

Matters, Issues & Questions:

Matter 1: Minerals – Aggregates in General

Question 14 - 15

Aggregates in general

14. Give a very brief overview of how aggregates requirements have been determined. Are there any outstanding issues with the methodology used?

The methodology for identifying future requirements for aggregate is set out in detail in *MEB01 (Local Aggregate Assessment for the North Yorkshire Sub-region - Second Review September 2016 (LAA 2016))*. Appendix 2 of that document explains the methodology in detail and pages 39 and 40, paragraphs 92 and 93 and related Tables 24 and 25, set out how the preferred methodology translates into the scale of provision required to be made in the Plan.

Different approaches to identifying future requirements have been used for sand and gravel and crushed rock, reflecting the different contexts relevant to these two main types of aggregate, as well as views received from the aggregate industry during development of the methodology.

In summary, for sand and gravel, the approach utilises 10 year average sales as a baseline and applies an increment to reflect an allowance for growth in demand arising from increased rates of house building, and to allow for the potential for some increase in demand for resources within the Plan area as a result of supply constraints elsewhere in the vicinity (specifically the West and South Yorkshire sub-regions). This approach has led to an identified total requirement for sand and gravel of 36.6 million tonnes (mt) over the Plan period, at an equivalent annual rate of 2.44mt per annum. These headline figures have been carried forward into the Plan in Policy M02 – *Provision of sand and gravel*. Information derived through preparation of the LAA has also been used to identify the share of the total annual requirement which can be apportioned to sand and gravel for the northwards and southwards distribution areas and for building sand (see *MEB01, Local Aggregates Assessment for North Yorkshire sub-region, second review, Table 24*). In summary, this reflects the average percentage split of sales for each of these subdivisions, based on aggregates sales monitoring data, applied to the total forecast annual sand and gravel figure of 2.44mt. This approach is reflected in Policy M03 – *Overall distribution of sand and gravel provision*. Assumed additional requirements in order to maintain a landbank beyond the end of the plan period have been calculated on the basis that the assumed annual requirement is maintained for the required duration (i.e. 7 years for sand and gravel). Figures derived through this process for sand and gravel are provided in the Plan in Table 1 (page 58) and Table 2 (page 59).

For crushed rock, consultation during development of the methodology and preparation of the LAA led to a simpler approach, reflecting different circumstances applicable to crushed rock, particularly the wider range of supply opportunities in and around the North Yorkshire Sub-region for this form of aggregate. A review of various approaches, including consideration of 10 year and 3 year average sales data and previous sub-regional apportionments, led to the judgement that 3.75mt per annum represents an appropriate basis for strategic planning purposes and this figure has been carried forward into the Plan in Policy M05 – Provision of crushed rock. Consideration of the supply situation relating to the three main types of crushed rock in the Plan area (Carboniferous Limestone, Magnesian Limestone and Jurassic Limestone – see *MEB01 Local Aggregates Assessment for North Yorkshire sub-region, second review* Table 25) further indicated that, based on the historic sales share for each of these types, there is the potential for a shortfall in availability of Magnesian Limestone during the Plan period (*MEB01 Local Aggregates Assessment for North Yorkshire sub-region, second review, Table 25, page 40*). This is also reflected in Policy M05 - *Provision of crushed rock*.

There are no outstanding issues with the methodology, which has been considered and endorsed by the Yorkshire and Humber Aggregates Working (YHAWP) via the LAA.

15. Should references to “minimum” landbank time periods be changed to “at least” to be consistent with national policy? (NPPF paragraph145)

Use of the term “*minimum*” landbank time period is not considered, or intended, to convey a different meaning to the term “*at least*” as used in NPPF Paragraph 145. The text of the Plan (page 51 paragraphs 5.15) clarifies that the approach is intended to deliver a landbank of at least 7 years for sand and gravel. It is also noted that the term “*minimum level*” is utilised in PPG (ID: 27-084-20140306) in the context of aggregate landbanks. A relevant modification will be included in the ‘*Main Modifications*’ document to reflect this.

Prepared by;

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Appendix

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Main Modifications

The modifications below are expressed either in the conventional form of ~~strikethrough~~ for deletions and underlining for additions of text.

The page numbers and paragraph numbering below refer to the submission local plan, and do not take account of the deletion or addition of text.

Ref	Page	Policy/ Paragraph	Main Modification
Q15	51	5.15	Revise 2 nd sentence: ...the precise level of further provision that may be needed in order to maintain a minimum <u>landbank of at least 7 years</u> at 31 December 2030.
Q15	52	M04	Revise 1 st and 2 nd Para of the Policy: A minimum landbank of at least 7 years landbank for concreting... <u>A separate minimum 7 year landbank of at least 7 years will be maintained...</u>
Q15	53	M05	Revise 2 nd Para of the Policy: <u>Additional provision shall be made through a mid-term 5 yearly review of provision in the Plan, if necessary, in order to maintain a minimum-at least a 10 year landbank of crushed rock, including a separate minimum 10 year landbank of at least 10 years for Magnesium Limestone...</u>
Q15	54-55	5.30	Revise 1 st , 2 nd and 4 th sentences of Para: To ensure that an adequate supply of crushed rock (i.e. a

Ref	Page	Policy/ Paragraph	Main Modification
			<p>minimum <u>at least a 10 year landbank</u>) is ...</p> <p>...it is not considered appropriate to specify, at this stage, the level of further provision that may be needed to maintain a minimum 10-year landbank <u>of at least 10 years</u> at 2030.</p> <p>A commitment to maintaining a minimum <u>at least a 10 year landbank</u> of crushed rock throughout the Plan period, including a separate minimum landbank <u>of at least 10 years</u> for Magnesium Limestone...</p>
Q15	55	M06	<p>Revise 1st Para of the Policy:</p> <p>A minimum <u>An overall landbank of at least 10 years will be maintained for crushed rock throughout the Plan period. A separate minimum landbank of at least 10 years landbank will be identified and maintained for Magnesium Limestone crushed rock.</u></p>
Q15	55	5.32	<p>Revise 1st sentence:</p> <p>National Planning Policy requires a landbank of crushed rock sufficient for a minimum <u>at least 10 years</u>...</p>
Q15	59	5.41	<p>Revise 2nd sentence:</p> <p>A further 0.8mt would be required in order to provide a minimum <u>at least a 7 year landbank</u> at 31 December 2030.</p>
Q15	61	5.43	<p>Revise last sentence:</p> <p>A further 15mt of reserves would be required in order to maintain a minimum <u>at least a 10 year landbank</u> ...</p>