Nottinghamshire County Council

Nottinghamshire Minerals Local Plan

Background Paper

Delivery Schedule – Sand and Gravel

May 2014

Background paper – Sand and Gravel Delivery Schedule

This background paper contains the delivery schedule for sand and gravel provision during the plan period (2012 to 2030).

A range of background papers have been prepared which set out in detail the particular issues faced by each mineral and some other key topic areas as follows:

Background papers – specific minerals

- Aggregates -estimating future requirements to 2030
- Aggregates - sand and gravel. Options for meeting shortfalls
- Aggregates -Sherwood Sandstone. Options for meeting shortfalls
- Aggregates - limestone (crushed rock). Options for future provision
- Alternative aggregates
- Brick clay
- Gypsum
- Building stone
- Industrial dolomite
- Silica sand
- Coal
- Hydrocarbons – oil and gas

Background papers - other issues

- Site selection methodology
- Minerals safeguarding
- Biodiversity
- Landscape character
- Archaeology
- Development management policies

All of these documents are available on the County Council website or by contacting the Planning Policy team.

Context

Minerals are an important natural resource and are essential to maintain our way of life from building homes, offices and roads to providing electricity and heat. The Minerals Local Plan identifies adequate reserves through allocations of specific land for a range of minerals that are deliverable, achievable and in the most sustainable and suitable locations to provide a steady and adequate supply of mineral over the plan period.

In geological terms the sand and gravel resource is extensive, located in the Trent and Idle river valleys. Within the Trent Valley, production has historically been concentrated around Nottingham and Newark.

Government guidance through the National Planning Policy Framework (NPPF) states that sites included in a Local Plan should be realistic, deliverable and achievable.

Based on the average production figures set out in the Local Plan an estimated 49 million tonnes of sand and gravel over the plan period need to be provided.

There are currently 11 permitted sand and gravel sites located around the county containing estimated reserves of 19.3 million tonnes. Whilst these sites will initially help to maintain a seven year landbank and ensure continuity of supplies, there is a need to secure additional reserves over the Plan period.

Using the annual production figures and the estimated Sand and Gravel reserves from 2011 it is estimated that the County needs to provide an additional 30 million tonnes of sand and gravel up until 2030.

Since 2011, 4 extensions to existing sites have been permitted providing an additional 636,000 tonnes and are set out below:

Permission was granted in January 2014 for 2 fishing lakes at Lodge Farm close to Scrooby. This has resulted in the release of an estimated 36,000 tonnes of sand and gravel which will be processed through the Scrooby quarry processing plant. The identified allocations (MP2c and MP2d) are unaffected by this permission.

Two extensions have been permitted to the Bawtry Rd quarry near Misson. In 2011 a 3 year extension containing 80,000 tonnes was permitted followed by a further 5 year extension containing 130,000 tonnes in 2013. The 2013 extension reduces the size of the allocation (MP2b) identified the Preferred Approach document, however this doesn’t affect long term provision as the revised allocation still goes beyond the plan period.

An extension to East Leake quarry was permitted in 2013. This has resulted in the provision of an estimated 390,000 tonnes of sand and gravel. The Identified allocations (MP2j and MP2k) are unaffected by this permission.

Policy MP2 (Sand and Gravel Provision) of the Local Plan identifies 12 extensions to existing sites and 5 new sites which will aim to provide adequate reserves of sand and gravel to meet the demand over the plan period. Together these sites are estimated to provide 29.24 million tonnes of reserves. The delivery schedule (below) considers how and when each of the extensions and new sites will contribute to the shortfall.

The delivery schedule has been developed to take into account existing permitted reserves and when these would be exhausted. The schedule also identifies when the new sites and extensions would provide the reserves over the plan period.

The information contained within the delivery schedule has either been obtained directly from the relevant operators or using assumptions based on existing planning permissions – this is clarified in the schedule (below).

DELIVERY SCHEDULE

	Annual Output ('000 tonnes per annum)																		
Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**
Site																			
Misson West	15	15	15	15	15	15	15												
Newington South	200	200	200	200	200	200	100												
Barnby Moor							110	220	220	220	220	110							
Finningley	400	400	350	50															
Finningley extension[1]			160	450	0	0	160												
Sturton Le Steeple							100	300	400	500	500	500	500	500	500	500	500	500	500
Botany Bay								200	200	200	200	200	200	200	200	200	200	200	200
Bawtry Road	26	52	52	26	26	26													
Bawtry Road North							40	40	40	40	40	40	40	40	40	40	40	40	40
Scrooby[2]			18	9	9														
Scrooby North							80	80	80	80	80	80	80	80					
Scrooby South															80	80	80	80	80
Cromwell				200	200	200	200	200	200	200	200	200	200	200	200				
Cromwell South																200	200	200	200
Coddington												500	500	500	500	500	500	500	500
Besthorpe	200	200	200	200	200	200													
Besthorpe East							200	200	200	200	200	200	200	200	200	200			
Besthorpe South																	200	200	200
Girton	50	15	50	50	50	150	200	200	200	200	200	200	200	200	200	200	200	200	200
Langford Lowfields	500	500	500	200															
Langford South				300	500	500	500	500	500	500	500								
Langford West												500	500	250					
Langford North														250	500	500	500	500	250
Flash Farm					250	250	250	250	250	250	250	250	250	250	250	250	80		
Barton in Fabis						220	220	220	220	220	220	220	220	220	220	220	220	220	
East Leake	180	180	180	180	180														
East Leake East						180	180	180	180	180	180	180	180	180	180	180	180	180	
East Leake North																			180

Key

Permitted sites

Extensions

New sites

Notes/assumptions

Due to reasons of confidentiality, the breakdown of the 19.3 million tonnes of permitted reserves established from operator returns at December 2011 cannot be broken down to a site by site basis. The data in this table has therefore been sourced from, where possible, up to date, publicly available information from operators (either gained from responses to the Minerals Local Plan Preferred Approach consultation or submitted as part of recent planning applications). Where this was not available, figures from original planning applications have had to be used. There is therefore a distinct discrepancy between the 19 .3 million tonnes and the total figure for permitted sites in this table. The figures shown in the table should be treated only as an indicative illustration of the predicted output.

It has been assumed that extensions of time for existing sites will be granted where needed to work entirety of remaining reserves

Footnotes

1 Output tonnage for 2016-2017 is zero as during these years the operations and output will be in Doncaster.

2 Output tonnage for 2012-2013 is zero as the most recently worked part of the site is now worked out and in restoration. The output showing for 2014-2016 is from recent permission for two fishing lakes within the existing site boundary.