



**Nottinghamshire
County Council**

Nottinghamshire Minerals Local Plan

Options development
document January 2018



Purpose of the document

Following the Nottinghamshire Minerals Local Plan Issues and Options consultation, this is a working document which has been prepared to ensure that all possible options have been identified and adequate evidence has been gathered to assist in determining which options are the most appropriate to take forward and why alternative options should be discounted. It will also ensure that the key strategic issues identified in the Issues and Options consultation document are addressed by the preferred options.

1. Estimating future demand for aggregate minerals

Issue	How should we forecast future demand for aggregates over the Plan period?
Options	<ul style="list-style-type: none">A. Use the Local Aggregates Assessment (LAA) average 10 year sales figure for all types of aggregatesB. Use an alternative realistic and deliverable methodology for all types of aggregates which produces a lower figure than Option AC. Use an alternative realistic and deliverable methodology for all types of aggregates which produces a higher figure than Option AD. Use different methodologies for different aggregates.
Evidence needed to make decision	<ul style="list-style-type: none">• Sustainability Appraisal (SA) results• Local Aggregate Assessment• Availability of potential reserves• Social / environmental considerations• Economic context• Feedback from Aggregate Working Party• Meetings with other MPAs• Feedback from Issues & Options (Q4 & Q5)• Stakeholder groups: industry.

2. Approach to new mineral development

Issue	What approach should be adopted when identifying adequate minerals provision in the Plan?
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Options	<ul style="list-style-type: none"> A. Prioritise extensions to existing permitted quarries B. Prioritise new greenfield sites C. Allocate sites based on their individual merits D. Use criteria based policy approach for all mineral types E. Consider on a mineral by mineral basis.
Evidence needed to make decision	<ul style="list-style-type: none"> • Sustainability Appraisal (SA) results • Do sites exist for all mineral types? • Assessments of sites to establish if all proposals are suitable • Amount of mineral needed over Plan period • Feedback from Issues & Options (Q6 & Q7).

3. Sand & gravel provision

Issue	What should the Plan's approach be to the location of future sand and gravel quarries?
Options	<ul style="list-style-type: none"> A. Geographical spread across the County B. Prioritise specific areas C. Prioritise locations with potential for transporting sand and gravel by river barge D. Allocate sites based on their individual merits E. Use criteria based policy approach.
Evidence needed to make decision	<ul style="list-style-type: none"> • Sustainability Appraisal (SA) results • Assessment of sites – suitability/availability/quantity of mineral in each area • Markets supplied by each area • Average distance mineral transported • Social & environmental impacts of sites • Feedback from Issues & Options (Q8, Q9 & Q10) • <i>Strategic area assessment?</i> • Stakeholder groups: industry, biodiversity.

4. Sherwood Sandstone

Issue	What should the Plan's approach be to the location of future Sherwood Sandstone quarries?
Options	<ul style="list-style-type: none">A. Prioritise extensions to existing permitted quarriesB. Prioritise new greenfield sitesC. Allocate sites based on their individual meritsD. Use criteria based policy approach.
Evidence needed to make decision	<ul style="list-style-type: none">• Sustainability Appraisal (SA) results• Local Aggregate Assessment• Assessment of social / environmental impacts of sites• Feedback from Issues & Options (Q11)• Location of main markets• Stakeholder group – industry• Evidence about the different types of sand.

5. Crushed rock (limestone)

Issue	Whilst there is currently no evidence to suggest that there will be a shortage of crushed rock reserves over the Plan period, if additional reserves will be required to meet demand this needs to be addressed in the Plan.
Options	<ul style="list-style-type: none">A. Allocate site(s)B. Criteria based policy subject to need for additional provisionC. Combination of site allocations and criteria based policy (subject to need).

Evidence needed to make decision	<ul style="list-style-type: none"> • Site specific assessments • Sustainability Appraisal (SA) results • Feedback from Issues and Options (Q12 &13) • Assessment of social / environmental impacts of sites • Local Aggregate Assessment • <i>(World Heritage site status of Creswell Crags and impact on any potential quarry-Mainly for industrial dolomite)</i> • Cross boundary issues – meetings with Derbyshire • Site specific consultation – only if sites are to be included in Plan.
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6. Alternative aggregates

Issue	How should the Plan deal with alternative aggregates? There is limited opportunity for further growth, although new technology could bring about new methods/demand in the future.
Options	<p>A. Include a policy to promote the use of alternative aggregates</p> <p>B. Do not include a policy on alternative aggregates.</p>
Evidence needed to make decision	<ul style="list-style-type: none"> • National / regional production • Sites that have been permitted in Nottinghamshire • Types of traditional end uses / new uses coming online • Sustainability Appraisal (SA) results • Feedback from Issues & Options (Q14).

7. Brick clay

Issue	How should brick clay reserves and brick works be identified to ensure adequate supply over the Plan period?
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Options	<p>A. Allocate sites / extensions</p> <p>B. Criteria based policy</p> <p>C. Combination of allocations and criteria based policy.</p>
Evidence needed to make decision	<ul style="list-style-type: none"> • Assessment of sites • Demand for mineral • Feedback from Issues & Options (Q15 & Q16) • Sustainability Appraisal (SA) results • Assessment of social and environmental impacts • Further meetings with industry, site specific consultation with parish councils.

8. Gypsum

Issue	How should adequate gypsum reserves be identified to meet demand over the Plan period?
Options	<p>A. Allocate sites/extensions</p> <p>B. Use criteria based policy approach.</p>
Evidence needed to make decision	<ul style="list-style-type: none"> • Site specific assessment • Feedback from Issues & Options (Q17 & Q18) • Sustainability Appraisal (SA) results • Specific consultation with industry • Assessment of potential reserve areas.

9. Silica sand

Issue	Whilst there should not be a shortage of silica sand reserves over the Plan period, if additional reserves will be required to meet demand how should this be addressed in the Plan?
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Options	<p>A. Criteria based policy subject to need for additional provision</p> <p>B. Identify broad locations</p> <p>C. Rely on development management policies.</p>
Evidence needed to make decision	<ul style="list-style-type: none"> • Feedback from Issues & Options (Q19) • Sustainability Appraisal (SA) results • Assessment of demand.

10. Industrial dolomite

Issue	<p>Industrial dolomite extraction has not taken place in Nottinghamshire before. The Plan will need to address if and how the mineral can be extracted as the main reserves are only found in an environmentally sensitive area.</p>
Options	<p>A. Allocate sites</p> <p>B. Use criteria based policy approach.</p>
Evidence needed to make decision	<ul style="list-style-type: none"> • Site specific information/ assessments • Assessment of demand • Social & environmental assessments • Feedback from Issues and Options (Q20) • Sustainability Appraisal (SA) results • Cross boundary issues – work with Derbyshire CC • Impact on World Heritage Site • Work with relevant organisations: Natural England, Derbyshire CC, Parish Councils.

11. Building stone

Issue	
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	How should the Plan identify future building stone reserves to meet local demand?
Options	<p>A. Allocate sites / extensions</p> <p>B. Use a criteria based policy approach</p> <p>C. Combination of site allocations and criteria based policy.</p>
Evidence needed to make decision	<ul style="list-style-type: none"> • Feedback from Issues and Options (Q21 & Q22) • Sustainability Appraisal (SA) results • National guidance.

12. Coal provision

Issue	Should a broadly positive stance be adopted to cover any future requirements for coal provision or reworking of spoil tips/lagoons?
Options	<p>A. Use a criteria based policy approach</p> <p>B. Rely on development management policies.</p>
Evidence needed to make decision	<ul style="list-style-type: none"> • Feedback from Issues and Options (Q23) • Sustainability Appraisal (SA) results • Assessment of any sites put forward • Assessment of any remaining potential in the County.

13. Hydrocarbons provision

Issue	What approach should the Plan set out towards hydrocarbons?
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Options	<p>A. Use a single criteria based policy approach for all hydrocarbons</p> <p>B. Have separate criteria based policies for each type of hydrocarbon</p> <p>C. Allocate sites.</p>
Evidence needed to make decision	<ul style="list-style-type: none"> • Feedback from Issues and Options (Q24) • Sustainability Appraisal (SA) results • Identify sites (if any put forward) • National guidance

14. Development Management policies

Issue	How should development management policies be dealt with in the Plan?
Options	<p>A. Develop specific policies for specific topic areas</p> <p>B. Develop criteria based policies for broad groupings of topic areas.</p>
Evidence needed to make decision	<ul style="list-style-type: none"> • Feedback from Issues and Options (Q25) • Sustainability Appraisal (SA) results • National guidance

15. Minerals Safeguarding and Consultation Areas

Issue	What approach should be taken to safeguarding minerals?
Options	<p>A. Safeguard all mineral resources</p> <p>B. Safeguard economically important mineral resources.</p>
Evidence	

needed to make decision	<ul style="list-style-type: none">• Feedback from Issues and Options (Q26)• Sustainability Appraisal (SA) results• National guidance• Mineral resource maps.
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