monitoring Reports and authorities Local Aggregate Assessments.

Meeting Local and National Requirements

- 3.8. One of the core functions of the AWP is to assess if the area is “making a full contribution towards meeting both national and local aggregate needs”. To enable such an assessment requires up to date information on national and local requirements, however the latest national guideline figures are now considered out of date and the assessment itself only runs to 2020. In addition, there is a need for information contained within the four yearly surveys produced by BGS , however there is currently no commitment to undertaking a survey in 2018. This survey provides vital information on the movement of aggregates between regions and allows areas to see where past demand has come from. However what is still missing is an accurate assessment of future demand and this is something which can only be addressed through updates to the national figures which can then be fed in to LAA. In addition, the LAA’s could also benefit from providing more concise information of future requirements to ensure that these needs can be met.

Table 3.1: Yorkshire and Humber land-won aggregate sales 2008-2017 (million tonnes)

Sub-Region	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aggregate Sand and Gravel Sales										
North Yorkshire	2.3	1.7	1.6	1.7	1.6	1.5	1.7	1.7	1.7	1.75
South and West Yorkshire ¹	0.4	0.5	0.26	0.24	0.24	0.18	0.21	0.54	0.62	0.72
East Riding and North Lincolnshire	1.13	1.0	0.59	0.71	0.56	0.91	0.93	0.92	0.9	0.84
Total Yorkshire and Humber	3.83	3.2	2.45	2.65	2.4	2.59	2.83	3.16	3.22	3.31
Aggregate Crushed Rock Sales										
North Yorkshire	7.7	5.3	5.51	4.45	5.33	5.65	6.49	7.04	6.67	6.68
South Yorkshire	2.2	1.4	1.1	1.05	1.14	1.27	2.25	2.4	2.6	2.01
West Yorkshire	0.9	0.9	0.53	0.43	0.79	0.78	1.03	1.03	1.10	1.03
East Riding and North Lincolnshire	0.2	0.1	0.16	0.23	0.21	0.21	0.75	0.75	0.85	0.86
Total Yorkshire and Humber	11.0	7.7	7.30	6.16	7.47	7.91	10.52	11.22	11.22	10.58

1. Sand and Gravel Sales Combined to maintain commercial confidentiality.

Table 3.2: Yorkshire and Humber land-won aggregate reserves 2008-2017 (million tonnes)

Sub-Region	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aggregate Land-won Sand and Gravel Reserves										
North Yorkshire	20.02	18.4	17.98	16.24	19.1	18.63	16.9	19.5	20.5	17.43
South Yorkshire	10	5	5.7	5.79	5.67	5.95	2.29	4.2	8.78	5.60
West Yorkshire	-	0.33	0.25	0.2	0.14	0	0.88	0.99	0.77	0.67
East Riding and North Lincolnshire	-	14.4	9.3	11.1	9.7	8.1	7.9	7.06	7.62	5.73
Total Yorkshire and Humber	30.02	38.13	33.23	33.33	34.61	32.68	27.97	31.75	37.67	29.43
Aggregate Crushed Rock Reserves										
North Yorkshire	220.7	210.1	204.6	202.2	191.82	189.79	185.91	178.99	170.7	165.29
South Yorkshire	58.8	63.4	62.4	61.23	60.8	59.5	57.6	56.58	52.10	51.70
West Yorkshire	40	27.14	15.74 ⁽¹⁾	15.44 ⁽¹⁾	28.5	30.4	25.7	33.74	29.82	38.78
East Riding and North Lincolnshire	-	1.7	5.6	10.78	10.88	12.7	12.95	13.39	13.09	14.45
Total Yorkshire and Humber	319.5	302.34	288.34	289.65	292	292.39	282.16	282.7	265.71	270.22

1. Data incomplete

4. North Yorkshire

4.1. The North Yorkshire sub-region is comprised of North Yorkshire County Council, Yorkshire Dales National Park, City of York Council and North York Moors National Park. Aggregate extraction only takes place in North Yorkshire County Council and Yorkshire Dales National Park plan areas.

Aggregate sand and gravel sales, reserves and landbank

4.2. Tables 4.3 and 4.4 detail reserve and sales data for land-won aggregate sand and gravel for the annual monitoring period 2008 to 2017. This data relates solely to sites within the North Yorkshire County Council area because the Yorkshire Dales National Park Authority does not contain any permitted reserves of aggregate sand and gravel.

4.3. Sales of aggregate land-won sand and gravel have remained relatively unchanged during the 2017 monitoring period at 1.75mt. This is the eighth year of relatively stable sales following a fall from 2.7mt in 2007.

4.4. Reserves of aggregate land-won sand and gravel at 31 December 2017 were 17.43mt. This is slightly lower than expected given sales of 1.75mt in 2017 due to a planning permission expiring in 2017 prior to the site being fully worked-out and another site closing.

4.5. The landbank for aggregate land-won sand and gravel has decreased by one year from 11.4 years in 2016 to 10.10 years in 2017, this is due to a drop in reserves from 2017 due to permissions expiring and a permission in 2016 being appealed against. The landbank is in excess of the minimum seven year requirement set out in the National Planning Policy Framework (NPPF) and will continue to be reviewed on an annual basis through the AWP annual monitoring report and North Yorkshire sub-region Local Aggregate Assessment.

4.6. There were 10 active sand and sand and gravel quarries during 2017 of which 9 permissions will expire within the next 14 years (by 2031).

Table 4.1: North Yorkshire sand and gravel landbank

	Landbank as at 31.12.2016	Permitted reserves as at 31.12.2017	3 year average sales	10 year average sales	Landbank as at 31.12.2017
North Yorkshire County Council	11.4 years	17.43mt	1.7mt	1.7mt	10.10 years

Aggregate crushed rock sales, reserves and landbank

- 4.7. Tables 4.3 and 4.4 provide reserve and sales data for land-won crushed rock in the North Yorkshire sub-region for the monitoring periods 2008 to 2017. Table 4.2 provides the crushed rock landbank data for the sub-region. Data for North Yorkshire in previous years also included figures for Wakefield (West Yorkshire) which has insufficient sites to ensure commercial confidentiality and has historically partnered with North Yorkshire. Since 2012, this included two quarries which straddle the North Yorkshire/Wakefield border (Darrington Quarry and Plasmor Quarry). However, the reserves for these quarries are now wholly within the West Yorkshire sub-region and since the 2016 reporting period the reserve and sales figures for these quarries are attributed to the West Yorkshire sub-region.
- 4.8. Sales of aggregate crushed rock remained fairly steady with sale in 2016 at 6.67mt, increasing slightly to 6.38mt in 2017. This reflects the fact that information from two quarries is now included with West Yorkshire's figures instead of the North Yorkshire sub-region. Sales remain lower than levels experienced prior to 2009 when average sales figures were 7.92mt per annum. The Yorkshire Dales National Park continues to see a small increase in sales from 3.39mt in 2016 to 3.48mt in 2017. Sales from the North Yorkshire County Council area were down slightly from 3.28mt in 2016 to 3.2mt in 2017.
- 4.9. Total reserves of crushed rock aggregate reduced by 3% from 170.68mt at the end of 2016 to 165.29mt as at 31 December 2017. Reserves in the Yorkshire Dales National Park have stayed similar to 2016 levels, at 81.79mt as at 31 December 2017, this is due to the granting of a new permission releasing 3.1mt of crushed rock. Reserves in North Yorkshire decreased from 88.6mt in 2016 to 83.5mt as at 31 December 2017. Landbank figures for both areas have remained above the minimum ten year requirement set out in the National Planning Policy Framework.
- 4.10. There were 24 active quarries producing crushed rock (including limestone, crushed rock and HSA) in 2017. Of this total, 16 permissions will expire within the next 15 years (by 2031).

Table 4.2: North Yorkshire crushed rock landbank

	Landbank as at 31.12.2016	Permitted reserves as at 31.12.2017	3-year average sales	10 year average sales	Landbank as at 31.12.2017
North Yorkshire County Council	28.6 years	83.5mt	3.4mt	3.0mt	27.83 years
Yorkshire Dales National Park	26.5 years	81.79mt	3.4mt	3.1mt	26.38 years
North Yorkshire	28.4 Years	165.29mt	6.8mt	6.1mt	27.5 years

Table 4.3: North Yorkshire sales (million tonnes)

Monitoring Period	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aggregate Sand and Gravel Sales										
North Yorkshire	2.3	1.7	1.6	1.7	1.6	1.5	1.7	1.7	1.7	1.75
Total Sales	2.3	1.7	1.6	1.7	1.6	1.5	1.7	1.7	1.7	1.75
Aggregate Crushed Rock Sales										
North Yorkshire County Council	3.8	2.6	2.9	1.9	2.4	2.8	3.4 ⁽¹⁾	3.7 ⁽¹⁾	3.28	3.2
Yorkshire Dales National Park	3.9	2.7	2.61	2.64	2.63	2.85	3.09	3.34	3.39	3.48
Total Sales	7.7	5.3	5.51	4.54	5.03	5.65	6.49	7.04	6.67	6.68

1. Sales figures include Wakefield Figures to ensure commercial confidentiality

Table 4.4: North Yorkshire Reserves (million tonnes)

Monitoring Period	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aggregate Sand and Gravel Reserves										
North Yorkshire County Council	20.02	18.4	17.98	16.24	19.1	18.63	16.9	19.5	20.5	17.43
Total Reserves	20.02	18.4	17.98	16.24	19.1	18.63	16.9	19.5	20.5	17.43
Aggregate Crushed Rock Reserves										
North Yorkshire County Council	100.5	103.9	101	97.7	102.6	104.4	100.6	95.4	88.6	83.5
Yorkshire Dales National Park	120.2	106.2	103.6	104.5	89.22	85.39	85.31	83.59	82.08	81.79
Total Reserves	220.7	210.1	204.6	202.2	191.82	189.79	185.91	178.991	170.68	165.29

Aggregate Sites

Table 4.5: North Yorkshire Aggregate Sites

Site Name	Material	Operator name	Authority	Status in 2017	Permitted end date
Arcow Quarry	HSA	Tarmac	Yorkshire Dales National Park Authority	New permission granted July 2017	30.06.2029
Barnsdale Bar Quarry	Limestone	FCC Environmental	North Yorkshire CC	Active	31.12.2025
Barton Quarry	Limestone	Breedon Northern	North Yorkshire CC	Active	21.2.2031
Black/Leyburn Quarry	Limestone	Cemex	North Yorkshire CC	Active	21.2.2042
Bridge Farm Quarry	Sand and Gravel	Cemex	North Yorkshire CC	Active	31.10.2017
Brotherton Quarry/ Foxcliffe Quarry	Limestone	FCC Environmental	North Yorkshire CC	Active	31.12.2020
Darrington Quarry/ Criddling Stubbs <i>NB Minerals extracted in Wakefield but processed in North Yorkshire (data provided in West Yorkshire sub-region)</i>	Limestone	FCC Environmental	North Yorkshire CC/Wakefield	Active	Extraction taking place in Wakefield area 21.1.2029
Drax Power Station	Ash	Drax Power Station	North Yorkshire CC	Inactive	n/a
Dry Rigg Quarry	HSA	Tarmac	Yorkshire Dales National Park Authority	Active	31.12.2021
Duckett Hill Quarry	Limestone	Breedon North	North Yorkshire CC	Active	2042
Eggborough Power Station	Ash	Eggborough Power Station	North Yorkshire CC	Inactive	n/a
Ellerton/ Manor Farm Quarry	Sand and Gravel	Tarmac	North Yorkshire CC	Inactive	21.12.2030
Forcett Quarry	Limestone	Hanson	North Yorkshire CC	Inactive	31.8.2016
Gebdykes Quarry	Limestone	Lightwater Quarries	North Yorkshire CC	Active	6.9.2039

Site Name	Material	Operator name	Authority	Status in 2017	Permitted end date
Horton Quarry	Limestone and high PSV stone	Hanson UK	Yorkshire Dales National Park Authority	Active	22.2.2042
Hovingham	Crushed Rock	Cemex	North Yorkshire CC	Inactive	1.2.2042
Ingleton Quarry	HSA	Hanson UK	Yorkshire Dales National Park Authority	Active	16.5.2020
Ings Farm, Yedingham	Sand and Gravel	Morley Brothers	North Yorkshire CC	Active	1.1.2042
Jackdaw Crag Quarry	Limestone	FCC Environmental	North Yorkshire CC	Active	14.2.2017
Marfield	Sand and Gravel	Tarmac	North Yorkshire CC	Active	31.12.2030
Melsonby/ Low Grange Quarry	Limestone	Low Grange Quarry Limited	North Yorkshire CC	Active	28.2.2024
Mill Balk Quarry	Sand	Plasmor	North Yorkshire CC	Inactive	22.2.2042
New Road/ Broach Road/ Hensall Quarry	Building Sand	FCC Environmental	North Yorkshire CC	Active	15.6.2031
Newbridge Quarry	Limestone	Cemex	North Yorkshire CC	Active	31.12.2022
Newthorpe Quarry	Limestone	FCC Environmental	North Yorkshire CC	Active	21.2.2042
Nosterfield Quarry	Sand and Gravel	Tarmac	North Yorkshire CC	Active	31.5.2024
Pallett Hill Quarry	Sand and Gravel	Cemex	North Yorkshire CC	Active	31.12.2020
Pateley Bridge/ Coldstones Quarry	Limestone	Hanson	North Yorkshire CC	Active	20.2.2042
Potgate Quarry	Limestone	Lightwater Quarries	North Yorkshire CC	Active	1.6.2022
Ripon City Quarry	Sand and Gravel	Aggregates Industries	North Yorkshire CC	Active	18.3.18
Ripon Quarry	Sand and Gravel	Hanson	North Yorkshire CC	Active	31.12.2015
Scorton Quarry	Sand and Gravel	Tarmac	North Yorkshire CC	Active	31.12.2022
Settrington Quarry	Limestone	Fenstone Quarries Ltd	North Yorkshire CC	Active	31.12.2019
Skipton Quarry	Crushed Rock	Tarmac	North Yorkshire CC	Inactive	1.2.2042

Site Name	Material	Operator name	Authority	Status in 2017	Permitted end date
Swinden Quarry	Limestone	Tarmac	Yorkshire Dales National Park Authority	Active	31.12.2030
Wath Quarry	Limestone	Tarmac	North Yorkshire CC	Active	27.10.2023
Weeland Road/ Hensall Quarry	Sand	FCC Environment	North Yorkshire CC	Active	6.1.2019
Wensley Quarry	Limestone	Tarmac	North Yorkshire CC	Active	21.2.2042
Went Edge Quarry	Limestone	Meakin Properties	North Yorkshire CC	Active	25.7.2023
West Heselton Quarry	Sand	Cook and Son	North Yorkshire CC	Active	19.2.2020
Whitewall Quarry	Limestone	W C Watts Ltd	North Yorkshire CC	Active	1.11.2023
Wykeham Quarry	Sand and Gravel	Hanson	North Yorkshire CC	Inactive	26.3.2036

5. South and West Yorkshire

- 5.1. The South Yorkshire sub-region is comprised of Doncaster, Barnsley and Rotherham Metropolitan Borough Councils and Sheffield City Council. All active aggregate sites within this sub-region are located in the Doncaster Metropolitan Borough Council area. Rotherham has one crushed rock site which is inactive and where permission for extraction expired in December 2016. A planning application to extend the period for working was refused by the Council in June 2017 and an appeal against this decision is currently in progress.
- 5.2. The West Yorkshire sub-region comprises Leeds City Council, Bradford, Kirklees and Wakefield Metropolitan District Councils and Calderdale Council.
- 5.3. Sand and gravel data for the South Yorkshire sub-region and West Yorkshire sub-region has been combined in some previous monitoring periods at the request of operators. Where data is available for the separate sub-regions, this will be reported.
- 5.4. Please note some data for the 2010 and 2011 monitoring periods remains unavailable for the West Yorkshire sub-region. This data will be reported in future monitoring reports if it becomes available.

Aggregate sand and gravel sales, reserves and landbank

- 5.5. Table 5.3 provides sales data for land-won aggregate sand and gravel for the monitoring periods 2008 to 2017. Some of the reported data includes officer estimates for both sales and reserves where operators have not returned survey figures for the relevant monitoring period. However, additional work has been undertaken by Doncaster to improve data where sand and gravel operators have not previously submitted figures. Data for sales of non-aggregate sand and gravel have also been included in total sales figures up to and including the 2008 monitoring period. It is therefore difficult to assess the sales pattern of aggregate sand and gravel prior to 2009. There were 7 active sand and gravel quarries in 2017. It should also be noted that one site within the South Yorkshire sub-region straddles two administrative boundaries and extraction frequently moves between South Yorkshire and Nottinghamshire. Extraction has taken place within both parts of the site in 2017 and it should be noted that planning permission for the 56ha extension expires in summer 2019.
- 5.6. During the 2017 monitoring period sales continued to increase increased from 0.62mt in 2016 to 0.72mt in 2017. This increase is due to an improved monitoring return rate form owner / operators in Doncaster. It is hoped the improved response rate will be maintained during

future monitoring periods, providing for a more accurate picture of resources in this sub-region. Finningley Quarry production continues to take place in both areas and the site is expected to be exhausted by Summer 2019. Mineral operators have historically indicated through their returns that sharp sand and gravel resources in Doncaster are nearly depleted the most recent returns have now indicated that approximately 20% of the Doncaster reserve is made up of sharp sand and gravel.

- 5.7. Total reserves decreased during 2017 from 9.55mt at the end of 2016 to 6.37mt as at 31st December 2017. Reserves in West Yorkshire have decreased from 0.77mt in 2016 to 0.67mt in 2017, with reserves in South Yorkshire decreasing significantly from 8.78mt in 2016 to 5.60mt in 2017. This is due to a discrepancy with one operator which has reduced reserve estimates by 3mt.
- 5.8. Separate landbank figures have not previously been available due to the collated sales figures for both sub-regions. The landbank has decreased from 23.9 years in 2016 to 15.67 years as at 31 December 2017. This is still well above the seven year minimum required by the NPPF but will need to be monitored and assessed in future monitoring reports and Local Aggregate Assessments within the sub-region, especially with regard to the provision of sharp sand and gravel.
- 5.9. It should be noted that reserves of sand and gravel in South Yorkshire are still made up of 80% soft sand deposits. Furthermore the Doncaster Core Strategy states 'For sand and gravel, the evidence indicates that it will be difficult to maintain a supply of sharp sand and gravel to meet the apportionment up to the end of the plan period.' This will need to be kept under close review through both the Annual Monitoring Report and Local Aggregate Assessments.

Table 5.1: South and West Yorkshire sand and gravel landbank

	Landbank as at 31.12.2016	Permitted reserves as at 31.12.2017	3 year average sales	10 year average sales	Landbank as at 31.12.2017
South & West Yorkshire	23.9 years	6.27mt	0.6mt	0.4mt	15.67 years

Aggregate crushed rock sales, reserves and landbank

- 5.10. Total sales of crushed rock have decreased from 3.7mt in 2016 to 3.04mt as of 31st December 2017. Sales decreased in both South and West Yorkshire in 2017.

- 5.11. Total reserves of crushed rock aggregate have increased from 81.92mt in 2016 to 90.48mt as at 31st December 2017. Reserves increased by 8.96mt in West Yorkshire, this is mainly due to the accounting of reserves and sales of sites in West Yorkshire which had previously been reported in North Yorkshire, this has resulted in a drop in reserves in North Yorkshire. Reserves reported this year as ‘non-aggregate’ have been taken off the total in West Yorkshire which explains the fluctuation.
- 5.12. The total landbank for crushed rock aggregate as at 31 December 2017 is 37.65years, a increase from 31.5 years in 2016. The landbanks for both areas remain in excess of the minimum ten year requirement set out in the NPPF. Reserve and landbank figures should be monitored closely within future LAAs and AMRs.

Table 5.2: South and West Yorkshire crushed rock landbank

	Landbank as at 31.12.2016	Permitted reserves as at 31.12.2017	3 year average sales	10 year average sales	Landbank as at 31.12.2017
South Yorkshire	30.1 years	51.70mt	2.3mt	1.74mt	29.71 years
West Yorkshire	33.1 years	38.78mt	1.1mt	0.85mt	45.58 years
South & West Yorkshire	31.5 years	90.48mt	3.4mt	2.6mt	37.65 years

Table 5.3: South and West Yorkshire sales (million tonnes)

Monitoring Period	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aggregate Sand and Gravel Sales										
South Yorkshire	0.4	0.5	0.26	0.24	0.24	0.18	0.21	0.54	0.62	0.72
West Yorkshire										
Total Sales	0.4	0.5	0.26	0.24	0.24	0.18	0.21	0.54	0.62	0.72
Aggregate Crushed Rock Sales										
South Yorkshire	2.2	1.4	1.1	1.05	1.14	1.27	2.25	2.4	2.6	2.01
West Yorkshire	0.9	0.9	0.53	0.43	0.79	0.78	1.03	1.03	1.10	1.03
Total Sales	3.1	2.3	1.63	1.48	1.93	2.05	3.28	3.43	3.7	3.04

1. Sand and Gravel Sales Combined to maintain commercial confidentiality.

Table 5.4: South and West Yorkshire Reserves (million tonnes)

Monitoring Period	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aggregate Sand and Gravel Reserves										
South Yorkshire	10.0	5.0	5.7	5.79	5.67	5.95	2.29	4.2	8.78	5.60
West Yorkshire ⁽¹⁾	-	0.33	0.25	0.2	0.14	0.00 ⁽²⁾	0.88	0.99	0.77	0.67
Total Reserves	10.0	5.33	5.95	5.99	5.81	5.95	3.17	5.19	9.55	6.27
Aggregate Crushed Rock Reserves										
South Yorkshire	58.8	63.4	62.4	61.23	60.8	59.5	57.6	56.58	52.10	51.70
West Yorkshire	40	27.14	15.74 ⁽³⁾	15.44 ⁽³⁾	28.5	30.4	25.7 ⁽³⁾	33.74 ⁽⁴⁾	29.82	38.78
Total Reserves	98.8	90.54	78.14⁽³⁾	76.67⁽³⁾	89.3	89.9	83.3⁽³⁾	90.32⁽⁴⁾	81.92	90.48

1. No data available before 2009

2. Reserves depleted in this sub-region

3. Incomplete data

4. Note: the reserve figure for 2015 is artificially high due to a discrepancy in how the figures from one quarry were reported for that year.

Aggregate Sites

Table 5.5: South and West Yorkshire Aggregate Sites

Site Name	Material	Operator name	Authority	Status in 2016	Permitted end date
Airfield Quarry	Sand and Sandstone	Johnsons Wellfield Quarries	Kirklees Council	Active	
Appleton Quarry	Sandstone	Marshalls Natural Stone	Kirklees Council	Active	
Armthorpe Quarry	Sand	Yorkshire Aggregates	Doncaster	Planning permission expired in 2015 but the site is still operational.	Application pending
Austerfield Quarry	Sand	Hanson UK	Doncaster	Active	2029
Arthington Quarry	Sandstone	Assoc Waste Management Ltd	Leeds City Council	Inactive	2042
Bank Top Quarry	Sandstone	M & M Yorkshire Stone	Bradford	Active	
Barnsdale Bar NB Straddles two administrative areas (North Yorkshire County Council and Doncaster Metropolitan Borough Council)	Limestone	Darrington Quarries	North Yorkshire Doncaster	Active in Wakefield (NYCC) and not Doncaster this year	
Beacon Lodge Quarry	Sandstone	Leo Group Ltd	Calderdale	Active	
Blackhill Quarry	Sandstone	Mone Bros Excavation Ltd	Leeds City Council	Active	31st May 2021
Blaxton Quarry	Sand	Vigo Group	Doncaster	Inactive	2042
Bolton Woods Quarry	Sandstone	The Pickard Group/Hard York Quarries	Bradford	Active	
Britannia Quarry	Sandstone	Woodkirk Stone Sales Ltd	Leeds City Council	Active	2042
Cadeby Quarry	Limestone	Grants Precast Ltd	Doncaster	Active but not for aggregate, dimension stone only	2042
Cromwell Quarry	Sandstone	Marshalls Plc	Calderdale	Inactive	2042
Crows Nest	Sandstone	Marshalls Plc	Calderdale	Inactive	

Site Name	Material	Operator name	Authority	Status in 2016	Permitted end date
Darrington Quarry NB Straddles two administrative areas (North Yorkshire County Council and Wakefield) - data is included with that for West Yorkshire	Limestone	FCC Environment	Wakefield	Active	2029
Dunsville	Sand	Breedon Southern	Doncaster	Active	
Elland Edge Quarry	Sandstone	Rand & Asquith	Calderdale	Active	2042
Fagley Quarry	Sandstone	The Pickard Group/ Hard York Quarries	Bradford	Active	
Finningley Quarry NB Straddles two administrative areas (Doncaster and Nottinghamshire)	Sand and Gravel	Tarmac	Doncaster	Active in Doncaster area of the site	56 Ha extension expires 2018
Fly Flatts Delph Quarry	Sandstone, Grit	Rand & Asquith	Calderdale	Active	2042
Forge Lane Quarry	Sand and Gravel	Forge Lane Quarry Ltd	Kirklees	Active	2024
Gibb Lane Quarry	Sandstone	Smiths Haulage & Contracting Ltd	Calderdale	Active	2042
Hainsworth Shaw Quarry	Sandstone	Hainworth Shaw Quarries	Bradford	Active	
Harrycroft	Limestone	Tarmac	Rotherham	Inactive	2016
Hazel Lane	Limestone	Cat Plant Ltd	Doncaster	Active	Appeal in progress (2017)
High Moor Quarry	Limestone	Sam Smith Old Brewery Ltd	Leeds City Council	Active	
Holme Hall Quarry	Limestone	Breedon Southern	Doncaster	Active	2017. ROMP and S73 application will permit to 2027 subject to S106.
Howley Park Quarry	Sandstone	Marshalls Mono Ltd	Leeds City Council	Active	2042

Site Name	Material	Operator name	Authority	Status in 2016	Permitted end date
Hurst Plantation			Doncaster	Inactive	2042 (would require comprehensive ROMP before extraction could re-commence)
Hunter Hill Quarry			Calderdale	Active	2019
Odda Lane Quarry	Sandstone	Whitelocks	Leeds City Council	Active	2042
Moor Top Quarry	Sandstone	RG Stone Sales Ltd	Leeds City Council	Active	2042
Moselden Quarry	Sandstone	Marshalls Natural Stone	Kirkless Council	Active	
Mount Tabor Quarry	Sandstone, Grit	Hard York Quarries	Calderdale	Active	2042
Naylor Hill Quarry	Sandstone	Dennis Gillson & Son Haworth Ltd	Bradford	Active	
Northowram Hill Quarry	Sandstone	Mr R Farrar	Calderdale	Active	2029
Partridge Hill Quarry (High Common Lane, Austerfield)	Sand	Misson Sand and Gravel	Doncaster	Active	2042
Pasture House Quarry	Sandstone	Marshalls Plc	Calderdale	Active	2042
Pinnar Lane Quarry	Sandstone	W S Crossley	Calderdale	Active	2030
Plasmor Works Quarry	Limestone	Plasmor Ltd	Wakefield	Active	2023
Pond Quarry	Sandstone	Hard York	Calderdale	Active	2042
Pule Hill Quarry	Sandstone	Cleanmet Ltd	Calderdale	Active	
Scout Quarry	Sandstone	Cleanmet Ltd	Calderdale	Active	2042
Sovereign	Sandstone	Marshalls Natural Stone	Kirkless Council	Active	
Spring Hill Quarry	Sandstone	Springhill Stone Ltd	Calderdale	Active	2018
Stainton (Glen) Quarry	Limestone	Marshalls Natural Stone	Doncaster	Active	See Holme Hall Quarry
Sunny Bank Farm	Sandstone	Mytholm Stone Sales	Calderdale	Active	
Temple Quarry	Sandstone	Holgate Excavations Ltd	Kirklees Council	Active	

Site Name	Material	Operator name	Authority	Status in 2016	Permitted end date
Warmsworth Quarry	Limestone (primarily for industrial processes)	Sibelco UK	Doncaster	Active	2048
White Rock Quarry	Sandstone	Marshall's Plc	Calderdale	Inactive	2042
Windyridge Quarry	Sandstone	S & R. M. Peel	Kirklees	Active	
Wood Top Quarry	Sandstone	Cleanmet Ltd	Calderdale	Active	
Wroot Road Quarry	Sand ⁽¹⁾	Yorkshire Aggregates	Doncaster	Unknown	2042
58s Road	Sand and Gravel	Rotherham Sand and Gravel	Doncaster	Inactive	2042

1. Horticultural sand only

6. East Riding and North Lincolnshire

- 6.1. The East Riding and North Lincolnshire sub-region comprises East Riding of Yorkshire Council, North Lincolnshire Council, North East Lincolnshire Council and Kingston upon Hull City Council. All primary aggregate sites within this sub-region are located within North Lincolnshire and East Riding of Yorkshire Council areas. A number of secondary and recycled aggregate sites are however located within North East Lincolnshire and Hull. Minerals imported from mainland Europe are also landed at wharfs in Kingston upon Hull.
- 6.2. Please note that some data for this sub-region is unavailable. If this data becomes available it will be reported in future monitoring reports.

Aggregate sand and gravel sales, reserves and landbank

- 6.3. Table 6.3, below, provides sales data for land-won aggregate sand and gravel for the monitoring periods 2008 to 2017. Some data includes officer estimates for both sales and reserves due to a low response rate for certain years including 2017.
- 6.4. Data for sales of non-aggregate sand and gravel has been included in total sales figures up to and including the 2008 monitoring period. It is therefore difficult to assess the sales pattern of aggregate sand and gravel prior to 2009. Sales across East Riding and North Lincolnshire have continued to fall 0.90mt in 2016 to 0.84mt in 2017. Sales in East Riding fell by 0.06mt whilst there was no change in sales in North Lincolnshire.
- 6.5. Total recorded reserves as at 31 December 2017 for the East Riding were 4.43mt, down from 6.32mt in 2016. This drop is down to a reassessment of reserves by operators and removal of reserves which did not have planning permission which had been incorrectly included in previous years by the operator. Landbank figures for North Lincolnshire cannot be calculated due to the lack of available sales data. However, if this data becomes available landbanks will be reported in future reports. The sand and gravel landbank in East Riding has decreased, from 8.5 years as at 31 December 2016 to 6.2 years at the end of 2017. The landbank has fluctuated in recent years and will be closely monitored in future annual monitoring reports and the authorities Local Aggregate Assessments.

Table 6.1 : East Riding and North Lincolnshire sand and gravel landbank

	Landbank as at 31.12.2016	Permitted reserves as at 31.12.2017	3 year average sales	10 year average sales	Landbank as at 31.12.2017
East Riding	8.5 years	4.43mt	0.79mt	0.71mt	6.2 years
North Lincolnshire	***Insufficient data available***				

Aggregate crushed rock sales, reserves and landbank

6.6. Sales of aggregate crushed rock had been relatively stable in the sub-region throughout the period 2006-2013 apart from a brief decline in 2008. Sales have continued to increase in 2017 with sales of 0.86mt. This increase is based on a rise in East Riding’s sales from 0.23mt in 2016 to 0.27mt in 2017. Sales in North Lincolnshire dropped slightly from 0.62mt in 2016 to 0.59mt in 2017.

6.7. Reserve data for this sub-region is missing some data between 2008-2010, and therefore landbank data should be treated with caution. Reserves as at 31 December 2017 were recorded at 8.67mt in East Riding, a significant increase from the previous year of 6.59mt due to reassessment of reserves at one site. Reserves in North Lincolnshire as at December 2017 were recorded at 5.78mt, a decrease of 11%. The East Riding landbank is above the ten year minimum requirement at 61.93 years. North Lincolnshire is above the ten year minimum at 19.93 years but this is down from 32.5 years recorded as at December 2016. The North Lincolnshire landbank will need to be monitored closely if sales remain consistent with those seen in 2014, 2015 and 2016 as the 10 year average sales increases and the landbank continues to fall.

Table 6.2: East Riding and North Lincolnshire crushed rock landbank

	Landbank as at 31.12.2016	Permitted reserves as at 31.12.2017	3 year average sales	10 year average sales	Landbank as at 31.12.2017
East Riding	50.7 years	8.67mt	0.21mt	0.14mt	61.93 years
North Lincolnshire	32.5 years	5.78mt	0.61mt	0.29mt	19.93 years
East Riding and North Lincolnshire	44.6 years	13.09mt	0.82mt	0.43mt	33.6 years

Table 6.3 East Riding and North Lincolnshire sales (million tonnes)

Monitoring Period	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aggregate Sand and Gravel Sales										
East Riding	1	1	0.59	0.71	0.56	0.82	0.81	0.82	0.80	0.74
North Lincolnshire	0.13	-	-	-	0	0.1	0.11	0.1	0.1	0.1
Total Sales	1.13	1	0.7	0.5	0.56	0.92	0.92	0.92	0.90	0.84
Aggregate Crushed Rock Sales										
East Riding	0.1	0.1	0.16	0.13	0.1	0.1	0.08	0.13	0.23	0.27
North Lincolnshire	0.1	0	0	0.1	0.11	0.11	0.67	0.62	0.62	0.59
Total Sales	0.2	0.1	0.16	0.23	0.21	0.21	0.75	0.75	0.85	0.86

Table 6.4: East Riding and North Lincolnshire reserves (million tonnes)

Monitoring Period	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aggregate Sand and Gravel Reserves										
East Riding	-	14.4	9.3	9.1	8.7	7.1	6.4	5.66	6.32	4.43
North Lincolnshire	-	-	-	2	1	1	1.5	1.4	1.3	1.3
Total Reserves	-	14.4	14.2	11.1	9.7	8.1	7.9	7.06	7.62	5.73
Aggregate Crushed Rock Reserves										
East Riding	-	0.6	5.6	6.6	6.7	6.5	6.3	6.19	6.59	8.67
North Lincolnshire	-	1.1	-	4.18	4.18	6.2	6.65	7.20	6.50	5.78
Total Reserves	-	1.7	5.6	10.78	10.88	12.7	12.95	13.39	13.09	14.45

Aggregate Sites

Table 6.5: East Riding and North Lincolnshire Aggregate Sites

Site Name	Material	Operator name	Authority	Status in 2017	Planning permission expiry
Brandesburton	Sand	Sandsfield	East Riding	Inactive	May 2018
Bringham Quarry	Sand and Gravel	Clifford Watts	East Riding	Dormant	unknown
Cove Farm	Sand	North Lincs Aggregates	North Lincolnshire	Active	
Eastfield Farm	Silica Sand	A.F. Dowson & Sons	North Lincolnshire	Active	
Everthorpe			East Riding	Inactive	unknown
Garton	Sand and Gravel	Clifford Watts	East Riding	Dormant	unknown
Gransmoor	Sand and Gravel	Clifford Watts	East Riding	Inactive	unknown
Greenwick	Chalk (sold as aggregate)	Fenstone	East Riding	Active	2042
Huggate	Chalk (sold as aggregate)	Fenstone	East Riding	Active	2042
Kettleby Parks	Sand and Gravel	Breedon Aggregates	North Lincolnshire	Active	2024
Kirton Lindsey	Limestone	Welton Aggregates	North Lincolnshire	Inactive	2042
Little Catwick	Sand and Gravel	Yarrows Aggregates	East Riding	Active	2020
Langtoft	Chalk (sold as aggregate)	Clifford Watts	East Riding	Dormant	unknown
Lowthorpe	Chalk (sold as aggregate)	Bob Stabler and Sons Ltd	East Riding	Active	unknown
Manton	Limestone	Brianplant	North Lincolnshire	Active	2042
Melton	Industrial Chalk	Omya	East Riding	Active	2042
Melton Ross	Chalk (Industrial chalk with some aggregate sales)	Singleton Birch	North Lincolnshire	Active	2042

Site Name	Material	Operator name	Authority	Status in 2017	Planning permission expiry
Messingham	Silica sand (mainly for industrial processes)	Sibelco UK	North Lincolnshire	Active	
Middleton	Chalk (sold as aggregate)	Simpson	East Riding	Inactive	2027
Nafferton Limes	Chalk (sold as aggregate)	Clifford Watts	East Riding	Dormant	unknown
Newton upon Derwent	Clay and a small amount of sand	Aggregate Recycling (UK) Ltd	East Riding	Active	unknown
North Cave	Sand and Gravel	Humberside Aggregates	East Riding	Active	31.3.2025
Park House Farm	Sand and Gravel	Clifford Watts	East Riding	Active	unknown
Partridge Hall	Chalk (sold as aggregate)	Simpson	East Riding	Active	2036
Riplingham	Chalk (sold as aggregate)	Stoneledge	East Riding	Active	2020
Slate House Farm	Limestone	Welton Aggregates	North Lincolnshire	Active	
South Ferriby	Chalk (industrial chalk only)	Cemex	North Lincolnshire	Active	2042
Swinescaife	Chalk (industrial Chalk only)	Clifford Watts	East Riding	Active	Unknown
Turtle Hill	Sand and Gravel	Clifford Watts	East Riding	Active	unknown

7. Marine dredged aggregate

7.1. The Crown Estate, along with the British Marine Aggregate Producers Association (BMAPA), publishes reserve and dredge statistics on an annual basis. The report 'Marine Aggregates The Crown Estate Licences Summary of Statistics 2017' provides summary statistics relating to the dredging and landing of marine dredged aggregate sand. Reserve information is published by The Crown Estate most recent Capability and Portfolio report for 2017 which provided the following information:

- Total current primary aggregate reserves of 57.82 million tonnes off the Yorkshire and Humber coast (including North East)
- 10 year average annual off-take for primary aggregate of 2.09 million tonnes
- Three year average annual off-take for primary aggregate of 1.41 million tonnes
- Annual average permitted off-take as at 31 March 2017 is 5.60 million tonnes
- Regional reserve life calculated against the 10 year average off-take is 27.69 years.

7.2. In addition The Crown Estate and BMAPA publish a summary of the extraction activity in the Area Involved Report, the 19th of which was published in 2017.

7.3. During the 2016 monitoring period there were 8 licences operating in waters off The Humber coast CEMEX UK Marine Ltd, DEME, Building Materials Ltd, Hanson Aggregates Marine Ltd, Tarmac Marine Ltd, Van Oord UK Ltd and Westminster Gravels Ltd for both sand and gravel, principally for use in the construction industry. The licenced areas in 2017 were 230.28km², of this 133.95km² was available to be dredged. Dredging only took place in 18.27km² or 7.93% of the licensed area. During 2016, the area dredged increased by 17km².

Table 8.1 Active Humber Dredging Areas

Area no.	Licence type	Licence holder/applicant	Operational status 2015
514/1, 514/2, 514/3, 514/4	Active dredge areas	Cemex UK Marine Ltd	Active
197	Active dredge areas	Tarmac Marine Ltd	Active
106/1, 106/2, 106/3, 400, 480	Active dredge areas	Hanson Aggregates Marine Ltd	Active

Area no.	Licence type	Licence holder/applicant	Operational status 2015
515/1, 515/2	Active dredge areas	Westminster Gravels Ltd	Active
481/1, 481/2	Active dredge areas	Van Oord Ltd	Active

- 7.4. A total of 2,392,146 tonnes of material was removed from permitted dredging areas off the Humber coast during the 2017 monitoring period, a 24% increase from 2016. Of the material removed, 1,844,898 tonnes was as primary aggregates, 504,401 tonnes as beach nourishment and 2,847 tonnes for rivers and miscellaneous.
- 7.5. Of the total 1,811,338 tonnes of material removed, only 674,932 tonnes was landed at permitted wharf locations in the Humber and the North East. Of this figure, a total of 117,417 tonnes were landed within the Humber Region, significantly more than previously. Landings at River Tyne Wharfs have also increased, whilst landings at Blyth and River Tees Wharfs have decreased. The area involved – 19th annual report records for 2016 that 68.9% (0.93mt) of the material removed from off the Humber coast was landed in mainland Europe with only 28.5% (0.38mt) of the material being landed at locations within the Humber. The remainder was landed in the Thames Estuary, 2.6% (0.04mt).
- 7.6. Further work on the potential contribution of marine aggregates to the Yorkshire and Humber region was commissioned by Leeds City Council and undertaken by URS Infrastructure and Environment UK Limited in 2013⁴. This report highlighted, amongst other things, that whilst there is more than adequate capacity in relation to permitted removal rates and reserves, there remains low levels of landings due to the presence of only one operational wharf with limited onward distribution options. In 2016 Leeds City Council granted a planning consent for the construction of a new wharf at Stourton for the landing of marine won aggregate. It will be necessary to continue to monitor marine aggregate in future Annual Monitoring Reports and relevant Local Aggregate Assessments in order to analyse any changes in removal and landing rates.

⁴ Marine Aggregate Study Final Report, URS, January 2014

Table 7.1: Marine dredged aggregate removed from off the Humber coast 2008-2016

The Humber		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Primary	Aggregate	3,154,070	2,524,328	2,622,126	2,175,846	1,451,742	1,528,399	1,566,850	1,318,134	1,353,193	1,884,899
	River & Misc	-	-	-	-	-	-	-	199,424	-	2,847
Secondary	Beach nourishment	449,988	545,127	545,874	730,033	633,821	611,787	620,422	626,472	445,406	504,401
	Contract fill	-	-	18,573	-	-	-	-	-	12,739	-
Total aggregates removed		3,604,058	3,069,455	3,186,573	2,905,879	2,085,563	2,140,186	2,187,272	2,144,030	1,811,338	2,392,141
Authorised limit of removal (mt/pa)		4,400,000	5,050,000	5,050,000	5,050,000	4,800,000	4,800,000	4,560,000	4,700,000	4,800,000	4,400,000

Table 7.2: Marine dredged aggregate landed at Humber coastal wharfs

Landing Point	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Blyth	-	-	-	4,046	11,156	27,489	22,946	37,452	29,904	37,406
River Humber wharves	212,538	92,202	115,490	108,927	90,194	76,102	-	25,561	117,417	154,159
River Tees wharves	314,862	189,890	257,062	181,346	99,452	133,711	198,710	245,860	215,142	297,387
River Tyne wharves	508,773	314,599	362,223	247,407	337,173	265,293	292,646	287,018	312,469	296,624
Total landings	1,036,173	596,691	734,775	541,726	537,975	502,595	514,302	595,891	674,932	785,576
Total landings in the Humber	212,538	92,202	115,490	108,927	90,194	76,102	-	25,561	117,417	154,159

8. Secondary and Recycled Aggregates

- 8.1. Recycled Aggregate, which includes inert materials such as concrete, stone, brick and other similar materials, are reprocessed materials previously used for construction purposes and which are often taken from the Construction, Demolition and Excavation (CD&E) waste stream. Secondary aggregates are usually by-products of industrial processes and can include materials such as clay, ash and slag.
- 8.2. The use of secondary and recycled materials not only reduce the requirement for new production of primary aggregate, but also reduces the need for disposal to landfill of CD&E waste materials. The National Planning Policy Framework (para 163) recognises this and strongly promotes the use of secondary and recycled materials as an alternative to primary aggregate.
- 8.3. Data on secondary and recycled aggregate production and use is variable and incomplete. This is because, while some sites operate under license and can be monitored, much recycling and re-use occurs on individual construction sites, is temporary in nature and does not produce data. Insufficient data was obtained from the 2015 survey to report the returns received but it is hoped that this can be reported on in a future report. The Environment Agencies Waste Data Interrogator has been used to identify the amount of CD&E waste produced and handled within each Waste Authority and is presented in Table 8.1 below. Some Authorities have calculated CD&E waste for their areas but as the level of data and method of calculation varies only the Waste Data Interrogator has been used.
- 8.4. The most up-to-date data available from the Environment Agency Waste Data Interrogator is from 2017.
- 8.5. CD&E materials will be used for engineering works and restoration projects as well as creating secondary aggregates. An increase in the amount of CD&E being handled or produced in each area may represent an increase in the amount of recycled aggregate available for use. Given the limits to the data the findings should be used cautiously.
- 8.6. In 2017 North Yorkshire facilities handled 1.19mt down from 1.42mt, in 2016. The amount of CD&E produced also increased from 0.54mt in 2016 to 0.64mt in 2017. The increase was due mainly to an increase in material produced in North Yorkshire and a small increase in the City of York..

- 8.7. In South & West Yorkshire Sub-Region there was an overall decrease, in both production and handling of CD&E. The amount of handled CD&E decreased from 6.29mt in 2016 to 5.54mt in 2017. The amount of CD&E produced decreased from 3.98mt in 2016 to 3.49mt in 2017.
- 8.8. In East Riding and North Lincolnshire handled CD&E increased from 1.78mt in 2016 to 2.39mt in 2017. Production of CD&E increased from 1.27mt in 2016 to 1.36mt in 2017.

Table 8.1 CD&E Arising's Produced and Handled in North Yorkshire (Environment Agency Waste Data Interrogator, 2013, 2014, 2015, 2016 and 2017)

Minerals Planning Authority	2013		2014		2015		2016		2017	
	Produced	Handled	Produced	Handled	Produced	Handled	Produced	Handled	Produced	Handled
North Yorkshire WPA	390,941	905,227	285,879	850,820	400,551	924,771	483,657	1,286,197	582,491	1,079,422
York, City of WPA	100,192	145,121	115,519	134,974	75,617	140,253	59,200	137,233	60,776	112,896
North Yorkshire	491,133	1,050,347	401,398	985,794	476,168	1,065,025	542,857	1,423,430	643,267	1,192,318
Barnsley WPA	150,852	103,529	155,639	89,746	116,949	83,988	81,883	81,443	109,853	78,042
Doncaster WPA	336,965	814,035	331,463	1,047,392	687,812	1,387,346	394,038	1,097,749	309,855	1,039,774
Rotherham WPA	232,861	684,363	238,573	565,003	266,415	452,648	191,064	380,424	203,774	448,612
Sheffield WPA	757,661	579,818	694,655	659,561	684,841	734,801	757,354	842,838	776,448	869,216
Bradford City WPA	130,307	217,678	142,740	228,320	222,626	251,865	320,934	294,376	319,694	291,740
Calderdale WPA	121,897	238,495	103,927	173,324	191,381	271,481	207,119	380,424	172,198	219,677
Kirklees WPA	266,836	355,300	279,831	309,881	320,910	381,053	356,798	565,419	303,778	474,660
Leeds WPA	617,756	964,416	694,334	1,184,749	982,963	1,680,103	1,154,330	1,730,476	901,846	1,306,855
Wakefield WPA	217,631	671,973	302,787	721,679	456,625	755,039	517,530	912,710	397,002	813,139
South & West Yorkshire	2,832,765	4,629,608	2,943,949	4,979,654	3,930,522	5,998,324	3,981,050	6,285,859	3,494,448	5,541,716
East Riding of Yorkshire WPA	401,342	524,777	420,704	712,718	470,032	963,420	473,027	878,456	501,108	868,239
Kingston Upon Hull City WPA	257,085	268,181	48,655	242,763	55,396	329,860	415,986	351,133	474,350	444,823
North East Lincolnshire WPA	95,572	86,223	119,029	85,112	181,657	92,371	172,861	81,302	182,700	151,460
North Lincolnshire WPA	151,180	397,936	215,424	353,533	212,230	467,211	205,920	465,990	205,134	927,275
East Riding and North Lincolnshire	905,178	1,277,117	803,812	1,394,126	919,315	1,852,863	1,267,794	1,776,881	1,363,292	2,391,797

Appendix 1: AWP Membership 2017

Aggregate Working Party Representatives	
Chairperson	<p>Vicky Perkin Planning Services, North Yorkshire County Council County Hall, Racecourse Lane, Northallerton DL7 8AH vicky.perkin@northyorks.gov.uk 01609 533 323</p>
Technical Secretary	<p>Philippa Lane/Carolyn Williams Urban Vision Partnership Ltd 2nd Floor, Salford Civic Centre, Chorley Road, Swinton, Salford, M27 5AW 0161 604 7652 philippa.lane@urbanvision.org.uk</p>
Government Representatives	
Department for Communities and Local Government	<p>Vicky Engelke Planning for Minerals and Sustainable Waste Management Team DCLG Planning Directorate Infrastructure and Environment Division, Third Floor Fry Building, 2 Marsham Street, London SW1P 4DF Tel: 0303 44 41654 Vicky.engelke@communities.gsi.gov.uk</p>
The Crown Estate	<p>Nick Everington The Crown Estate, Marine Minerals, 1 St James's Market, London SW1Y 4AH Nick.Everington@thecrownestate.co.uk</p>

Local Government Representatives	
Barnsley Metropolitan Borough Council	Mark Anderson Environmental Services, Barnsley MBC, Wesgate Plaza, PO Box 601, Barnsley, S Yorkshire S70 9FA
Bradford Metropolitan District Council	Carole Howarth Bradford Metropolitan District Council, 4 th Floor Britannia House, Hall Ings, Bradford BD1 1HX
Calderdale Metropolitan Borough Council	Spatial Planning, Calderdale Metropolitan Borough Council, Development Strategy Team, 2nd Floor Northgate House, Halifax HX1 1UN
Doncaster Metropolitan Borough Council	Helen McCluskie Doncaster Metropolitan Borough Council, Civic Office, Waterdale, Doncaster DN1 3BU
East Riding of Yorkshire Council	James Durham Forward Planning, East Riding of Yorkshire Council, County Hall, Cross Street, Beverley HU17 9BA
Kingston upon Hull	Roger Gray City Planning, Floor 2, The Guildhall, Alfred Gelder Street, Kingston upon Hull, HU1 2AA
Kirklees Council	Glenn Wakefield Kirklees Council, Investment and Regeneration Service, PO Box B93, Civic Centre 3, off Market Street, Huddersfield, HD1 2JR
Leeds City Council	Louise White & Helen Miller Leeds City Council, Leonardo Building, 2 Rossington Street, Leeds LS2 8HD
North East Lincolnshire	Ian King (Engie) New Oxford House, George Street, Grimsby, North East Lincolnshire, DN31 1HB
North Lincolnshire	Iain Cunningham Planning & Regeneration, Places Directorate, North Lincolnshire Council, Civic Centre, Ashby Road, Scunthorpe DN16 1AB
North York Moors National Park Authority	Caroline Skelly North York Moors National Park Authority, The Old Vicarage, Bondgate, Helmsley YO62 5BP
North Yorkshire County Council	Joan Jackson and Vicky Perkin North Yorkshire County Council, Planning Services, County Hall, Northallerton DL7 8AH

Rotherham Metropolitan Borough Council	Ryan Shepherd Rotherham Metropolitan Borough Council, Planning Policy Team, Riverside House, Main Street, Rotherham S60 1AE
Sheffield City Council	Chris Hanson Forward & Area Planning, Howden House, 1 Union Street, Sheffield, S1 2SH
Wakefield Council	Ian Garratt Wakefield Council, Wakefield One, PO Box 700, Wakefield WF1 2EB
City of York Council	No contact available
Yorkshire Dales National Park	Dave Parrish Yorkshire Dales National Park Authority, Yoredale, Bainbridge, Leyburn, North Yorkshire DL8 3EL
Industry Representatives	
Aggregate Industries UK Limited	Geoff Storey Aggregate Industries UK, High Roads, Nether Kellet, Carnforth, Lancashire LA6 1EA
British Aggregate Association	Michael Hodges michael.hodges @breedongroup.com Trefor Evans tevens@british-aggregates.com
British Marine Aggregate Producers Association	Andrew Bellamy BMAPA, UMA House, Shopwhyke Road, Chichester PO20 2AD
CEMEX UK	Kirsten Hannaford-Hill CEMEX, Cemex House, Evreux Way, Rugby CV21 2DT
Hanson Heidelberg Cement Group	Ben Ayres Hanson Aggregates, Clifford House, Wetherby Business Park, York Road, Wetherby, West Yorkshire LS22 7NS
Tarmac	David Atkinson Tarmac, Southfield Lane, Whitwell, Worksop, Derbyshire S80 3LJ
Mineral Products Association	Mark North MPA, Gillingham House, Gillingham Street, London, SW1V 1HU

Appendix 2: AWP Activities

9. Minutes of Yorkshire and Humber AWP Meeting

10. 12th July 2017 11am – 1pm

11. North Yorkshire County Council, County Hall, Northallerton, North Yorkshire, DL7 8AD

Chair: Vicky Perkin North Yorkshire CC

Secretariat: Philippa lane Urban Vision

Attendees:

Carole Howarth	Bradford / WYCA
Geoff Storey	Aggregate Industries
Helen McCluskie	Doncaster MBC
Helen Miller	Leeds
James Barker	Kirklees Council
James Durham	East Riding of Yorkshire
Louise White	Leeds CC
Mark North	MPA
Michael Hodges	BAA
Joan Jackson	North Yorkshire CC
Roger Gray	Hull City Council
Ryan Shepherd	Rotherham MBC

Apologies:

Mark Wrigley	The Crown Estate
Andy Duncan	Rotherham MBC
Chris Hanson	Sheffield
Iain Cunningham	North Lincolnshire Council
Jennifer Downs	Hull CC
Michael Eaglestone	Bradford MBC/WYCA
Rebecca Harrison	York CC
Richard Holmes	Sheffield CC
David Atkinson	Tarmac

Item	Description
1.	Introductions and apologies
2.	Minutes and actions of last meeting
3.	Draft AM 2017 – Presentation of draft report, discussion and agreement of how to approve final report
4	Progress on Local Aggregate Assessments (2016 data) - Ratification of Doncaster and Rotherham LAA 2016 (incorporating 2015 data)
5.	National Coordinating Group – update
6.	Communities and Local Government – update
7.	Crown Estate update
8.	Industry update
9.	MPAs update
10.	AOB
11.	Date of next meeting

1) Introduction and apologies

Vicky Perkin (VP) – Welcomed everyone to the meeting and invites Any Other Business to be discussed at the end

2) Minutes and actions of last meeting

VP – Invited comments. Two typos were raised.

Geoff Storey (GS) – asked for an update of the safeguarding issue discussed under Item 6.

VP - confirmed that this had been discussed at a HOP meeting although not as a formal agenda item.

GS – explained this is an increasing concern for industry and it will be raised at Plan Hearings.

3) Draft AM2017

Philippa Lane (PL) – provided an overview of AM2017.

VP – invited detailed comments on the draft report by email by **16th August** as well as any comments for discussion at the meeting.

Helen Miller (HM) – Asked when marine aggregates can be factored into supply, explaining that this is recognised in the West Yorkshire LAA.

GS – A study undertaken in relation to this showed that the finances for this were unlikely to ‘stack up’ until post-2042 and that this would probably be by rail. The permitted end dates for most producers of RMC or asphalt were before 2042. Swinden Quarry supplies Leeds and is currently applying for an extension of time to 2039.

Carole Howarth (CH) – In relation to the marine aggregates study, is there any further scope regarding landing into Yorkshire?

GS – This is likely to be just small tonnages.

Mark North (MN) – All licences have been confirmed and extended so there is confidence for investors. Therefore there may be more supply in future. Material from the Humber tends to go to Europe.

MN - The executive summary of the AM Report should be expanded, with detail included about any increases/decreases from the previous year.

- Page 8, 3.1 – more context is needed for the 3-year average.
- The report should clarify that landbanks are expressed in years.

4) Progress on Local Aggregate Assessments (2016 data) Ratification of Doncaster and Rotherham LAA 2016 (incorporating 2015 data)

HMc – provided an overview of the Doncaster and Rotherham LAA 2016. This has been sent to stakeholders and amended based on comments received.

CH – asked if the reference in the LAA is to the old West Yorkshire LAA and figures and explained that West Yorkshire is now also importing material from Doncaster. This information was not available when Doncaster and Rotherham were preparing their LAA although it is factually correct for 2015.

HM - agreed to add this information as an addendum.

James Durham (JD) – the list of quarries has been updated and requested HM to update this.

GS – queried the addresses of asphalt plants on page 67 and suggested this should be Tinsley and not Brinsworth.

HS – will check and update if necessary.

VP – The Doncaster and Rotherham LAA 2016 (2015 Data) ratified subject to minor changes.

5) National Coordinating Group – update

PL – provided an update of this meeting, which is planned for 13th October subject to room availability. The meeting will be attended by AWP Chairs and Secretariats and industry representatives and an update will be provided at the next AWP meeting.

6) CLG update

PL – explained that there was no update from CLG.

MN – other AWP are writing to CLG regarding a lack of support. He is concerned that minerals are not seen as important by Government and that there are potential supply issues going forward.

CH – explained that this was raised at the POS meeting and it was not expected to improve.

GS - Any letter should make a connection with housing and associated requirement for mineral, as well as major infrastructure.

7) Crown Estates Update

PL – Mark Wrigley was not able to attend the meeting but had instead provided a summary which was circulated to AWP members.

8) Industry update

MN – An updated had been circulated to AWP and invited discussion. There is an upward trend and this is expected to continue.

- Concerned that the AMRI is no longer done and that there is no certainty regarding the future funding of the AWP and 4-yearly BGS survey. This issue should be flagged up with CLG.
- Would like infrastructure projects to be supported by 'supply audits' to ensure continuity of supply.

VP – Suggested using NPPF/G to justify requesting this information to be submitted with large projects.

9) MPA Updates

CH – North Yorkshire - A Proposed Changes Consultation (clarification, not policy changes) started on 12th July prior to expected submission in November and potential EiP in Spring 2018.

James Barker (JB) – Kirlees - Local Plan submitted in April. The minerals and waste element is separated and the Inspector is Elizabeth Hill.

HM – Leeds -The Site Allocations Plan has been submitted and the hearing is expected in October, although there is no firm date yet.

CH – Bradford – The Core Strategy includes Minerals Policies and there is a separate Waste DPD. The holding direction has been lifted and it is proposed to adopt the Core Strategy on 18th July. The Site Allocations Document will follow this and is expected to take 3 years.

Helen McCluskie (HMc) – Doncaster – informal consultation on housing and employment sites starts on 24th July and a publication version is expected following Committee in November.

RG/JD – Hull and East Riding – Joint Plan proposed submission consultation expected at the end of 2017 with EiP in 2018.

Ryan Shepherd – Rotherham – There is an adopted Core Strategy which includes some minerals aspects and the Site Allocations will include remaining mineral information. Consultation on main modifications will be towards the end of 2017/early 2018 with adoption expected mid-Autum 2018.

10) AOB

MN – raised the issue of the Nottinghamshire Plan and the potential impact on neighbouring areas.

VP – explained that a change in Council had resulted in a shift in priorities and the East Midlands AWP will be observing what is reported in the next LAA.

JD – two documents have been circulated: Draft Humber LAA (2015 data); and the Minerals Plan Aggregate Apportionment Background Paper. Comments are invited by 7th August. There is a slight uplift for sand and gravel figures based on 3-years average sales compared with average 10-years of sales.

HM – supply for East Riding goes to Leeds and there needs to be discussion through the DtC. Will sites for the landing of marine aggregate be safeguarded?

Roger Gray – Hull CC Local Plan included a main modification on safeguarding port facilities. Consultation until 28th July.

GS – commented that there are constraints on shipping material into Leeds relating to the depth and width of water courses.

11) Date and Time of Next Meeting

It was agreed that this should be held in late October or early November following the NCG meeting. PL will circulate suggested dates.

12. Minutes of Yorkshire and Humber AWP Meeting

13. 18th October 2017 11am – 1pm

14. North Yorkshire County Council, County Hall, Northallerton,
North Yorkshire, DL7 8AD

Attendees:

Carole Howarth	Bradford / WYCA
Geoff Storey	Aggregate Industries
Helen McCluskie	Doncaster MBC
James Durham	East Riding of Yorkshire
Louise White	Leeds CC
Nick Horsley	MPA
Michael Hodges	BAA
Joan Jackson	North Yorkshire CC
Ryan Shepherd	Rotherham MBC
Iain Cunningham	North Lincolnshire Council
Carolyn Williams	Urban Vision/NW AWP
Glen Wakefield	Kirklees Council
Stuart Ray	Breedon Southern
Ian Garratt	Wakefield MDC
S Littlejohn	Leeds CC
Dave Parrish	YDNP
Malcolm Ratcliffe	WC Watts
Michael Eaglestone	Bradford MBC/WYCA

Apologies:

Mark Wrigley	The Crown Estate
Andy Duncan	Rotherham MBC
Andy Wainright	East Riding
Helen Miller	Leeds
Mark North	MPA
Mark Wrigley	The Crown Estate
Nick Everington	The Crown Estate
Rebecca Harrison	York CC
Chris Hanson	Sheffield CC
Richard Holmes	Sheffield
David Atkinson	Lafarge Tarmac
Ian King	North East Lincolnshire Council
James Barker	Kirklees Council

Item	Description
1.	Introductions and apologies
2.	Minutes and actions of last meeting
3.	Draft AM 2017 – Discussion and approval of final report
4	Progress on Local Aggregate Assessments (2016 data) <ul style="list-style-type: none"> - East Riding and Hull Aggregates Background Paper - Humber Area Local Aggregates Assessment (2015 Data)
5.	National Coordinating Group – update
6.	Communities and Local Government – update
7.	Crown Estate update
8.	Industry update
9.	MPAs update
10.	AOB
11.	Date of next meeting

12) Introduction and apologies

Vicky Perkin (VP) – Welcomed everyone to the meeting and invited Any Other Business to be discussed at the end

Malcolm Ratcliffe (MR) – requested that Item 5: update from National Coordinating Group meeting be brought forward for discussion as the first Item at the meeting.

13) Minutes and actions of last meeting

VP – Invited comments. Two typos were raised.

5) National Coordinating Group – update

VP provided an update of the recent National Coordinating Group meeting held on 11th October 2017. The meeting was attended by all AWP Chairs, Secretaries, Industry representatives, BGS and CLG. The discussion centred on the approach of CLG to the AWPs and those present raised their critical issues for CLG to take back to Ministers. The current minerals resource at CLG is 0.3 FTE of Vicky Engelke's time and a small amount of Peter Latham's time. Eamon Mythen is no longer involved with minerals matters.

Nick Horsley (NH) – Also attended the meeting and explained that CLG were there to listen. There was a unified approach from AWP's and Industry raising the key issues of:

- Funding
- Need for AMRI and 4-yearly surveys
- Need to identify forward looking apportionments
- Importance of MASS

VP – the link between housing growth, infrastructure and the minerals industry was made to CLG, as well as the risk of there being no financial commitment to the AWP contracts. It was noted that there is currently a disconnect politically with housing need and minerals requirements.

Carolyn Williams (CW) – Chair of NW AWP, also attended the meeting and said that the NAWP is sending a letter to CLG to confirm the need to continue the AWP's. The Statement of Common Ground proposed in the new housing white paper will have implications for minerals and waste planning because areas like Greater Manchester will need to agree with areas where minerals are imported from. Raised with CLG that this would be very difficult without MASS.

VP – asked which other AWP's had written to CLG?

CW – South East and East Midlands

VP – suggested that a letter from all the AWP's might be useful and that this should include data on such issues as the amount of aggregates needed for work on infrastructure projects like the work on the A1 and replenishment rates.

VP and NH – The length of time it takes planning applications to go through the system was raised. If pre-application work is included, this can take 10-15 years and sites cannot be 'turned on and off', it is a slow process with little flexibility. In addition, production capacity is diminishing.

MR – Only relying on a 10-year average risks under-provision and applications on unallocated sites coming forward, there must be a way of identifying a formula for a new apportionment.

CW – Explained that a formula for a new apportionment was discussed at NCG and CLG would welcome any ideas on how this could be done.

NH – The increasing cost of projects in light of a decrease in minerals and the impact on public finance was raised. Replenishment rates of aggregates are low: 60% for sand and gravel, whilst crushed rock looks healthy but currently includes reserves at Glensanda that will drop out of the 10-year supply and this will have a large impact.

CW – Production capacity was raised as important.

NH – Other minerals were raised, e.g. dimension stone. CLG said that NPPF is scheduled for review although no big changes are proposed.

Carole Howarth (CH) – awareness at the Combined Authority of the connection between minerals, housing and infrastructure was being raised.

NH – This connection needs to be made by other bodies and does not feel that Heads of Planning understand the importance of safeguarding urban minerals infrastructure.

ACTION – PL will circulate final minutes of the NCG meeting once these are available.

ACTION – VP to liaise with other AWP Chairs regarding a letter to CLG to raise aggregate issues.

14)Draft AM2017

Philippa Lane (PL) – provided an update, including recent amendments by Helen McCluskie (HMc) of Doncaster.

HMc - explained that the updates were due to a quarry changing hands and the new operator being happier than the old one to provide improved information. This has revealed a much healthier picture.

MR – asked what impact the closure of Finningly Quarry would have?

HMc – Answered that with the improved data the impact of the closure would be less than feared.

Dave Parrish (DP) – Table 4.5, Horton Quarry is permitted until 2042 for extraction of Limestone and High PSV Stone.

Michael Eaglestone (ME) – Barton Quarry now operated by Breedon Northern.

Iain Cunningham (IC) – Table 6.5 – South Ferriby is all industrial chalk. Manton Quarry, limestone, should be added to the table.

Ian Garratt (IG) – Page 25, Park Balk Farm Quarry end date is 2023. Page 24, Darrington Quarry end date is 2029.

Michael Hodges (MH) – Page 24, Dunsville Quarry should be Breedon Southern. Holme Hall Quarry should also be Breedon Southern.

Glen Wakefield (GW) – Add Forge Lane Quarry to table 5.5: sand and gravel, end date – 2024, active and in Kirklees.

MH – Add Duckett Hill Quarry to Table 4.5: Limestone, end date 2042, Breedon North, NYCC.

Louise White (LW) – Page 23, Arthington Quarry end date is 2042, Britannia Quarry is 2042, Hawksworth Quarry is included twice – leave in as Odda Quarry. Odda Lane Quarry end date is 2042. Howley Park Quarry end date is 2042. LW will contact PL regarding end dates of other quarries.

VP – Thanked members for the amendments and suggested a 1-week turnaround for comments on a final draft AWP Report and then it will be approved.

15) Progress on Local Aggregate Assessments (2016 data)

James Durham (JD) and IC – reported that the Humber Area LAA (2015 data) had been circulated for approval.

MR – explained that he could not accept a 3-year average figure being used for forward planning as this is just an indicator. He considers that the 10-year average should be the basis of forecasting and that the LAA should be amended to reflect this. This is also the MPA view. MR requested that the AWP record that Authorities and Industry have given different opinions and do not agree. He does not want a precedent to be set.

CW – does not consider this to be an issue as in this case the 3-year average is higher than the 10-year average and the use of the 3 years for forecasting would be explained within the LAA.

JD – explained that the 3-year average is higher than the pre-recession figure and that the background paper to the LAA provides information on different calculations.

MR – requested additional time for a final review of the LAA, to which JD agreed. A timescale of 10 working days was agreed.

VP – established that all other AWP members were happy with the LAA.

MR, on behalf of W Clifford Watts, stated that he was of a dissenting view to the AWP and is opposed to the use of the 3-year average sales figure as a proxy for an aggregates forecast.

ACTION – MR to provide further comments to JD on this matter within 10 working days

CH – Raised the issue that LAAs are out of step with one another in terms of timetabling.

VP – agreed that in an ideal world LAAs would be produced at the same time but circumstances impact on the ability to produce these on time.

GS – suggested that the real test would be at a Hearing if old data was used.

Joan Jackson (JJ) – Explained that the NYCC 2015 LAA had been published and work is ongoing on the 2016 LAA.

HMc – The Rotherham and Doncaster LAA has been circulated. PL confirmed that this would be circulated to the AWP for comments.

ACTION – PL to circulate Doncaster and Rotherham LAA to AWP Members

CH – Consultation has been done on the West Yorkshire LAA and this will be taken to the portfolio holder in December for ratification. Key issues include landings at wharfs on the Humber which have seen a big increase from 2015 to 2016. There is potential for aggregates to be moved from YDNP to Leeds and the possibility of it moving onwards by rail to Bradford needs to be flagged up.

6) CLG update

PL – explained that there was no specific update from CLG but that the information under Item 5 was relevant for this time.

7) Crown Estates Update

No update

8) Industry update

NH – The NCG meeting is the main news. A paper on the long term supply of aggregates was circulated previously . A regional perspective on this has been requested but MPA are not sure this is possible, although they are looking into this.

9) MPA Updates

VP – North Yorkshire CC Plan has made it through Executive and submission is planned for November.

IC – North Lincolnshire are working on a new Local Plan to 2036. An awareness raising exercise has been done and Issues and Options are expected soon. They are also considering stakeholder events. Approximately 10 sites have been submitted so far as part of a call for sites.

GW – Kirklees EiP on minerals issues will be in November. There are 2 Inspectors, one for M&W matters and one for all other matters. The MIQs have been received by the Council.

CH – Bradford have adopted their Core Strategy and are progressing their Allocations plan.

HMc – Doncaster were expecting to consult on a local Plan in July but the housing figures were challenged and they are waiting for a decision on this.

IG – No change at Wakefield from previous report. Commencing a review but this will be housing-focussed.

LW – Leeds - recalculation of housing targets has impacted on the Site Allocations Plan. The EiP for other areas can progress, but not for housing. The recalculation has a potential impact on the LAA. Looking to review the minerals plan next year.

JD – East Riding are refining their plan and expect Proposed Submission Plan in early 2018.

RS – Rotherham Sites and Policy Document still in examination period and consultation on changes will take place early 2018.

DP – Local Plan Adopted in 2016 Planning Permission granted for Arcow Quarry, 3.1 mt of PSV Stone, rail linked site. Application pending at Swinden Quarry for deepening by 50m and release of 11.3m tonnes of material by 2039.

10) AOB

HMc – requested that the Northern Minerals and Waste Group be discussed under AOB. Asked if it would be beneficial to have a northern version of the M&W Group, which could be held after the AWP or could be a 'Google Group'.

VP – considers such a group would be very useful, especially now that there are so few minerals and waste planning officers. A Google Group might be more practical.

11) Date and Time of Next Meeting

PL to liaise with Vicky and MPA and circulate potential dates for a meeting to be held prior to the end of March 2018.

Appendix 3: Glossary

Apportionment - currently set by the 'National and regional requirements for aggregate provision in England 2005-2020', a specified amount of aggregates to be produced annually on a sub-regional basis.

Core Strategy/Local Plan - a plan setting out the spatial vision for the Local Planning Authority area, the spatial objectives and strategic policies to deliver that vision.

Duty to co-operate - introduced by the Town & Country Planning (Local Planning) (England) Regulations 2012, requires Local Authorities and other public bodies to co-operate on planning issues.

High Specification Aggregate - natural and artificial coarse aggregates which meet the physical test criteria for Polished Stone Value and Aggregate Abrasion Value.

Licence Application Area - areas which are in the process of being developed for new licence dredge areas. These areas are subject to a full environmental impact assessment and public consultation before permission is granted by the Marine Management Organisation.

Licence Option Area - awarded by the Crown Estate following a successful tender by a company seeking to develop a new dredging area. The company is permitted to explore the area for viable resources during a period of 5 years, during which the licence application process must be completed.

Licensed Dredge Area - active licenced dredge areas.

Local Aggregate Assessment – an annual assessment of the demand for and supply of aggregates in a mineral planning authority's area.

Local Plan - sets out a vision and a framework for the future development of the area.

Appendix 4: Acronyms

AM	Annual Monitoring
AMR	Annual Monitoring Report
AWP	Aggregate Working Party
BAA	British Aggregates Association
BGS	British Geological Survey
BMAPA	British Marine Aggregate Producers Association
CDEW	Construction, Demolition and Excavation Waste
CLG	Communities and Local Government
HSA	High Specification Aggregate
LDF	Local Development Framework
MDF	Minerals Development Framework
MLP	Minerals Local Plan
MPA	Mineral Products Association
MPAs	Mineral Planning Authorities
MPG	Minerals Planning Guidance
Mt.	Million Tonnes
NCG	National Co-Ordinating Group
NFDC	National Federation of Demolition Contractors
NPPF	National Planning Policy Framework
NPPG	National Planning Policy Guidance
RPB	Regional Planning Body
RPG	Regional Planning Guidance
UDP	Unitary Development Plan