

Minerals and Waste Joint Plan - EIP

Matter 1 Aggregates

Supplementary note by the Joint Plan Authorities

North Yorkshire County Council, City of York and North York Moors National Park
Authority Minerals and Waste Joint Plan Examination

Joint Plan Authorities' Supplementary Note for the Inspector in respect of aggregates supply requirements with regard to Matter 1 Minerals MIQ 21 (concreting sand and gravel) MIQs 27, 28, 29 and 30 (crushed rock)

1.0) Introduction

1.1 This note provides further explanation of proposed main modifications to aggregates supply information and requirements set out in the published Plan. Specifically, it presents updated versions of Tables 1 and 3 of the Plan, relating to requirements for concreting sand and gravel and crushed rock respectively, which consolidate relevant changes arising from:

1. CD09 Addendum of Proposed Changes to Publication Draft (July 2017);
2. Further proposed modifications set out in SD01 Schedule of Further Proposed Changes to Publication Draft (November 2017);
3. Further modifications agreed in principle by the Authorities as a result of discussion during the hearing session on Day 1 of the EIP and subsequently to be reflected in the consolidated schedule of main modifications;
4. A recent (post-submission) changed circumstance relating to the reporting of Magnesian Limestone sales and reserves within the Yorkshire and Humber area and the impact this has on the supply position for Magnesian Limestone as presented in the published Plan.

1.2 The information in this note supercedes interim updated information on aggregates requirements as shown in revised versions of MWJP Tables 1, 2 and 3 presented in LPA/37 *Suggested Main Modifications between Submission and MIQs* (February 2018).

1.3 The Authorities do not consider that the information in the note substantially alters any of the responses by the Authorities to relevant Matters, Issues and Questions including in particular:

MIQ21 relating to meeting requirements for concreting sand and gravel (Policy M07);

MIQs 27, 28, 29 and 30 relating to crushed rock requirements (Policy M09).

2.0) Updated MWJP Table 1: Summary of concreting sand and gravel requirements and proposed allocations

2.1 An updated version of MWJP Table 1 is provided below, with comments provided summarising the basis for the changes made.

Summary of concreting sand and gravel requirements and proposed allocations		
	Northwards Distribution	Southwards Distribution
Total estimated requirement over the period 1 January 2016 to 31 December 2030 (million tonnes)	16.5	18.3
Estimated shortfall (balance between permitted reserves at 1 January 2016 and total requirement to 31 December 2030) (million tonnes)	10.3	5.9
Additional reserves required to provide a 7 year landbank at 31 December 2030 (million tonnes)	7.7	8.5
Total estimated reserves available in sites proposed for allocation in Part 1(i) of Policy M07 (million tonnes)	11.4 Comprising: Killerby site MJP21)	6.6 5.8 Comprising: 2.3mt (Langwith Hall Farm site MJP06) 4.3 3.5mt (Land at Pennycroft and Thorneyfields, Ripon site MJP14) Oaklands site Preferred Area MJP07 (tonnage estimate not available)
Total estimated reserves available in sites proposed for allocation in Part 1(ii) of Policy M07 in order to contribute to longer term landbank requirements (million tonnes)	6.7 5.67 Comprising: 3.5mt (Home Farm site MJP33) 3.2 2.17mt (Land south of Catterick site <u>allocation</u> MJP17) and <u>Land south of Catterick additional Preferred Area (tonnage estimate not available)</u>	Estimated requirement to be provided from Areas of Search in the southwards distribution area: 6-8mt depending on scale of any reserves delivered via the Oaklands Preferred Area (MJP07)
Sites with permitted reserves of concreting sand and gravel as at 30 June 2016 (excludes dormant sites)	Scorton Quarry, Bridge Farm (Pallet Hill) Quarry, Manor House Farm Quarry	Marfield Quarry, Ripon Quarry, Ripon City Quarry, Nosterfield Quarry, Wykeham Quarry, Ings Farm

Comment [RS1]: This figure remains as shown in the published Plan and represents the tonnage available in the area subject of the NYCC resolution to grant permission, rather than the reduced figure of 10.65mt resulting from the boundary change PC102 of CD09. This reflects the position agreed in principle in the EIP hearing (Day 1).

Comment [RS2]: This reduced figure reflects modification F10 in SD01, in response to withdrawal by the submitter of part of the proposed allocation area for MJP14 Land at Pennycroft and Thorneyfields.

Comment [RS3]: This reflects modification F10 in SD01, in response to withdrawal by the submitter of part of the proposed allocation area for MJP14 Land at Pennycroft and Thorneyfields.

Comment [RS4]: This reflects the boundary change to the MJP17 site allocation area for Land South of Catterick (PC104 of CD09) in response to Historic England representations.

Comment [RS5]: This reflects the boundary change to the MJP17 site allocation area for Land South of Catterick (PC104 of CD09) in response to Historic England representations.

Comment [RS6]: This reflects the position agreed in principle in the EIP hearing (Day 1) to identify the area removed from site allocation MJP17, as a result of PC104, as a preferred area instead.

3.0) Updated MWJP Table 3: Summary of Crushed Rock requirements and proposed allocations.

3.1 Table 3 has been revised and expanded to present information on the supply position for each of the three main types of crushed rock, as well as the position for crushed rock in total. Revisions have also been made to the figures relating to Magnesian Limestone (with consequential changes to the overall position for crushed rock). This reflects a recent change (post-dating submission of the Plan) in the reporting of sales and reserves for Magnesian Limestone. Further explanation of this matter is provided in Part 4) of this Note.

Summary of crushed rock requirements and allocations	
Rock type	Million tonnes
a) Crushed rock (total)	
Total estimated requirement over the Plan period 1 January 2016 to 31 December 2030 at 3.75 3.45 million tonnes per annum.	56.3 51.8
Additional requirement to maintain 10 year landbank at 31 December 2030	37.5 34.5
Total requirement	93.8 86.3
Permitted reserves at 1 January 2016	95.4 91.9
Residual shortfall to be met through the Plan	nil
Total volume of reserves in allocations via Policy M09	16.2 (sites MJP08, MJP10, MJP11, MJP23, MJP28 and MJP29).
b) Carboniferous Limestone	
Total estimated requirement over the Plan period 1 January 2016 to 31 December 2030 at 1.76 million tonnes per annum.	26.4
Additional requirement to maintain 10 year landbank at 31 December 2030	17.6
Total requirement	44.0
Permitted reserves at 1 January 2016	71.5
Residual shortfall to be met through the Plan	nil
Total volume of reserves in allocations via Policy M09	nil
c) Magnesian Limestone	
Total estimated requirement over the Plan period 1 January 2016 to 31 December 2030 at 1.50 1.20 million tonnes per annum.	22.5 18.0
Additional requirement to maintain 10 year landbank at 31 December 2030	15.0 12.0
Total requirement	37.5 30.0
Permitted reserves at 1 January 2016	14.4 11.1
Residual shortfall to be met through the Plan	23.1 18.9
Total volume of reserves in allocations via Policy M09	14.5 comprising: 7.0 part 1 (sites MJP23, MJP28 and MJP29) 7.5 part 2 (sites MJP10 and MJP11)
d) Jurassic Limestone	
Total estimated requirement over the Plan period 1 January 2016 to 31 December 2030 at 0.45 million tonnes per annum.	6.8
Additional requirement to maintain 10 year landbank at 31 December 2030	4.5

Comment [RS7]: The scope of this Table has been widened and re-structured to present information on requirements for crushed rock (total) and for each of the three main types of crushed rock, as well as to provide greater clarity, to reflect the position agreed in principle in the EIP hearing

Comment [RS8]: Figures for crushed rock (total) have been revised to reflect corresponding changes to Magnesian Limestone (see comment RS10 below)

Comment [RS9]: This figure represents the reserve figure for 1 January 2017, to which recorded sales for Magnesian Limestone for 2016 have been added back in to provide an adjusted figure for 1 January 2016 (see explanation in Part 4 of this note)

Comment [RS10]: Figures for Magnesian Limestone revised in response to changed reporting position as summarised later in Part 4) of this note

Comment [RS11]: This figure represents the reserve figure for 1 January 2017, to which recorded sales for Magnesian Limestone for 2016 have been added back in to provide an adjusted figure for 1 January 2016 (see explanation in Part 4 of this note)

Total requirement	11.3	
Permitted reserves at 1 January 2016	9.5	
Residual shortfall to be met through the Plan	1.8	
Total volume of reserves in allocations via Policy M09	1.7 (MJP08)	
Sites with permitted reserves of crushed rock as at 30 June 2016 (excludes dormant sites)		
Carboniferous Limestone: Skipton Rock Quarry Pateley Bridge Quarry Barton Quarry Forcett Quarry Leyburn Quarry Wensley Quarry Low Grange Quarry	Magnesian Limestone: Gebdykes Quarry Potgate Quarry Jackdaw Crag Quarry Brotherton Quarry Newthorpe Quarry Went Edge Quarry Barnsdale Bar Quarry	Jurassic Limestone: Newbridge Quarry Settrington Quarry Wath Quarry Whitewall Quarry Hovingham Quarry

Table 3: Summary of crushed rock requirements and allocations

Comment [RS12]: Title changed to reflect expanded role of MWJP Table 3

4.0) Explanation of the position relating to reporting of Magnesian Limestone sales and reserves and the implications for figures presented in the MWJP.

4.1 Since submission of the Plan, the position relating to Magnesian Limestone has been impacted by a change to the reporting of sales and reserves data.

4.2 For the years 2013 to 2015 inclusive, reserves and sales of Magnesian Limestone within Wakefield local authority area (in West Yorkshire) have been included within North Yorkshire's data, as reflected in the data in Tables 3 and 6 of the Local Aggregates Assessment (LAA) (September 2016) (MEB01). This position reflected the need at the time to maintain confidentiality in reporting of data, due to the very limited number of sites and operators in Wakefield. It also reflected the fact that the main Magnesian Limestone quarry in Wakefield is located adjacent to the NYCC boundary, and reserves there are currently worked through a processing plant on the NYCC side of the boundary.

4.3 In order to maintain confidentiality, sales and reserves from Wakefield were therefore incorporated within NYCC data for LAA and Aggregates Working Party (AWP) purposes, therefore feeding into related figures included in the publication version of the Plan.

4.4 Recently, Authorities within West Yorkshire have resolved reporting issues, and data for sales and reserves within Wakefield are to be reported in aggregates monitoring reports and LAAs for the West Yorkshire Sub-region.

4.5 To avoid double counting of sales and reserves across the wider area, data for North Yorkshire for the end of 2016, as reported in the draft 2017 NY sub-region LAA update (Tables 3 and 6, see LPA/05) no longer include sales or reserves from Wakefield. This is reflected in a significant drop in reserves of Magnesian Limestone as previously reported for

North Yorkshire, but also means that sales (and hence forecast future requirements for Magnesian Limestone from North Yorkshire) will also be lower.

4.6 The implications of this change in terms of the information presented in Table 3 of the published Plan are summarised below.

a) The publication Joint Plan assumed annual requirement for Magnesian Limestone is 1.5 mt.

b) Review of LPA/05 Table 3 indicates that the effect of including sales from Wakefield within North Yorkshire data was to inflate reported sales of Magnesian Limestone (and hence also total crushed rock sales) by around 0.3mt per annum. Removal of this component of sales from the North Yorkshire data would therefore lead to a reduction in the assumed annual North Yorkshire sales requirement for Magnesian Limestone to 1.2 mt, with a corresponding reduction in the total crushed rock requirement from 3.75mt to 3.45mt.

c) LPA/05 Table 6 shows that North Yorkshire reserves of Magnesian Limestone at the end of 2016 (and therefore excluding any component from Wakefield) were 9.9mt, compared with a figure of 14.37mt at end 2015 (MEB01, Table 6). This partly reflects the reassignment of reserves to the West Yorkshire area.

d) As the base date for calculating requirements for the Plan is 1 January 2016, the reserves figure for the end of 2016 can be adjusted to derive a figure for the end of 2015 by adding back in 2016 sales of 1.2mt (LPA/05 Table 3), leading to an estimated North Yorkshire only reserve figure at the end of 2015 of 11.1mt (ie 9.9mt+1.2mt) to provide a base figure for the purposes of the Plan.

e) For comparison, the effect of this changed position on the requirements for Magnesian Limestone as presented in the original version of Table 3 in the published Plan is shown below, in which an additional comment column has been included to indicate the implications.

Summary of Magnesian Limestone requirements and proposed allocations		Comment
	Published Plan figure	Revised figure
Total estimated requirement over the period 1 January 2016 to 31 December 2030 (million tonnes)	22.5	Changes to 18.0 (ie 1.2mt x 15 years)
Estimated shortfall (balance between permitted reserves at 1 January 2016 and total requirement to 31 December 2030 (million tonnes)	7.4	Changes to 6.9 (ie 18.0 – 11.1mt estimated reserves at 1 January 2016)
Additional reserves required to provide a 10 year landbank at 31 December 2030 (million tonnes)	15.0	Changes to 12.0 (ie 1.2 x 10 years)
Total estimated reserves available in sites proposed for allocation in Part 1 of Policy M09	7.0 (MJP23, MJP28, MJP2)	Unchanged
Total estimated reserves available in sites proposed for allocation in Part 2 of Policy M09	7.5 (MJP11, MJP10)	Unchanged
Sites with permitted reserves as at 30 June 2016	Gebdykes Quarry, Potgate Quarry, Jackdaw Crag Quarry, Brotherton Quarry, Newthorpe Quarry, Went Edge Quarry, Barnsdale Bar Quarry	Unchanged

Table 3 Summary of Magnesian Limestone requirements and proposed allocations

f) The overall effect is to reduce the residual shortfall for Magnesian Limestone, as derived from the version of Table 3 in the published MWJP, from 7.9mt (ie 7.4 + 15.0 total requirement - 14.5 in allocations) to 4.4mt (ie. 6.9 + 12 total requirement – 14.5 in allocations).

g) This change in the residual shortfall is relevant to the specific numerical information referred to in the response given by the Authority to Q30 of MIQs but does not alter the substantive position regarding the approach in the MWJP to the supply of Magnesian Limestone.

h) As Magnesian Limestone represents a component of total crushed rock supply, it is necessary to make a corresponding adjustment to the total crushed rock figures previously shown in Table 3. The effect of this adjustment is shown in the Table in Part 2) of this note. This adjustment does not change the substantive position in relation to the overall supply of crushed rock, in that permitted reserves, together with additional reserves in site allocations, are sufficient to cover the plan period and a 10 year landbank at 31 December 2030.