

SUMMONS TO COUNCIL

date Thursday, 11 July 2019
commencing at 10:30

venue County Hall, West Bridgford,
Nottingham

You are hereby requested to attend the above Meeting to be held at the time/place and on the date mentioned above for the purpose of transacting the business on the Agenda as under.



Chief Executive

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|-----------|--|---------|
| 1 | Minutes of the last meeting held on 16 May 2019 | 9 - 20 |
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| 2 | Apologies for Absence | |
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| 3 | Declarations of Interests by Members and Officers:- (see note below)
(a) Disclosable Pecuniary Interests
(b) Private Interests (pecuniary and non-pecuniary) | |
| 4 | Chairman's Business
a) Presentation of Awards/Certificates (if any) | |
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| 5 | Constituency Issues (see note 4) | |
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| 6a | Presentation of Petitions (if any) (see note 5 below) | |
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| 6b | Responses to Petitions Presented to the Chairman of the County Council | 21 - 34 |
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| 7 | Management Accounts 18-19 | 35 - 60 |

8	Nottinghamshire Minerals Local Plan - Publication Version	61 - 260
9	Questions	
	a) Questions to Nottinghamshire and City of Nottingham Fire Authority	
	b) Questions to Committee Chairmen	
10	NOTICE OF MOTION	

MOTION ONE

In 2018, the County Councils Network (CCN) commissioned PricewaterhouseCoopers (PwC) to conduct an *Independent Review of Local Government Spending Need and Funding*, to which Nottinghamshire County Council contributed a significant amount of data and information. The report was published in May 2019 and a copy is available on the County Councils Network website at: <https://www.countycouncilsnetwork.org.uk>

This Council, as a CCN member, agrees with the key conclusions from the PwC report, that:-

- the current local government funding model does not reflect underlying spending need, which is driven by huge increases in demand for services and the increased cost of delivering those services;
- the scale of these funding pressures varies across different tiers of local government, with CCN authorities being the most exposed and having the fewest options available to resolve the problem;
- all future Government decisions in relation to local government funding need to take account of the relative spending need of councils, recognising variations in demand for services, the cost of their delivery and the ability of councils to provide a consistent level and quality of service.

This Council, through the Council Leader, will write to the Chancellor of the Exchequer and the Secretary of State for Housing, Communities & Local Government, in support of the CCN's "Key Asks", which are that:-

- Government must provide substantial extra funding for local councils to preserve and enhance local services, with this funding being prioritised on the areas that face the biggest cost pressures;
- the Fair Funding Review should proceed to implementation and must address the underfunding of county areas in comparison with other parts of the country;
- the Spending Review should consider wider reforms to the local government system, including New Homes Bonus and a higher share of locally retained business rates.

Councillor Richard Jackson

Councillor Reg Adair

MOTION TWO

'This Council instructs the Communities & Place Review & Development Committee to investigate the feasibility of a number of measures that could minimise our negative impact on the natural environment and protect and enhance wildlife throughout Nottinghamshire, including:-

- a revised trial of grass cutting on rural roadsides, so that only a small strip of vegetation along road verges would be cut back annually to maintain safe sight lines for traffic;
- a review of our weed spraying policy, analysing the extent to which chemical treatments may be contaminating soil and leaching into water courses, and how to prevent any such occurrence;
- a review of our tree and hedgerow maintenance policy, to determine whether a less aggressive pruning and pollarding regime would be practical and beneficial; and
- an examination of our capacity to plant more trees on Nottinghamshire County Council land, increasing greenery and improving air quality for the benefit of current and future generations.

This Council instructs the Communities & Place Review & Development Committee to report its findings and recommendations to Policy Committee for consideration and decision.

Councillor John Cottee Councillor Sue Saddington

MOTION THREE

On 10th June 2019, the BBC informed viewers that free TV licences for over 75's will be scrapped for those not on pension credit.

This council recognises that this action will have a significant detrimental impact to some of our most vulnerable elderly residents across Nottinghamshire.

This council resolves to write to the Secretary of State for Digital, Culture, Media and Sport to ask him to consider the consequences of these actions and to request that they reconsider the 2015 decision to no longer fund TV licences for over 75's.

This council further resolves to write to the BBC to request that they too reconsider their recent decision.

Councillor Alan Rhodes Councillor Kate Foale

MOTION FOUR

This Council notes the crisis in Social Care and further notes the multiple delays to the green paper on Adult Social Care. The green paper was first promised in the March 2017 budget as a route to a more secure and sustainable system – it has now been delayed numerous times – Ministers citing ‘Brexit’ as the main reason.

The green paper aimed to confront two issues: chronic underfunding of the existing means-tested care system caused by the huge cuts in government funding to councils since 2010 and the urgent need to protect self-funding people outside the current system from catastrophic care costs.

This Council further notes:

(1) The proportion of the council’s budget spent on Adult Social Care in 2019/20 is 35p in every £1 of Council expenditure. This amounts to £356 million pounds this financial year. This is £11.9 million more than this County Council expected to raise in Council Tax this year. This is unsustainable.

(2) The Association of Directors of Adult Social Services recent statement that social care in England was adrift in a “sea of inertia” caused by years of budget cuts and that “The system is not only failing financially, it is failing people.”

(3) That this is causing significant pressure on the finances of Nottinghamshire County Council - becoming this Council’s single biggest expenditure.

(4) The importance of a reformed funding system to give Councils like Nottinghamshire the financial certainty to address the underlying problems.

(5) That delays to the green paper make it impossible for Councils like Nottinghamshire to plan ahead and deal with the biggest crisis we face.

(6) That the funding crisis, in particular the failure to publish the green paper caused by Brexit-related policy paralysis is putting untold Nottinghamshire residents at risk with un-met care needs.

This Council therefore resolves to instruct the Leaders of the Ashfield Independents, the Conservatives and Labour Parties on Nottinghamshire County Council to write to the Secretary of State for Health and Social Care setting out the consequences of the Government’s failure to get to grip with funding social care, calls for emergency parachute payments to Councils, calls for a timetable for the publication of the green paper and to reiterate our call for this to be published as soon as possible so we can deal with the biggest catastrophe facing Nottinghamshire County Council.

Councillor Jason Zadrozny

Councillor David Martin

11 ADJOURNMENT DEBATE
(if any)

Notes:-

(A) For Councillors

(1) Members will be informed of the date and time of their Group meeting for Council by their Group Researcher.

(2) The Chairman has agreed that the Council will adjourn for lunch at their discretion.

(3) (a) Persons making a declaration of interest should have regard to the Code of Conduct and the Procedure Rules for Meetings of the Full Council. Those declaring must indicate whether their interest is a disclosable pecuniary interest or a private interest and the reasons for the declaration.

(b) Any member or officer who declares a disclosable pecuniary interest in an item must withdraw from the meeting during discussion and voting upon it, unless a dispensation has been granted. Members or officers requiring clarification on whether to make a declaration of interest are invited to contact the Monitoring Officer or Democratic Services prior to the meeting.

(c) Declarations of interest will be recorded and included in the minutes of this meeting and it is therefore important that clear details are given by members and others in turn, to enable Democratic Services to record accurate information.

(4) At any Full Council meeting except the annual meeting, a special meeting and the budget meeting, Members are given an opportunity to speak for up to three minutes on any issue which specifically relates to their division and is relevant to the services provided by the County Council. These speeches must relate specifically to the area the Member represents and should not be of a general nature. They are constituency speeches and therefore must relate to constituency issues only. This is an opportunity simply to air these issues in a Council meeting. It will not give rise to a debate on the issues or a question or answer session. There is a maximum time limit of 30 minutes for this item.

(5) Members are reminded that petitions can be presented from their seat with a 1 minute time limit set on introducing the petition.

(6) Members are reminded that these papers may be recycled. Appropriate containers are located in the respective secretariats.

(7) Commonly used points of order

21 – Constituency issues must be about issues which specifically relate to the Member's decision and is relevant to the services provided by the County Council

37 – Supplementary Questions must be on the same matter

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49 – The Member has spoken for more than 10 minutes

51 – The Member is not speaking to the subject under discussion

Meeting COUNTY COUNCIL

Date Thursday, 16 May 2019 (10.30 am – 3.42 pm)

Membership

Persons absent are marked with 'A'

COUNCILLORS

Mrs Sue Saddington (Chairman)

Kevin Rostance (Vice-Chairman)

Reg Adair
Pauline Allan
Chris Barnfather
Joyce Bosnjak
Ben Bradley
Nicki Brooks
Andrew Brown
Richard Butler
Steve Carr
John Clarke
Neil Clarke MBE
John Cottee
Jim Creamer
Mrs Kay Cutts MBE
Samantha Deakin
Maureen Dobson
Dr John Doddy
Boyd Elliott
Sybil Fielding
Kate Foale
Stephen Garner
Glynn Gilfoyle
Keith Girling
Kevin Greaves
John Handley
Tony Harper
Errol Henry JP
Paul Henshaw
Tom Hollis
Vaughan Hopewell
Richard Jackson
Roger Jackson

Eric Kerry
John Knight
Bruce Laughton
John Longdon
Rachel Madden
David Martin
Diana Meale
John Ogle
Philip Owen
Michael Payne
John Peck JP
Sheila Place
Liz Plant
Mike Pringle
Francis Purdue-Horan
Mike Quigley MBE
Alan Rhodes
Phil Rostance
Andy Sissons
Helen-Ann Smith
Tracey Taylor
Parry Tsimbiridis
Steve Vickers
Keith Walker
Stuart Wallace
Muriel Weisz
Andy Wetton
Gordon Wheeler
Jonathan Wheeler
Yvonne Woodhead
Martin Wright
Jason Zadrozny

HONORARY ALDERMEN

Terence Butler
John Carter

OFFICERS IN ATTENDANCE

Anthony May	(Chief Executive)
Melanie Brooks	(Adult Social Care and Health)
Jonathan Gribbin	(Adult Social Care and Health)
Sara Allmond	(Chief Executives)
Luke Barrett	(Chief Executives)
Carl Bilbey	(Chief Executives)
Angie Dille	(Chief Executives)
Martin Gately	(Chief Executives)
David Hennigan	(Chief Executives)
Anna O'Daly-Kardasinska	(Chief Executives)
Marjorie Toward	(Chief Executives)
Nigel Stevenson	(Chief Executives)
James Ward	(Chief Executives)
Colin Pettigrew	(Children, Families and Cultural Service)
Adrian Smith	(Place)

OPENING PRAYER

Upon the Council convening, prayers were led by the Chairman's Chaplain.

MINUTE SILENCE

A minute silence was held in memory of former County Councillor Roy Barsley and Former County Councillor and Honorary Alderman Stewart Pattinson.

OUTGOING CHAIRMAN'S ADDRESS TO THE COUNCIL

Councillor Sue Saddington, outgoing Chairman of the County Council, made an address, during which she referred to the highlights of her year in office, including the many moving events for the commemoration of 100 years since the end of World War One. The Chairman's Charity was Nottingham Children's Hospital Big Appeal for whom over £6,000 had been raised during her time in office.

1. ELECTION OF CHAIRMAN

It was moved by Councillor Ben Bradley and seconded by Councillor Alan Rhodes and:-

RESOLVED: 2019/009

That Councillor Kevin Rostance be elected Chairman of Nottinghamshire County Council, until the Annual Meeting 2020.

Arising from the above resolution, Councillor Kevin Rostance made the prescribed Declaration of Acceptance of Office, was invested with the Chairman's Chain of Office and assumed the chair. Thereafter, Councillor Kevin Rostance's portrait was unveiled by the Chief Executive.

INCOMING CHAIRMAN'S ADDRESS TO THE COUNCIL

Councillor Kevin Rostance addressed the Council, thanking members for the opportunity to perform the civic role for the County Council. He indicated that his chosen charity was the Motor Neurone Disease (MND) Association.

RETIRING CHAIRMAN VOTE OF THANKS

At the invitation of the newly elected Chairman, Councillor Bruce Laughton paid tribute to Councillor Sue Saddington's contribution to Nottinghamshire Civic life, and moved a motion thanking her for her work as Chairman.

The motion was seconded by Councillor Keith Walker who articulated Member's appreciation and congratulations for her year of office.

Councillors Alan Rhodes also spoke in thanks of the work undertaken by Councillor Sue Saddington as Chairman of the County Council for the municipal year 2018/19.

RESOLVED: 2019/010

That the County Council's thanks for Councillor Saddington's work as its Chairman during 2018-19 be recorded.

PAST CHAIRMAN'S BADGE OF OFFICE

Further to the above resolution, the Chairman of the County Council presented to Councillor Saddington her Past Chairman's Badge of Office and acknowledged her work during the year.

Councillor Roger Jackson left the meeting during consideration of this item and did not return.

2. ELECTION OF VICE-CHAIRMAN

The appointment of Councillor Stuart Wallace as Vice-Chairman was moved by Councillor Keith Girling and seconded by Councillor Bruce Laughton.

RESOLVED: 2019/011

That Councillor Stuart Wallace be appointed Vice-Chairman of the Nottinghamshire County Council until the Annual Meeting 2020.

Arising from the above Resolution, Councillor Stuart Wallace made the prescribed Declaration of Acceptance of Office, was invested with the Vice-Chairman's chain and took his new place alongside the Chairman.

3. RECOGNITION OF MEMBERS AND OFFICERS OF GROUPS

Councillor Mrs Kay Cutts MBE introduced the report and moved a motion in terms of resolution 2019/011 below.

The motion was seconded by Councillor Reg Adair.

RESOLVED: 2019/012

- 1) That the membership of the political groups be noted.
- 2) That the Officers of the Groups be noted.

4. MINUTES

RESOLVED: 2019/013

That the minutes of the last meeting of the County Council held on 28 March 2019 be agreed as a true record and signed by the Chairman.

5. APOLOGIES FOR ABSENCE

Councillor Parry Tsimbiridis submitted an apology that he would be arriving late to the meeting.

6. DECLARATIONS OF INTEREST

None

7. CHAIRMAN'S BUSINESS

FORMER COUNTY COUNCILLOR ROY BARSLEY AND FORMER COUNTY COUNCILLOR AND HONORARY ALDERMAN STEWART PATTINSON

Councillors Mrs Kay Cutts, Maureen Dobson, Kate Foale, Glynn Gilfoyle, Keith Walker Alan Rhodes and John Cottee spoke in memory of former County Councillor Roy Barsley and former County Councillor and Honorary Alderman Stewart Pattinson.

PRESENTATION AND AWARDS

Make Your Mark Champion Award

Councillor Tracey Taylor introduced the award which had been presented to the Council by the British Youth Council for its achievement in engaging 12,833 Nottinghamshire young people in the Make Your Mark (MYM) campaign. The Chairman received the award from Councillor Taylor and presented it to Jack Heald, Member of the Youth Parliament for Newark and Sherwood, and former Chair of the Young People's Board, and Amy Beckworth, Youth Working, who alongside her team coordinated the MYM campaign in Nottinghamshire.

8. PRESENTATION OF PETITIONS

The following petitions were presented to the Chairman as indicated below:-

- (1) Councillor Tony Harper regarding parking issues on Chewton Street, Eastwood
- (2) Councillor John Cottee regarding a request from residents of Selby Lane, Keyworth asking for the removal of some yellow lines to increase parking spaces.
- (3) Councillor Alan Rhodes against the closure of James Hince Court.

RESOLVED: 2019/014

That the petitions be referred to the appropriate Committees for consideration in accordance with the Procedure Rules, with a report being brought back to Council in due course.

9. ESTABLISHMENT OF COMMITTEES

Councillor Richard Butler introduced the report and moved a motion in terms of resolution 2019/015 below.

The motion was seconded by Councillor Mrs Kay Cutts MBE

RESOLVED: 2019/016

- 1) That the establishment of the Committees and Sub-Committees of the Council and the allocation of seats as set out in Appendix A be confirm. The Committees and Sub-Committees to be established with their existing terms of reference as set out in the Council's Constitution.
- 2) That the membership and allocation of seats and its continued participation of the Joint Committees set out in Appendix A and the establishment or continued

participation as applicable in the other committees, joint committees and boards, and allocation of seats, as set out in Appendix B be confirmed.

- 3) That the Council make the appointments of Chairmen and Vice-Chairmen set out in Paragraph 6 of the report, and agrees the arrangements for appointing the Chairman of the Committees set out in Paragraph 7 of the report until the Annual Meeting of the Council in May 2020.
- 4) That the other representatives on the committees / sub-committees set out in Paragraph 8 of the report be agreed.
- 5) That the Leader of the Council be an ex-officio member of all committees and sub-committees except Health Scrutiny for Nottinghamshire Committee, Mental Health Guardianship Panel, Planning and Licensing Committee and Joint Committees.
- 6) That the appointment of members of the political Groups of the Council to committees, sub-committees, joint committees and boards be undertaken by the Team Manager, Democratic Services on behalf of the Chief Executive (the Proper Officer) in order to give effect to the wishes of the political Groups of the Council.
- 7) That the Team Manager, Democratic Services be authorised to act on behalf of the Chief Executive (Proper Officer) to appoint people as co-optees to committees when required.
- 8) That the Council appoints Ian Bayne and Craig Coles as the Council's Independent Persons until the Annual Meeting of the Council in May 2020.

10. GOVERNANCE AND ETHICS COMMITTEE ANNUAL REPORT

Councillor Bruce Laughton introduced the report and moved a motion in terms of resolution 2019/017 below.

The motion was seconded by Councillor Andy Sissons

RESOLVED: 2019/017

That there were no actions arising from the report.

Council adjourned from 12.34pm to 1.39pm for lunch.

Councillor Parry Tsimbiridis arrived at the meeting at 1.39pm.

11. CONSTITUTION REVIEW

Councillor Mrs Kay Cutts MBE introduced the report and moved a motion in terms of resolution 2019/018 below.

The motion was seconded by Councillor Reg Adair

RESOLVED: 2019/018

That the Monitoring Officer be commissioned to undertake a review of the County Council's Constitution; subject to Governance and Ethics Committee approving the scope of the review and having oversight of the project throughout.

12a. QUESTIONS TO NOTTINGHAMSHIRE AND CITY OF NOTTINGHAM FIRE AUTHORITY

None

12b. QUESTIONS TO COMMITTEE CHAIRMAN

Two questions had been received as follows:-

- 1) from Councillor Liz Plant concerning land in the Gamston/Tollerton area owned by the County Council (Councillor Mrs Kay Cutts MBE replied)
- 2) from Councillor Errol Henry JP regarding the Windrush compensation scheme (Councillor Mrs Kay Cutts MBE Cottee replied)

The full responses to the questions above are set out in set out in Appendix A to these minutes.

13. NOTICE OF MOTIONS

A Motion as set out below was moved by Councillor John Peck and seconded by Councillor Alan Rhodes:-

“This Council believes that local action on global warming can make a difference and will be essential. This Council has an obligation to lead, catalyse, support and influence actions by residents, district and borough councils and other partners and businesses in the County.

To that end, this council resolves to:

1. Update its 2012 Carbon Management Plan, considering the recent IPCC* report. This will include the setting of a carbon neutral target for Nottinghamshire County Council, and a governance structure to ensure close monitoring of the plan.
2. Integrate this commitment into the Nottinghamshire County Council Four Year Plan ‘Your Nottinghamshire Your Future’.
3. Include an assessment of climate and sustainability impact in all relevant reports to committees.

4. Communicate this commitment with residents, businesses and all strategic partners across Nottinghamshire, and provide ongoing information to residents about how local action can make a difference.”

* Intergovernmental Panel on Climate Change

An amendment to the Motion as set out below was moved by Councillor John Cottee and seconded by Councillor Phil Rostance:-

“This Council believes that local action on global warming can make a difference and ~~will be~~ is essential, ~~and is proud of measures we are already taking at a local level to contribute to this aim, such as:-~~

- Our huge roll-out of energy-saving, cost-effective LED street-lighting
- The Travel Choice Scheme to encourage people to travel more sustainably
- Increases to our Low Emission Bus Fleet
- Our investment in extending the cycle network
- Road improvements which reduce delays and congestion
- The commitment to reduce our reliance on single-use, disposable plastics
- Carbon Copy – our regular energy and carbon management online newsletter promoting good practice and advice to schools and council services, and
- Our commitment to the Nottinghamshire and Derbyshire Local Authorities’ Energy Partnership.

This Council has an obligation to continue to lead, catalyse, support and influence actions by residents, district and borough councils and other partners and businesses in the County.

To that end, this ~~e~~Council resolves to:

1. ~~Update its 2012 Carbon Management Plan, Welcome current plans to bring proposals to the next Policy Committee to develop a new Corporate Environment Strategy, which will~~ considering the recent Intergovernmental Panel on Climate Change IPCC* report and other relevant information. This will include working through the evidence base, with the intention of setting of a carbon neutral target date for Nottinghamshire County Council, and our governance structure to~~will~~ ensure close monitoring of progress and outcomes~~the plan~~.
2. Integrate this commitment into the Nottinghamshire County Council Four Year Plan ‘Your Nottinghamshire Your Future’.
3. Continue to ~~include~~ an assessment of ~~climate and the implications for sustainability and the environment impact~~ in all relevant reports to committees.
4. Communicate this commitment with residents, businesses and all strategic partners across Nottinghamshire, and provide ongoing information to residents about how local action can make a difference.”

~~* Intergovernmental Panel on Climate Change~~

Councillor John Peck accepted the amendment with the follow update to bullet point 3 to read “Continue to include and strengthen the assessment of the implications for sustainability and the environment in all relevant reports to committees.”

Following a debate, the motion as amended was put to the meeting and after a show of hands the Chairman declared it was carried and it was:-

RESOLVED: 2019/019

This Council believes that local action on global warming can make a difference and is essential, and is proud of measures we are already taking at a local level to contribute towards this aim, such as:-

- Our huge roll-out of energy-saving, cost-effective LED street-lighting
- The Travel Choice Scheme to encourage people to travel more sustainably
- Increases to our Low Emission Bus Fleet
- Our investment in extending the cycle network
- Road improvements which reduce delays and congestion
- The commitment to reduce our reliance on single-use, disposable plastics
- Carbon Copy – our regular energy and carbon management online newsletter promoting good practice and advice to schools and council services, and
- Our commitment to the Nottinghamshire and Derbyshire Local Authorities’ Energy Partnership.

This Council has an obligation to continue to lead, catalyse, support and influence actions by residents, district and borough councils and other partners and businesses in the County.

To that end, this Council resolves to:

1. Welcome current plans to bring proposals to the next Policy Committee to develop a new Corporate Environment Strategy, which will consider the recent Intergovernmental Panel on Climate Change report and other relevant information. This will include working through the evidence base, with the intention of setting a carbon neutral target date for Nottinghamshire County Council, and our governance structure will ensure close monitoring of progress and outcomes.
2. Integrate this commitment into the Nottinghamshire County Council Four Year Plan ‘Your Nottinghamshire, Your Future’.
3. Continue to include and strengthen the assessment of the implications for sustainability and the environment in all relevant reports to committees.

4. Communicate this commitment with residents, businesses and all strategic partners across Nottinghamshire, and provide ongoing information to residents about how local action can make a difference.

14. ADJOURNMENT DEBATE

None

The Chairman declared the meeting closed at 3.42 pm.

CHAIRMAN

APPENDIX A

COUNTY COUNCIL MEETING HELD ON 16TH MAY 2019 QUESTIONS TO COMMITTEE CHAIRMEN

Question to the Leader of the Council from Councillor Liz Plant

Rushcliffe Borough Council has been working hard to deliver on its Local plan which commits to building 13,150 houses by 2028- 4,000 of which are to be built in the Gamston/Tollerton area of Rushcliffe. The land involved is owned by five landowners, one of which is the county council.

Given the desperate need for more house building, a need supported by the Conservative government, and the fact that the sale of the county council land would generate much needed and generous capital receipts, could the leader update members on what the county council is doing to progress the development of the site.

Response from Councillor Mrs Kay Cutts MBE, Leader of the Council

Nottinghamshire County Council are committed to promoting good quality and sustainable housing growth in the County to meet the needs of our communities. The County Council is actively using its own land to secure housing and employment growth in appropriate locations, with the right infrastructure and provision of local services such as schools and health provision; for example 800 new homes and 8.5ha of employment space at Top Wighay in Gedling and up to 500 new homes on land at White Hills Parks in Broxtowe.

The County Council also works in partnership with Districts as Local Planning Authorities to promote major new housing developments which are experiencing delivery and viability problems; such as the land to the south of Clifton where the government is acquiring land to help unlock the 3,500 much needed new homes in Rushcliffe. The County also have a lead role in the delivery of the Gedling Access Road to unlock sustainable housing growth in and around Gedling.

These are just a few of our priority projects where the County are employing a considerable amount of effort to unlock and assist good quality and sustainable housing and employment growth. This administration has no current plans to bring forward further proposal for the site of Gamston over and above our statutory roles as a highways authority.

Question to the Leader of the Council from Councillor Errol Henry

The Leader was asked some time ago about any actions this Authority was taking to support victims of the Windrush Scandal. A compensation scheme was announced by the Home Office last month (April 19) and I understand that all local authorities have been furnished with information to communicate via distribution through their networks.

Can the Leader inform us as to what actions this Authority will be taking to ensure that any and all affected citizens within the County are notified, and can act on the said information?

Response from Councillor Mrs Kay Cutts MBE, Leader of the Council

As previously advised when this issue has been raised before, all relevant staff in the Registration Service (for births, deaths, marriages and other services) have been advised of guidance provided by the General Register Office section of Her Majesty's Passport Office. The guidance makes reference to the announcement by the Home Secretary regarding a Commonwealth taskforce set up in the Home Office to help those affected. If Registration Officers are asked to advise individuals, especially in respect of a lack of documents, they will direct them to the Commonwealth taskforce on Freephone number on 0800 678 1925.

Alternatively, registration staff are aware that the taskforce can be contacted by email to commonwealthtaskforce@homeoffice.gsi.gov.uk and that further information is available at www.gov.uk/windrush. This information has also been passed to the Customer Services Centre, for use by advisers dealing with registrations enquires.

More recently the Council's Equality Officer spoke to the Co- Vice Chair of the Black and Minority Ethnic (BME) Network in April when the latest update letter from the Home Office Local Partnership Manager was received. Confirmation was provided that the information had already been disseminated to the BME network members and to a range of organisations that the network are aware could include people eligible to make claims to the Windrush Compensation Scheme.

In response to a request from the BME Network to further publicise the compensation scheme, a News item was published on the Council's intranet to inform employees that the scheme is now open and invited people to share the information more widely with their families and friends.

Information from the Home Office received this morning is that their original e-mail, confirming the compensation scheme, was not delivered to this Council. They have re-sent it this morning, and invited us to a conference next week to give us all the details and further information on the scheme. Once we have all of this, we will of course be promoting this through our usual channels.

We shall ensure we send someone to that Conference, I think it is next Thursday 23rd, even though it is at very short notice. So that is probably why there was a lack of an update on our website, we had not received the information.

**REPORT OF THE CHAIRMAN OF COMMUNITIES AND PLACE COMMITTEE AND
POLICY COMMITTEE****RESPONSES TO PETITIONS PRESENTED TO THE CHAIRMAN OF THE
COUNTY COUNCIL****Purpose of the Report**

1. The purpose of this report is to inform Council of the decisions made by the Communities and Place Committee and Adult Social Care and Public Health Committee concerning issues raised in petitions presented to the Chairman of the County Council on 13th December 2018 and 28th March 2019.

PETITIONS CONSIDERED BY COMMUNITIES AND PLACE COMMITTEE

- A. **Petition request to permanently close footpath between The Mount and Clipstone Drive, Forest Town (Ref: 2014/0333)**
2. A 12 signature petition was presented to the 13 December 2018 meeting of the County Council by Councillor Martin Wright on behalf of residents of Forest Town requesting the permanent closure of a public footpath between The Mount and Clipstone Drive, Forest Town.
3. The landowner closed the path to pedestrians in 2011 following the granting of planning consent in 2010 for the construction of five houses. The land was previously in the ownership of Mansfield District Council and had been the site of a local community centre. Residents established a public footpath through the site having used it as a cut-through to access the nearby playing field and woodlands.
4. Although the planning application included provisions for the retention of a public footpath, the path was deleted from the approved planning decision due to concerns about anti-social behaviour. No steps were taken at that time to lawfully stop-up or divert the footpath under provisions of the Town and Country Planning Act 1990. Work commenced on the site in late 2013 and was noted to be substantially complete in late 2015. An electricity sub-station was also constructed alongside the path.
5. Mansfield District Council attempted to stop-up the public footpath in 1980 and again in 2018 by means of Highways Act Extinguishment Orders. On each occasion objections were received and the Order was duly referred to the Secretary of State. The Secretary of State has declined to confirm the Order on each occasion. The Inspector appointed to decide the 2018 Extinguishment Order considered that the path would be well used if reinstated and that local people had been disadvantaged by its closure.
6. It was recognised that residents living next to the public footpath had experienced anti-social behaviour issues in the past, but it was clear that any further attempt to formally close it would not succeed.

7. Following an application made to Nottinghamshire County Council, a Definitive Map Modification Order was made which sought to record the public footpath on the Definitive Map and Statement. Objections had been received in respect of this Order and consequently the Council was obliged to refer the matter again to the Secretary of State for a decision as to whether the Order should be confirmed.
8. It was expected that the Order would be confirmed. The Council would then be obliged to seek the removal on any obstructions blocking the legal line of the footpath, i.e. the recently constructed house, gate and fencing along the former access track. In order to avoid this scenario, it was suggested that the landowner made an application under the Highways Act 1980 section 119 to Mansfield District Council to divert the public footpath around the site boundary.
9. It was agreed that the lead petitioner be informed accordingly.

B. Petition requesting a 20mph speed limit on Main Street, Awsworth (Ref:2019/0334)

10. A 29-signature petition was submitted to the 28 March 2019 meeting of the County Council by Councillor John Longdon on behalf of residents requesting that a 20mph speed limit be introduced on Main Street, Awsworth.
11. Requests for speed limit changes are subject to Government guidance. This guidance states that

“Traffic authorities can, over time, introduce 20mph speed limits or zones on:

- Major streets where there are – or could be - significant numbers of journeys on foot, and/or where pedal cycle movements are an important consideration, and this outweighs the disadvantage of longer journey times for motorised traffic.

This is in addition to

- Residential streets in cities, towns and villages, particularly where the streets are being used by people on foot and on bicycles, there is community support and the characteristics of the street are suitable.”

12. However, the guidance also states that “Where they do so, general compliance needs to be achievable without an excessive reliance on enforcement.

“Research into signed-only 20 mph speed limits shows that they generally lead to only small reductions in traffic speeds. Signed-only 20 mph speed limits are therefore most appropriate for areas where vehicle speeds are already low.”

13. As a result, 20mph limits are not appropriate where the aim is to curtail excessive speed, which is the stated aim of the petition. The introduction of a 20mph speed limit is not therefore appropriate at this location. Alternative measures may, however be appropriate such as the installation of a vehicle activated speed warning sign and therefore a survey will be undertaken to determine whether this location can be prioritised for inclusion in a future year’s programme of works.

14. It was agreed that the lead petitioner be informed.

C. Petition requesting for a reduction in speed limit from 60mph to 40mph on Long Lane from Eels Farm to the border of Watnall Road (Ref:2019/0335)

15. A 33-signature petition was submitted to the 28 March 2019 meeting of the County Council by Councillor Phil Rostance on behalf of residents requesting that the County Council introduces a 40mph speed limit on B6009 Long Lane between Hucknall and Watnall.

16. The road is rural in nature with a 60mph speed limit.

17. To consider the speed limit request an assessment would be carried out including consideration of the road layout and its purpose, the number of properties fronting the road, an evaluation of traffic speeds, and an investigation of the speed related injury accident data. Once this data was available the request would be considered in line with guidelines for setting local speed limits; and if appropriate, alterations to the speed limit would be considered for inclusion in a future integrated transport programme.

18. It was agreed that the lead petitioner be informed.

D. Petition requesting a vehicle activated speed sign Leake Road, Gotham (Ref:2019/0336)

19. A 211-signature petition was presented to the 28 March 2019 meeting of the County Council by Councillor Andrew Brown on behalf of the residents of Gotham requesting an interactive speed sign on Leake Road, near its junction with Hill Road.

20. An evaluation of traffic speeds and flows would be carried out at the location for the consideration to installing an interactive speed sign. Once this data was available the request would be considered in line with guidelines for installing interactive speed signs; and if appropriate, it would be considered for inclusion in a future integrated transport programme.

21. It was agreed that the lead petitioner be informed accordingly.

E. Petition requesting the resurfacing of the pavements on West Leake Road, East Leake (Ref:2019/0337)

22. A 48-signature petition was presented to the 28 March 2019 meeting of the County Council by Councillor Andrew Brown on behalf of the residents requesting that West Leake Road footways be resurfaced.

23. West Leake Road runs from its junction with Station Road in East Leake, under a railway bridge towards the village of West Leake. This footway currently featured on the Candidate List for potential inclusion in the 2020/21 highway maintenance programme. Work on developing this programme was ongoing and once finalised, would be submitted for consideration by Committee as part of the programme approval process.

24. In the meantime, this footway would continue to be inspected and any safety defects identified that meet the necessary criteria would be repaired. If the highway authority receives enquiries relating to defects an ad-hoc inspection is undertaken and once again if any safety defects are identified that meet the repair criteria these are organised.

25. It was agreed that the lead petitioner be informed accordingly.

F. Petition regarding damage to the road and pavement at Riverdale Park, Gunthorpe (Ref:2019/0338)

26. An 8-signature petition was presented to the 28 March 2019 meeting of the County Council by Councillor Roger Jackson on behalf of the residents requesting that Riverdale Park be inspected and considered for resurfacing.

27. The A6097 is the main road from the A46, crossing the River Trent at Gunthorpe and heading north towards the A614. One section of this road forms Gunthorpe By-Pass.

28. The County Council are currently looking at the longer-term plans for this road and the A6097 has undergone extensive engineering investigation, and testing has been organised to determine the full extent of structural failure. Whilst the road can be visually inspected, what is necessary is an understanding of what is going on below the surface levels and the correct type/extent of resurfacing treatment required to restore the road surface. This investigation takes the form of road cores and structural testing. The coring will help to show the layer thicknesses / composition / compaction / density and size of aggregate (stone) in the road surface. The structural testing of the road pavement will provide a better understanding of the load bearing capability of the road layers and identify any specific areas of weakness which would need to be addressed as part of any future works. From these investigations, plans to provide a solution can be determined to address the road surface issues at this site.

29. In the meantime, this road is inspected monthly and any safety defects identified that meet the necessary criteria are repaired. Any enquiries received relating to defects will be inspected through an ad hoc inspection and any safety defects identified that meet the criteria will be repaired. There has been a marked deterioration of certain sections of this road recently and whilst inlay patching repairs have been undertaken, longer-term solutions are being investigated.

30. It was agreed that the lead petitioner be informed accordingly.

G. Petition regarding parking issues near Greasley Beauvale School (Ref:2019/0339)

31. A 250-signature petition was presented to the 28 March 2019 meeting of the County Council by Councillor John Handley. The petitioners raised concerns with unsafe and obstructive parking on Dunster Road on the approach to the alleyway leading to Greasley Beauvale Primary School. The petitioners also stated that vehicles were breaching the existing 'School Keep Clear' markings on Greasley Avenue.

32. The parking situation reported is not an isolated one with the Council regularly receiving similar complaints relating to poor parking practices in the vicinity of schools in

Nottinghamshire and effective solutions to address these problems are very difficult to implement due to the typical driver behaviour in these areas.

33. Although school areas generally look chaotic and cause concern for children's safety, it is generally not the case that these areas are unsafe. It is however noted from the photographs provided with the petition that this location would benefit from the provision of parking restrictions on Dunster Road.
34. The budget for the current financial year has already been allocated but this location has been added to the list of schemes for next financial year (2020/2021). The Authority will consult on introducing double yellow lines at the Dunster Road junction with Peters Close; in addition to single yellow lining within the cul-de-sac end of Dunster Road, restricting parking during school opening and closing times.
35. In respect of the existing restrictions being breached, the Parking Enforcement Team have been made aware and the CCTV enforcement vehicle will be visiting the site to address any parking contraventions. The petitioners are also able to report contraventions on the following link: www.nottinghamshire.gov.uk/transport/road-safety/cctv-vehicle-enforcement/request.
36. It was agreed that the lead petitioner be informed accordingly.

H. Petition requesting traffic calming measures along Southdale Road, Carlton (Ref:2019/0340)

37. A 156-signature petition was submitted to the 28 March 2019 meeting of the County Council by Councillor Errol Henry on behalf of residents requesting that traffic calming be installed to enforce the existing 20mph speed limit.
38. Traffic calming is generally only introduced where such measures are considered the most appropriate method to address road traffic collisions that result in injuries. A review of the accident data on this road identified that between 1 January 2016 and 31 December 2018 there were no road traffic collisions resulting in serious injuries, but there were four accidents involving slight injury. This level of accidents means that traffic calming would not currently be prioritised at this location. The Council will, however, continue to monitor road traffic collisions resulting in injury at this location and consider appropriate casualty reduction measures if a pattern of treatable collisions occurs in the future.
39. In acknowledging the concerns of residents about the lack of adherence to the speed limit, vehicle activated speed signs have been installed at this location.
40. It was agreed that the lead petitioner be informed.

I. Petition requesting street lighting for the garages on Southdale Road, Carlton (Ref:2019/0341)

41. A 32-signature petition was submitted to the 28 March 2019 meeting of the County Council by Councillor Errol Henry on behalf of residents requesting that the County Council install street lighting on the rear access road to their garages on crime and disorder grounds.
42. This access road is not part of the adopted highway, nor a registered Public Right of Way, nor Council owned non-highway land and therefore the County Council has no authority over this location. The lighting of this private access road (which appears to be in the joint ownership of all the properties adjacent to it) would therefore be the responsibility of the land owners, as would any future maintenance be should the owner chose to introduce lighting.
43. It was agreed that the lead petitioner be informed.

J. Petition requesting traffic calming measures, to slow down traffic on Kenrick Street (Ref:2019/0342)

44. A 79-signature petition was submitted to the 28 March 2019 meeting of the County Council by Councillor Nicki Brooks on behalf of residents requesting traffic calming, speed cameras or signs to reduce vehicle speeds, in particular around the sharp bend on Kenrick Street, Netherfield.
45. A meeting was held in November 2018 with a concerned resident regarding this problem and a scheme was agreed to be included in the 2019/20 minor works programme to improve the signing and road markings on the road to deter speeds and also improve the visibility of the 'No Entry' signing on the road. This scheme was scheduled to be delivered before the end of the 2018/19 financial year. Traffic calming and speed cameras were also discussed, but the straight section of Kenrick Street is only 100 metres long starting at the very sharp bend, so this is more likely to be a case of inappropriate speed rather than speeds significantly higher than 30mph needing to be controlled. Traffic calming and speed cameras are also only used in response to the most severe of accident problems once all other possible options have been tried first. It was hoped that the upcoming scheme would help to curb the behaviour of a minority of drivers at this location, but the Crash Reduction Team would monitor any further accident reports received as part of their standard processes and consider if any further action is necessary.
46. It was agreed that the lead petitioner be informed.

K. Petition regarding current and impending problems with parking on Westfield Drive and Hillside Crescent, caused by hospital staff (Ref:2019/0343)

47. A 44-signature petition was submitted to the 28 March 2019 meeting of the County Council by Councillor Alan Rhodes on behalf of residents raising concerns about "current and impending problem with parking" on Westfield Drive and Hillside Crescent by hospital staff.
48. The roads in question are residential, located to the southwest of Bassetlaw Hospital.
49. The County Council can restrict parking by introducing limited-waiting restrictions or permit schemes that can only be purchased by residents. Limited waiting restrictions can be effective where long-stay parking is an issue by limiting the time vehicles can park. However, these restrictions usually apply to all road users and would therefore also affect

residents and their visitors in the event that there is not sufficient off-street parking available. Such restrictions are therefore only used in extreme circumstances where highway safety is compromised.

50. Requests for residents' parking schemes are prioritised in locations where residents do not have off-street parking and where a scheme won't negatively affect nearby streets and town centres, or increase rat running or traffic speeds.
51. All properties on Westfield Drive and Hillside Crescent have off-street parking. As a result, this request would not be considered a priority for inclusion in a future year's integrated transport programme and so no further assessment will be undertaken. If residents are experiencing issues with people parking across their drives they are, however, able to pay to have white H-bar markings installed to help ensure access to their driveways.
52. It was agreed that the lead petitioner be informed.

L. Petition requesting for the resurfacing of roads in Sutton West and Sutton Central and East (Ref:2019/0344)

53. A 118-signature petition was submitted to the 28 March 2019 meeting of the County Council by Councillor Samantha Deakin requesting that the roads detailed below be resurfaced. In order to assist the petitioner regarding the recommended response to them, information to explain the different maintenance procedures and approaches referred to in relation to each of the roads follows the specific information relating to each road.
54. Huthwaite Road – This is the B6026 running from the B6023 Lammas Road to the B6026 Sutton Road. A section of this road was structurally patched in 2017/18. The remaining section is currently suitable for machine patching and is being considered for preventative maintenance in the near future. 'Preventative Maintenance' is a term given to a type of patching treatment which removes existing defects and also reduces the likelihood of new defects appearing by addressing areas which are likely to develop into potholes.
55. Willowbridge Lane – This runs from the B6023 Alfreton Road to West End / Spring Road. This is currently on the Candidate List for a Micro-Asphalt treatment, but no year has been set yet. Micro-Asphalt is a surface treatment which improves texture and ride quality of the road surface whilst also sealing any cracks to prevent water ingress, which causes damage when temperatures get below freezing.
56. Alfreton Road – There are numerous sections of Alfreton Road that form part of the A38, the B6023 and a historic section of the original Alfreton Road which is now unclassified, leading to Rookery Lane. There are currently a number of sections of the A38 on the Candidate List for consideration in future works programmes, most notably at the Common Road junction and at the junction with the B6023 near The Snipe public house. As for the B6023 section of Alfreton Road, currently the junction with Willowbridge Lane is also on the Candidate List for consideration in future works programmes.

At the time of writing the sites above remain on the Candidate List but no year has been set as yet for resurfacing works to be carried out.

When these works occur, they are likely to be either 40mm or 100mm deep resurfacing, due to the high usage of these roads.

57. Highway Asset Management – One of the key principles with highways asset management is to increase the use of ‘preventative non-invasive treatments’ and reduce the level of invasive high-cost worst-first resurfacing schemes where possible. Only fixing the very worst roads every year means that a lot of public money is spent on only a few sites and while this is being carried out, other sites will deteriorate to a point where they too will require high-cost resurfacing. The current strategy therefore is still to carry out full resurfacing at a limited number of sites, based upon priority, but for the cost of one resurfacing scheme, cost-effective ‘preventative’ works are carried out which saves several other sites from deteriorating to a similar level.

In the past, priority has been given to the classified road network (‘A’ & ‘B’ roads) and this has led to a gradual countywide deterioration of the Unclassified network (estate roads and some rural links - Willowbridge Lane is an example of this). The County Council is working to redress this imbalance by changing the emphasis onto saving more of this Unclassified network whilst still maintaining classified roads in a safe and serviceable condition.

The scheme selection system involves a ‘candidate list’ of potential sites in all categories, ranging from those requiring full reconstruction to those which can be saved from further damage. It is possible that some sites may have had patchwork repairs over several years in order to maintain safety and whilst they may not be aesthetically pleasing they are at least fit for purpose from a safety perspective until larger scale resurfacing can be programmed.

58. Safety – The main priority at all times is for the safety and serviceability of the highway network, including footways, cycleways and all other associated assets. For this reason, highway safety inspections are carried out at varying frequencies (monthly, quarterly, six-monthly, annually) dependent upon the hierarchy of the road / footway in question. There are a series of ‘investigatory levels’ for defects on the highway and these are assessed and attended to either as part of this inspection regime or as a result of individual enquiries from members of the public, local councillors and so on.

It is possible, in certain areas to address small sites which have received excessive patching and / or pothole repairs by carrying out surface course repairs, approximately 40mm thick, to restore sections of some roads to a serviceable condition and to prevent further use of public money in continuous reactive repairs. These sites may then be suitable for further preventative surface treatment in future works programmes.

59. Future works programmes – The above mentioned ‘candidate list’ contains numerous sites in the Ashfield area which are potentially suitable for a variety of treatments and these are continually assessed for consideration in the annual Capital Maintenance Works Programme and any additional maintenance programmes where extra funding is made available, either from the Department for Transport or local sources, such as the County Council itself. All sites are assessed against their peers both within and without District and Borough Council areas and based upon a pro-rata funding allocation connected to both network length and Road Condition Indicator (a national measure) for each road class / hierarchy to ensure an objective and fair allocation for each area.

60. It was agreed that the lead petitioner be informed accordingly.

M. Petition regarding a campaign to make roads safer in Huthwaite (Ref:2019/0345)

61. A 90-signature petition was presented to the 28 March 2019 meeting of the County Council by Councillor Tom Hollis. The petitioners request was to make the roads safer in the Huthwaite area with particular reference to Common Road and Blackwell Road.

62. Common Road and Blackwell Road are both classified roads and in the last three-year accident reporting period from 1 January 2016 to 31 December 2018, there were three accidents on Blackwell Road resulting in injuries to road users but with no clusters or accident patterns identified. Common Road had only one injury accident on record which is considered 'good' for a road with the volume of traffic it experiences.

63. To obtain the maximum reduction in road accident casualties across the county, the finite budget available for accident remedial schemes is not prioritised at sites where accidents are 'waiting to happen', or where no strong treatable accident pattern exists. In common with highway authorities around the country reported injury accident data is used to target locations where a number of injury accidents have actually occurred, and where a cost-effective solution can be devised. Through this process we are able to maximise the benefits to road users in Nottinghamshire by treating sites where higher numbers of people have been seriously injured.

64. Working with the police our accident records are updated on a regular basis; and should additional accidents occur at these sites in the future a further investigation of the characteristics will be carried out.

65. It was agreed that the lead petitioner be informed accordingly.

N. Petition regarding traffic conditions Queens Walk, Nether Langwith (Ref:2019/0346)

66. A 74-signature petition was submitted to the 28 March 2019 meeting of the County Council by Councillor Kevin Greaves on behalf of residents raising concerns about traffic conditions on Queens Walk in Nether Langwith.

67. The petition requests that a study is undertaken of the implications of traffic levels and car parking on road safety and free flow of traffic during the summer months.

68. The road in question is a narrow residential road, located to the north of the A632 Main Road. There are parking restrictions at the eastern end near the public house. A traffic survey carried out in October 2018 west of Fairfield Close suggested that the volume of traffic is extremely low: the survey only recorded an average of 266 vehicles a day. Even if the amount of traffic doubled during the summer months, it would still be far too low to justify any form of intervention to limit it.

69. Traffic speeds were also measured during the survey and, again, speeds are far too low to warrant intervention: the average speed is only 17 mph and the 85th percentile speed (the speed at which 85% of traffic travels at or below) is only 23 mph. If traffic volumes and parking levels are significantly higher in the summer months (as suggested) it is considered that this would likely only reduce speeds further, as parking acts as informal traffic calming.

- 70. Not surprisingly, there have been no reported injury accidents in the last three years, suggesting that there is no safety problem on the road that would warrant intervention.
- 71. The County Council acknowledges that at certain times on-street parking will require drivers to give way to oncoming vehicles. This is extremely common and takes place safely: it is not usually a reason to introduce traffic management measures.
- 72. Given the above, this request is not considered to be a priority for inclusion in a future year's integrated transport programme and so no further assessment will be undertaken.
- 73. It was agreed that the lead petitioner be informed.

O. Petition requesting resurfacing of Marlborough Road, Woodthorpe (Ref:2019/0348)

- 74. A 40-signature petition was submitted to the 28 March 2019 meeting of the County Council by County Councillor John Clarke on behalf Muriel Weisz requesting that Marlborough Road be resurfaced.
- 75. Marlborough Road is an unclassified local access road running between the A60 Mansfield Road and Grange Road in Woodthorpe, Nottingham.
- 76. Marlborough Road currently features as a priority 1 site for inclusion in the 2020/21 Capital Maintenance Resurfacing Programme and would be submitted for consideration by Committee as part of the future programme approval process.
- 77. In the meantime, this road would continue to be inspected and any safety defects identified that meet the necessary criteria would be repaired. If the highway authority receives enquiries relating to defects an ad-hoc inspection is undertaken and once again if any safety defects are identified that meet the repair criteria these are organised.
- 78. It was agreed that the lead petitioner be informed accordingly.

P. Petition requesting all footways be refurbished in Norwell (Ref:2019/0350)

- 79. A 91-signature petition was submitted to the 28 March 2019 meeting of the County Council by County Councillor Bruce Laughton which requested that the footways in Norwell, particularly Main Street but including others in the village be refurbished.
- 80. Main Street is the main road through Norwell, providing access to properties and the village amenities. The footway on Main Street, Norwell, does feature on the members' requests maintenance programme. Subject to Committee Approval and funding, there were plans to undertake footway resurfacing of Main Street and localised repairs in the vicinity.
- 81. In the meantime, the footway will continue to be monitored through the planned highway inspection regime until the works take place.
- 82. It was agreed that the lead petitioner be informed accordingly.

PETITION CONSIDERED BY ADULT SOCIAL CARE AND PUBLIC HEALTH COMMITTEE

Q. Petition regarding Leivers Court Care and Support Centre (Ref:2019/0347)

83. A 553 signature petition was submitted to the 28 March 2019 meeting of the County Council by County Councillor Michael Payne which requested that Leivers Court care home be kept open.
84. Approval was given to develop Extra Care Housing and promote independent living in place of the current provision of six Care and Support Centres at Full Council in February 2015. In response to consultation feedback, it was also approved that three of the centres (Leivers Court, James Hince Court and Bishop's Court) would be kept open for another three years. On 14th May 2018, the Adult Social Care and Public Health Committee approved the recommended next phase of the closure of the remaining Care and Support Centres as being: St Michael's View in March 2019 and Leivers Court in June 2019, dependent on the successful procurement of alternative services. The reports are listed as Background Papers and include the reasons for the decisions, as well as options considered.
85. Since then a great deal of work had been undertaken to ensure that appropriate alternative arrangements were in place for long term residents. Also, work had taken place in partnership with health colleagues, to ensure that appropriate alternative services were in place so that people could be discharged safely home from hospital in a timely way. Wherever possible the aim is to discharge people directly back to their own homes, with appropriate support if needed. Some people, however, may need a short stay for further assessment and/or re-ablement in an accommodation based service.
86. The outcome of this work was:
- all long-term residents living in Leivers Court had now moved into alternative placements and there were no long-term residents remaining there.
 - An Extra Care scheme had been in place local to Leivers Court since the opening of the St Andrew's scheme in Mapperley in June 2015.
 - investment in a new Home First Rapid Response Service meant that more people were now able to go directly home after a stay in hospital. This had reduced the number of people who might have needed homecare as part of their discharge plan but because it was not available quickly enough, had to move into a short term residential care bed until it could be arranged
 - increased investment in the Council's Short Term Assessment and Re-ablement Team (START), alongside a project that was increasing capacity in the service through use of technology, meant that more people were now going directly home for their re-ablement support to regain their independent living skills
 - in the south of the County, a joint plan was in development with health partners for all the short-term home and accommodation based assessment and re-ablement services that people needed to support them home from hospital or avoid an admission. As part

of this work, people who would previously have had a short stay at Leivers Court were now able to go into the health led community beds that were provided for people who had higher health needs.

87. Appropriate, alternative, short term re-ablement services were now in place that support local social care and health's principle of 'Home First' after a stay in hospital and overall there was now a greater variety of short term options available to meet older people's needs. There was also sufficient capacity and choice of independent sector residential care for older people in the south of the County.
88. In light of the information provided in this report it was agreed to not change the decision to close Leivers Court in June 2019 and to notify the lead petitioner accordingly.

Statutory and Policy Implications

89. This report has been compiled after consideration of implications in respect of crime and disorder, data protection and information governance, finance, human resources, human rights, the NHS Constitution (public health services), the public sector equality duty, safeguarding of children and adults at risk, service users, smarter working, sustainability and the environment and where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

RECOMMENDATION

It is recommended that the contents of the report be noted.

Councillor John Cottee – Chairman of Communities and Place Committee

For any enquiries about this report please contact:

Adrian Smith, Corporate Director, Place
adrian.smith@nottsc.gov.uk

Background Papers and Published Documents

- None

Electoral Division(s) and Member(s) Affected

- Arnold South – Councillor John Clarke
- Arnold South – Councillor Muriel Weisz
- Carlton East – Councillor Nicki Brooks
- Carlton West – Councillor Errol Henry
- Carlton West – Councillor Jim Creamer
- Greasley and Brinsley – Councillor John Handley
- Leake and Ruddington – Councillor Andrew Brown
- Leake and Ruddington – Councillor Reg Adair
- Mansfield East – Councillor Martin Wright

- Muskham and Farnsfield – Councillor Bruce Laughton
- Southwell – Councillor Roger Jackson
- Stapleford and Broxtowe Central – Councillor John Doddy
- Stapleford and Broxtowe Central – Councillor John Longdon
- Sutton Central East – Councillor Samantha Deakin
- Sutton West – Councillor Tom Hollis
- Worksop – Councillor Kevin Greaves
- Worksop North – Councillor Alan Rhodes

REPORT OF THE CHAIRMAN OF FINANCE & MAJOR CONTRACTS MANAGEMENT COMMITTEE

MANAGEMENT ACCOUNTS 2018/19

Purpose of the Report

- 1.1 To inform Council of the year end position for the 2018/19 Management Accounts.
- 1.2 To request that Council approves the transfer from the General Fund Balances of £6.8m.
- 1.3 To inform Council of the position on other reserves of the Authority.
- 1.4 To inform Council of the year end position for the 2018/19 Capital Programme and its financing.
- 1.5 To inform Council that capital expenditure and borrowing in 2018/19 were managed within the Council's Prudential Indicators.
- 1.6 To inform Council of Treasury Management activities during 2018/19.

Information and Advice

2. Background

- 2.1 The financial position of the County Council has been monitored throughout the financial year, with monthly reports to the Corporate Leadership Team and the Finance and Major Contracts Management Committee providing an update of progress, thus ensuring decision makers had access to financial information on a timely basis. Draft Management Accounts were reported to Finance and Major Contracts Management Committee on 17 June 2019, this report is the final out-turn for 2018/19, and this is in line with the forecast position.

3. Summary Financial Position

- 3.1 Due to the significant financial challenges facing the Authority, particularly around the increased cost and demand for social care services, overall budgets are showing a net overspend of £3.1m or 0.6% of net Committee budgets. This compares to a period 11 forecast of £4.1m. An exercise to fully understand the permanent or temporary nature of both overspends and underspends is currently being undertaken. Permanent underspends will be removed from the base budget to fund specific future priorities and support the strategy required to meet the £34.2m shortfall in funding across the medium term. This approach was approved as part of the 2019/20 Annual Budget Report to Full Council in February 2019.
- 3.2 The level of General Fund balances, subject to approval by County Council, will decrease by £6.8m to £24.1m. This results in a closing balance that is £5.3m lower than the revised budget.

3.3 Table 1 shows the summary revenue position of the County Council. Further detail, including the position on reserves, is provided in the appendices to this report.

Table 1 – Summary Financial Position

Committee	Final Budget £'000	Draft Out-turn £'000	Draft Variance £'000	Percentage Variance to Annual Budget
Children & Young People	120,990	127,256	6,266	5.2%
Adult Social Care & Public Health	202,802	200,348	(2,454)	(1.2%)
Communities & Place	122,168	122,449	281	0.2%
Policy	34,337	34,090	(247)	(0.7%)
Finance & Major Contracts Management	3,411	2,963	(448)	(13.1%)
Governance & Ethics	7,306	7,280	(26)	(0.4%)
Personnel	15,111	14,851	(260)	(1.7%)
Net Committee (under)/overspend	506,125	509,237	3,112	0.6%
Central items	(17,237)	(21,056)	(3,819)	
Contribution to Schools Expenditure	397	397	-	
Contribution to/(from) Traders	7	356	349	
Forecast prior to use of reserves	489,292	488,934	(358)	
Transfer to / (from) Corporate Reserves	(9,077)	(5,423)	3,654	
Transfer to / (from) Departmental Reserves	2,544	4,518	1,974	
Transfer to / (from) General Fund	(1,529)	(6,799)	(5,270)	
Net County Council Budget Requirement	481,230	481,230	-	

4. Net Committee Spend

The overall net overspend within the Committees is £3.1m and the principal reasons for the variations are detailed below.

4.1 Children & Young People (£6.3m overspend, 5.2% of Committee budget)

The £6.3m overspend has been caused primarily by rapidly increased demand for children's care services. Allied with unavoidably high unit costs this has had a large impact on demand led budgets. Child in Need cases have also increased significantly. This increased demand is also being experienced nationally and consequently adds additional market pressures.

The major contributing variances are:

- Staffing in Hard to Recruit Teams (including leaving care, looked after children (LAC), emergency duty, etc.) and other Social Work teams has overspent by £1.8m due to a combination of staffing changes including permanent recruitment to vacancies, temporary staff to respond to workload issues and agency workers. This includes the Assessment and District Child Protection Teams which continue to have high demand and caseloads. The agency challenge panel continues to approve all usage of agency staff.
- External Placements for LAC overspent by £5.4m, of which £2.2m is due to the recent and sustained growth in the number of Independent Fostering Agency (IFA) placements which are not expected to significantly reduce over the medium term, together with £3.1m Residential and £0.7m on semi-independent spot placements. This is partially offset by a contribution from the Troubled Families Reserve of £0.6m. Overall external placements increased by 66 over the last 12 months, with growth

across all categories. As reported previously there are a range of initiatives being undertaken to help manage the longer-term budget demands in this area (reported to October 2018 CYP Committee).

There is an underspend of £0.6m in Early Help Services due to increased income generated by outdoor education in accordance with their commercial development, together with underspends in the Family Service.

There is a net £0.3 underspend across a range of other budgets.

4.2 Adult Social Care and Public Health (£2.5m underspend, 1.2% of Committee budget)

Within Adult Social Care and Public Health the main variances were:

- £1.5m underspend within Strategic Commissioning, Access & Safeguarding primarily due to £1.3m additional Client Contributions as a result of increased care packages and an underspend on the Advocacy contract.
- £1.0m overspend on Direct Services after incurring additional £1.8m redundancy costs in connection with the closure of the remaining Care & Support centres.
- A net £1.1m underspend across Community Care, primarily due to an additional £3.6m Continuing Health Care income, early delivery of future savings on reviews and an underspend on Direct Payments offsetting overspends on Residential and Nursing Care, Supported Accommodation and Homecare.

Within the above figures, Younger Adults were underspent by £1.3m due to additional income while Older Adults were £0.2m overspent.

In addition, there was a £0.9m underspend in Public Health, primarily on children services which was partly offset by a small overspend on smoking and tobacco activities. As the Public Health Grant is ringfenced, this underspend has been transferred to reserves for use in future years.

4.3 Communities and Place (£0.3m overspend, 0.2% of Committee budget)

There is an overspend of £1.5m against the SEND / home to school transport budget. A review of transport provision is currently taking place with reference to changing demand and the efficiency of routes.

The budget for concessionary fares has underspent by £0.5m following favourable contract settlement values with transport operators.

The highways retained client budget has underspent by £0.3m due mainly to an underspend on electricity and signals.

There is a net £0.4 underspend across a range of other budgets.

4.4 Policy (£0.2m underspend, 0.7% of Committee budget)

The underspend has arisen due to staff savings arising from the restructuring of the Chief Executives Department and underspends on the Local Government Reorganisation and IICSA budgets. These are offset by additional costs in the delayed transfer from Vodafone to EE as the mobile telecoms provider and additional costs on data network.

4.5 Finance and Major Contracts Management (£0.4m underspend, 13.1% of Committee budget)

The underspend has mainly arisen due to vacancy savings, lower than forecast audit fees and bank charges, and increased payroll insurance income, slightly offset by a shortfall in income from services provided to schools.

4.6 Governance and Ethics (£0.0m underspend, 0.4% of Committee budget)

There are no major variances to report.

4.7 Personnel (£0.3m underspend, 1.7% of Committee budget)

The underspend has arisen due to savings in the Business Support Centre and in Business Support, where there was a proactive holding of vacant posts to meet future savings targets, offset by an overspend on the Customer Services Centre budget to meet increases in demand.

4.8 Traders Services (£0.3m overspend)

Traders are expected to be neutral in cost for the year, with any underspend being transferred to reserves to fund future expenditure and any overspend being covered by a use of reserve. The position without use of reserves is that there is an overspend in County Supplies (£0.6m) and an underspend for Cleaning and Landscapes (£0.3m). County Supplies have exhausted their reserves, the 2018/19 overspend is therefore a cost to the general fund.

5 Central Items (£3.8m underspend)

Central Items primarily consists of interest on cash balances and payments on borrowing, contingency, capital charges and various grants. Key variances are outlined below. There are various minor under and overspend (net total £0.8m underspend) within the rest of central items category, details of which can be found in Appendix A.

5.1 Contingency (£4.2m underspend) (for detail please refer to Appendix C)

The total 2018/19 contingency budget was originally set at £9.6m, with £5.5m to cover both redundancy and general contingency requirements. A further £4.1m was set aside to provide for a number of demand and inflationary pressures identified that had a high degree of uncertainty with regard to likelihood, value and profiling. Requests were received throughout the year from Committees are approved through the budget monitoring reports presented to Finance and Major Contracts Management Committee or by the Service Director – Finance, Infrastructure and Improvement.

5.2 Government Grants (£6.5m underspend)

Several non-ring fenced grants sit centrally, but values are not normally confirmed until after the budget is set in the February of each year, which results in year-end variances to budget. Overall these grants have resulted in a £3.8m underspend. Also, as previously reported, the Council's membership of the Nottinghamshire Business Rates Pool results in a proportion of local growth being retained by the Council. In 2018/19 there is net additional income of £2.7m. The overall impact (taking into account budgeted use) on the N2 pool reserve and the Authorities share of the pool are described below in the reserves section.

5.3 Statutory Provision for Debt Redemption (£8.3m overspend)

The Council is under a statutory duty "to determine for the current financial year an amount of Minimum Revenue Provision (MRP) which it considers to be prudent". The MRP charged to the General Fund in 2018/19 has been determined at £8.3m. This includes a re-alignment adjustment of £1.7m to reflect MRP charges that exceeded what prudence required during the period from 1 April 2007 to 31 March 2016.

5.4 Interest (£0.6m underspend)

Interest payments depend upon Treasury Management decisions taken, expectations of future rates and anticipated slippage on the capital programme. Variances against each of these factors in 2018/19 has resulted in an underspend of £0.5m. Other interest and dividends received in year have achieved an underspend of £0.1m.

6 Movements on Balances and Reserves (for detail please refer to Appendix B)

6.1 Reserves Strategy

The Authority's reserves strategy was approved as part of the 2018/19 Annual Budget Report to Full Council in February 2018. The strategy included planned contributions to reserves to fund specific future priorities as well as planned use of reserves to fund in-year expenditure. To reflect the approved strategy in the 2018/19 accounts the necessary adjustments have been made. In addition, as also approved, the in-year overspend has been funded from the use of General Fund balances. The level of reserves will continue to be reviewed on a regular basis as part of the Authority's Financial Management processes. Further detail of the movement on balances and reserves are shown below.

6.2 General Fund Balance

The Council meeting on 28 February 2018 approved the use of £1.5m of General Fund Balances. Given the overspend that has materialised, it is recommended that a further contribution of £5.3m is made from the General Fund. Subject to Council approval, the closing balance of the Council's General Fund will reduce from £30.9m to £24.1m.

6.3 Other Earmarked Reserves

At the end of 2018/19 other 'earmarked' reserves totalled £105.8m, a decrease of £10.4m since 31 March 2018. This consists of the following:

- **PFI Reserves**

£30.2m of reserves are held for PFI schemes and this equates to 28.6% of other earmarked reserves. The arrangements for calculating PFI grant result in more grant being received in the early years of a PFI scheme than is needed to meet the payments to providers of the service. These surpluses need to be kept in an earmarked reserve to cover the corresponding deficits in later years. The amounts set aside at the end of 2018/19 are shown in the table below.

Table 2 – PFI set aside as at 31/03/2019

PFI Scheme	£'000
East Leake Schools	3,328
Bassetlaw Schools	1,905
Waste	24,993
Total	30,226

- **Insurance Reserve**

The Authority operates a self-insurance scheme and covers risks up to an agreed amount. External insurers cover risks in excess of this figure. The Insurance Reserve is set aside to cover possible insurance claim losses that are not yet known. The closing balance of this reserve is £29.6m.

- **Capital Projects Reserve**

The Capital Projects Reserve supports the Medium Term Financial Strategy as well as current and future capital commitments. In 2018/19 there was a net use of the reserve of £7.2m. As at 31 March 2019, the balance on the Capital Projects Reserve is £5.3m.

- **Strategic Development Fund**

It was approved that costs associated with the Programme and Projects team are funded from the capital receipts flexibility directive from 2017/18 to 2021/22. There remains £2.9m of reserve to fund transformation costs.

- **Workforce Reserve**

Following approval at February 2019 Full Council meeting, the Redundancy Reserve was combined with the surplus pension contribution reserves to make a wider ranging workforce reserve. This expanded reserve will cover potential pay protection, National Living Wage increases and Pension Strain, as well as covering Pension Contributions and Redundancy. There was a £0.4m contribution to this reserve resulting in a balance as at 31 March 2019 of £8.7m.

- **Earmarked for Services Reserves**

All departments have reserves for identified purposes. In addition, Financial Reporting Standards require grant income to be carried on the Balance Sheet as a reserve balance. This includes Public Health and Section 256 grants. During the year, these departmental balances decreased by a net £1.4m to £47.4m.

- **NDR Pool Reserve**

The pool was established in April 2013 when a new funding mechanism was introduced with the seven District and Borough Councils. There was a net decrease of £0.1m in this reserve during 2018/19. Of the £8.0m year-end balance £6.6m relates to the County's share of the pool surplus; the remaining balance (£1.4m) is funding set aside for N2.

- **Earmarked Reserve**

Earmarked reserves contain balances of reserves previously held under services but have been deemed no longer required for their original purpose. As part of the reserves strategy a revised budget of £2.9m was set and used in year. Following an exercise in the summer additional earmarked for services reserves have transferred in to leave the balance at £1.4m.

7 Capital Expenditure

7.1 Capital Expenditure in 2018/19 totalled £89.928m. Table 3 shows the final 2018/19 Capital Programme broken down by Committee.

Table 3 – 2018/19 Capital Expenditure

Committee	Revised Budget £'000	Total Outturn £'000	Variance £'000
Children & Young People	24,705	20,146	(4,559)
Adult Social Care & Public Health	3,523	2,823	(700)
Communities & Place	54,160	54,729	569
Policy	15,100	12,147	(2,953)
Finance & MCM	180	83	(97)
Governance & Ethics	7	-	(7)
Total	97,675	89,928	(7,747)

Note: These figures exclude any expenditure incurred directly by schools.

The major areas of investment in 2018/19 are listed in Table 4 below.

Table 4 – Major investment areas 2018/19

Committee	Scheme	2018/19 Capital Expenditure £'000
Children & Young People	School Places Programme	6,039
	School Capital Refurbishment Programme	5,030
	Bestwood Hawthorne New School	2,863
	Watnall Road New School	2,081
Communities & Place	Road Maintenance & Renewals	27,047
	VIA Purchase of Shares	5,025
	Integrated Transport Measures	5,742
	Street Lighting	2,788
Policy	Building Works	2,395
	Smarter Ways of Working	2,259
	Various IT Capital Projects	4,288

Capital Programme Variations

7.2 The changes in the gross Capital Programme for 2018/19, since its approval at Council (28/02/18) are summarised in Table 5 below.

Table 5 2018/19 Capital Programme

	£'000
Approved per Council (Budget Report 2018/19)	112,771
Variations funded from County Council Allocations : Net slippage from 2017/18 and financing adjustments	(21,875)
Variations funded from other sources : Net slippage from 2017/18 and financing adjustments	(968)
Revised Gross Capital Programme	89,928

7.3 Maximising the use of grants in 2018/19

Sometimes when there is slippage on a scheme funded by grant, rather than slipping the grant funding for use in the next year, it is possible to use the grant to finance the expenditure on a different scheme in the current year. This does not affect the total expenditure on individual schemes, nor their phasing, but delays the use of prudential borrowing and the consequent impact on the revenue budget of having to set aside a Minimum Revenue Provision (MRP).

Grant funding unapplied totalling £9.2m has been used to fund capital expenditure on projects in 2018/19 that would otherwise have been funded from borrowing.

7.4 Slippage/re-phasing of Capital Schemes

In addition to the slippage and re-phasing of schemes incorporated into the Budget Report 2018/19 there has been £8.8m of further slippage.

Main Areas of Slippage

- School Places Programme (£1.9m)
- Schools Building Improvement Programme (£1.8m)
- Gedling Access Road (£2.3m)

Capital Financing

7.5 Table 6 below outlines how the 2018/19 capital expenditure has been financed.

Table 6 - 2018/19 Capital Financing

	Revised Budget (£'000)	Out-turn (£'000)	Variance (£'000)
Funding Source:			
Prudential Borrowing	41,846	27,767	(14,079)
Capital Grants	52,496	58,246	5,750
Revenue / Reserves	3,333	3,915	582
Gross Capital	97,675	89,928	(7,747)

- 7.6 Capital receipts for 2018/19 totalled £4.3m. This is £2.6m less than anticipated in the 2018/19 budget report. This is mainly as a result of a small number of high value capital receipts that were not completed in 2018/19. £3.6m of the capital receipts have been used, per the capital flexibility directive, to fund one-off transformational costs incurred during the year. The remaining £0.7m has been set against the principal of borrowing in previous years.
- 7.7 Total borrowing for the year is £27.8m, which is £14.0m less than the revised budget for 2018/19 of £41.8m. This is as a result of maximising the use of additional capital grants received in 2018/19 and the slippage/re-phasing of capital expenditure to be funded from prudential borrowing. The corresponding funding (capital allocations) will be carried forward and incorporated into the Capital Programme for 2019/20.
- 7.8 The Capital Programme for 2019/20 will be monitored to ensure that borrowing for 2019/20 is managed within the prudential limits for the year. Funding by borrowing in 2019/20 is now projected to be £66.0m. Although this is £21.1m more than the budgeted borrowing figure in the February 2019/20 Budget Report, any new capital expenditure slippage in 2019/20 will offset this and the Council's overall level of indebtedness is not expected to exceed previous forecasts. The size of the revised Capital Programme for 2019/20 is £133.1m.

8 Treasury Management Activities

- 8.1 All treasury management activities during 2018/19 were carried out within approved limits and adhered to approved policies and practices. Appendix E provides a full report on these activities.

9 Statement of Accounts

The pre-audited Statement of Accounts were certified by the Section 151 Officer on 30th May 2019 and were published on the Council's website to meet statutory requirements. The external audit is currently underway, therefore figures will be provisional, pending the completion of the audit.

Statutory and Policy Implications

This report has been compiled after consideration of implications in respect of crime and disorder, data protection and information governance, finance, human resources, human rights, the NHS Constitution (public health services), the public sector equality duty, safeguarding of children and adults at risk, service users, smarter working, sustainability and the environment where such implications are material they are described below. Appropriate consultation has been undertaken and advice sought on these issues as required.

RECOMMENDATIONS

1. To comment on the provisional 2018/19 year-end revenue position.
2. To approve the level of County Fund Balances as set out in section 6.2 and Appendix A.
3. To comment on the movements in reserves as detailed in section 6 and Appendix B.
4. To comment on the Capital Programme and its financing.
5. To comment on the Council's 2018/19 Prudential Indicators out-turn as detailed in Appendix D.
6. To comment on the Treasury Management outturn report in Appendix E.

Councillor Richard Jackson

Chairman of Finance and Major Contracts Management Committee

For any enquiries about this report please contact:

Keith Palframan – Group Manager, Financial Strategy & Compliance

Constitutional Comments (KK 01/07/2019)

The proposals in this report are within the remit of Full Council

Financial Comments (GB 01/07/2019)

The financial implications are set out in the report.

Background Papers

None

Electoral Division(s) and Member(s) Affected

All

MANAGEMENT ACCOUNTS SUMMARY 2018/19

	2018/19 Final Budget £'000	2018/19 Draft Out-turn £'000	Variance £'000
Committee			
Children & Young People	120,990	127,256	6,266
Adult Social Care & Public Health	202,802	200,348	(2,454)
Communities & Place	122,168	122,449	281
Policy	34,337	34,090	(247)
Finance & Major Contracts Management	3,411	2,963	(448)
Governance & Ethics	7,306	7,280	(26)
Personnel	15,111	14,851	(260)
Net Committee Total	506,125	509,237	3,112
Schools Budget (after Dedicated Schools Grant)	397	397	-
Net Schools total	397	397	-
Trading Services	7	356	349
Central Items Managed through Finance & Property Committee			
Capital Charges included in Committees	(42,859)	(42,859)	-
Statutory Provision for Debt Redemption	-	8,300	8,300
Interest	19,876	19,323	(553)
Contingency	1,421	-	(1,421)
Pressures and Inflation Account	2,803	-	(2,803)
Flood Defence Levies	285	284	(1)
Pension Enhancements	2,100	1,556	(544)
Trading Organisations	1,250	1,467	217
Miscellaneous Inc and Exp / Write Offs	-	(506)	(506)
New Homes Bonus	(2,041)	(2,041)	-
Other Government Grants	-	(3,800)	(3,800)
Adult Social Care Support Grant	(2,204)	(2,204)	-
Business Rate returned growth to Partners	2,132	2,132	-
Additional Business Rate Growth Due to Pooling	-	(2,708)	(2,708)
Central Items	(17,237)	(21,056)	(3,819)
Expenditure prior to Use of Reserves	489,292	488,934	(358)

Reserves and Balances

Transfer to /(from) Corporate Reserves

PFI Reserves:

East Leake PFI	4	17	13
Bassetlaw PFI	53	7	(46)
Waste PFI	110	128	18
Insurance Reserve	6,000	6,000	-
Earmarked Underspendings	(2,850)	(2,850)	-
Historic Abuse Enquiry	(1,492)	(1,030)	462
Capital Projects	(8,189)	(8,085)	104
NDR pool projects	(581)	(622)	(41)
Additional Business Rate Growth Due to Pooling	-	2,708	2,708
Business Rate returned growth to Partners	(2,132)	(2,132)	-
Pensions Surplus / (Deficit) Contribution	-	436	436
Net transfer to /(from) Corporate Reserves	(9,077)	(5,423)	3,654

Transfer to /(from) Departmental Reserves

Children & Young People	(195)	(195)	-
Adult Social Care & Public Health	2,329	3,476	1,147
Community & Place	535	1,044	509
Policy	996	990	(6)
Finance & Major Contracts Management	-	-	-
Governance & Ethics	-	-	-
Personnel	(85)	(49)	36
Traders Reserves	(1,036)	(748)	288
Net transfer to /(from) Departmental Reserves	2,544	4,518	1,974

Transfer to/(from) General Fund	(1,529)	(6,799)	(5,270)
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Funding Required	481,230	481,230	-
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Funding

Council Tax/Surplus on Collection	351,743	351,743	-
Revenue Support Grant/Business Rates	129,487	129,487	-

Total Funding	481,230	481,230	-
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SUMMARY OF REVENUE RESERVES

	Brought Forward 01/04/2018 £'000	Use (-) in 2018/19 £'000	Contribution (+) 2018/19 £'000	Transfers 2018/19 £'000	Carry Forward 31/03/2019 £'000
General Fund Balances	30,870	(6,798)	-	-	24,072
Schools Reserves	19,919	-	3,132	-	23,051
Insurance Reserves	21,000	-	8,588	-	29,588
Other Earmarked Reserves					
Corporate Reserves					
Earmarked Reserves	3,353	(2,849)	-	944	1,448
Capital Projects	12,518	(7,617)	106	291	5,298
NDR Pool Reserve	8,126	(2,812)	2,708	-	8,022
East Leake PFI	3,235	-	93	-	3,328
Bassetlaw Schools PFI	665	-	1,240	-	1,905
Waste PFI	25,583	(718)	128	-	24,993
Workforce Reserve	8,311	-	436	-	8,747
IICSA Reserve	2,770	(1,030)	-	-	1,740
Strategic Development Fund	2,892	-	-	-	2,892
Earmarked for Services Reserves					
Trading Activities	1,671	(1,478)	840	-	1,033
Earmarked for Services Reserves	11,691	(1,772)	638	(875)	9,682
Revenue Grants	17,138	(5,163)	4,038	83	16,096
Section 256 Grants	18,276	(1,705)	4,474	(443)	20,602
Subtotal Other Earmarked Reserves	116,229	(25,144)	14,701	-	105,786
Total Usable Revenue Reserves	188,018	(31,942)	26,421	-	182,497

EARMARKED FOR SERVICES RESERVES DETAIL

	Brought Forward 01/04/2018 £'000	Use (-) in 2018/19 £'000	Contribution (+) 2018/19 £'000	Transfers 2018/19 £'000	Carry Forward 31/03/2019 £'000
Adult Social Care and Public Health					
Trading Activities	-	-	-	-	-
Earmarked for Services Reserves	7,537	-	-	(28)	7,509
Revenue Grants	11,831	(2,724)	3,202	97	12,406
Section 256 Grants	18,276	(1,705)	4,474	(443)	20,602
Children and Young People					
Trading Activities	297	(589)	761	-	469
Earmarked for Services Reserves	-	-	-	-	-
Revenue Grants	3,209	(1,526)	572	(9)	2,246
Section 256 Grants	-	-	-	-	-
Place					
Trading Activities	1,374	(889)	79	-	564
Earmarked for Services Reserves	3,436	(1,338)	638	(755)	1,981
Revenue Grants	2,098	(913)	264	(5)	1,444
Section 256 Grants	-	-	-	-	-
Resources					
Trading Activities	-	-	-	-	-
Earmarked for Services Reserves	718	(434)	-	(92)	192
Revenue Grants	-	-	-	-	-
Section 256 Grants	-	-	-	-	-
Total Earmarked For Services Reserves	48,776	(10,118)	9,990	(1,235)	47,413

ALLOCATIONS FROM CONTINGENCY

		2018/19	
		£000	£000
Opening Contingency Budget			5,500
Add on departmental transfers:			
LAC Savings correction		112	
			112
Revised contingency Total			5,612
Approved contingency requests			
HS2 Strategy		(246)	
Tour of Britain		(100)	
Great War Commemorations		(195)	
Social Impact Bond		(33)	
D2N2 Contribution		(63)	
Social Work Support Officers		(314)	
Property Transformation - Strategic Partner		(299)	
Trading Services Review		(78)	
Democratic Services - Re-structure		(115)	
Redundancy / Pension Strain		(2,748)	
Total Approved contingency requests			(4,191)
Reported under/ (over) spend on contingency			1,421

		2018/19	
		£000	£000
Opening Pressures and Inflation Account			4,100
Approved requests			
DoLS		(586)	
Flexible & Targeted Short Breaks		(367)	
Looked After Childrens Transport		(78)	
SEND Transport Growth and Inflation		(116)	
HM Coroner Service		(150)	
Total Approved requests			(1,297)
Reported under/ (over) spend on Pressures and Inflation Account			2,803

REPORT OF THE SERVICE DIRECTOR – FINANCE, INFRASTRUCTURE & IMPROVEMENT

MONITORING OF 2018/19 PRUDENTIAL INDICATORS

1. To provide an update the County Council's current position in terms of capital expenditure, external debt, financing costs as a percentage of net revenue stream and the capital financing requirement relative to the Prudential Code indicators identified in the 2018/19 budget report.

Background

2. The Prudential Code for Capital Finance in Local Authorities was developed by CIPFA as a professional code of practice to support local authorities in determining their programmes for capital investment. Local authorities are required by regulation to have regard to the Prudential Code under Part 1 of the Local Government Act 2003. Individual local authorities are responsible for deciding the level of their affordable borrowing, having regard to the Prudential Code. The Executive Summary of the Code states that "The objectives of the Prudential Code are to ensure, within a clear framework, that the capital investment plans of local authorities are affordable, prudent and sustainable, and that treasury management decisions are taken in accordance with good professional practice."
3. In particular, the Prudential Code requires the Council to be aware of the impact of financing capital expenditure on its overall revenue expenditure position. The costs of financing additional capital expenditure are the interest payable to external lenders and the amounts set aside to reduce the level of borrowing. In deciding whether or not borrowing is affordable, prudent and sustainable, the most important consideration is whether, over the term of the borrowing, these costs can be met from the revenue budget without unacceptable consequences.

Prudential Indicators

4. Monitoring Requirements

Under the Prudential Code, an authority is required to establish indicators that are sufficiently robust and credible for it to be able to use them to form a judgement as to whether its proposed capital investment is affordable, prudent and sustainable. The Prudential Code requires that the prudential indicators are monitored regularly throughout the year and that the actual values of some of them are reported at year end.

This report is concerned only with prudential indicators relating to capital investment.

5. Overview of Prudential Indicators

The following prudential indicators, whose actual values must be reported at year end, relate to affordability and prudence.

6. Estimate of capital expenditure

In any year, the level of capital expenditure is likely to deviate from the estimate in the budget report as a result of new additions to the Capital Programme, cancellations of schemes, and slippage, acceleration and changing specifications of projects. The Capital Programme is monitored on a monthly basis and variations to the Capital Programme are reported to Finance and Major Contracts Management Committee on a regular basis.

7. Estimate of the capital financing requirement (CFR)

The capital financing requirement is a measure of the Authority's underlying need to borrow for capital purposes. This relates to capital expenditure which has not yet been financed by capital receipts, capital grants or contributions from revenue income. This is not the same as external debt since the Authority manages its position in terms of borrowings and investments in accordance with its integrated treasury management strategy and practices. For example, rather than borrowing from an external body, the Authority may judge it prudent to make use of cash that it has already invested for long-term purposes, such as reserves, for 'internal borrowing'. This means that there is no immediate link between the need to borrow to pay for capital spending and the level of external borrowing.

In order to ensure that, over the medium term, net borrowing will only be for a capital purpose, the local authority should ensure that net debt does not, except in the short term, exceed the total of the capital financing requirement for the current and next two financial years. This is a key indicator of prudence.

8. External debt

External debt includes gross borrowing and other long-term liabilities.

9. Operational boundary for external debt

The operational boundary is the estimated maximum level of external debt in the most likely (i.e. prudent, but not worst-case) scenario. The operational boundary is a key management tool for in-year monitoring. It will probably not be significant if the external debt temporarily breaches the operational boundary on occasions due to variations in cash flow. However, a sustained or regular trend above the operational boundary would be significant and would require investigation and possible action (e.g. to ensure that borrowing, other than temporary borrowing, is not undertaken for purposes other than funding approved capital expenditure).

10. Authorised limit for external debt

The authorised limit is the intended absolute limit for external debt and exceeds the operational boundary by an amount that provides sufficient headroom for events such as unusual cash movements. If it appears that the authorised limit might be breached, the Service Director – Finance, Infrastructure and Improvement has a duty to report this to the County Council for appropriate action to be taken.

11. Financing costs as a percentage of net revenue stream

The Prudential Code requires the Council to be aware of the impact of financing capital expenditure on its overall revenue expenditure position. The relevant indicator is the financing costs of capital expenditure expressed as a percentage of the net revenue stream, where:

- the costs of financing capital expenditure are interest payable to external lenders less interest earned on investments plus amounts set aside to reduce the level of borrowing; and
- the net revenue stream is the amount of the revenue budget to be met from government grants and local taxpayers.

12. Prudential Indicators: Monitoring against 2018/19 Budget

The following table shows monitoring against those indicators that were approved for 2018/19 in the Budget Report to Council in February 2018.

Indicator	Comments												
Estimated capital expenditure (excluding Schools Devolved Formula Capital and schools' capital expenditure funded from their own revenue budget) 2018/19 Budget: £112.771m 2018/19 Actual: £89.928m	Current capital programme is £22.843m less than anticipated, as explained in the table: <table border="1"> <thead> <tr> <th>Reason</th><th>£m</th></tr> </thead> <tbody> <tr> <td>Slippage from 2017/18 to 2018/19</td><td>13.761</td></tr> <tr> <td>Re-phasing/slippage approved in-year</td><td>(28.857)</td></tr> <tr> <td>Other net variations</td><td>(7.747)</td></tr> <tr> <td>TOTAL</td><td>(22.843)</td></tr> </tbody> </table>	Reason	£m	Slippage from 2017/18 to 2018/19	13.761	Re-phasing/slippage approved in-year	(28.857)	Other net variations	(7.747)	TOTAL	(22.843)		
Reason	£m												
Slippage from 2017/18 to 2018/19	13.761												
Re-phasing/slippage approved in-year	(28.857)												
Other net variations	(7.747)												
TOTAL	(22.843)												
Estimated capital financing requirement (taking into account PFI Finance Lease Liabilities) 2018/19 Budget: £802m 2018/19 Actual: £752m	The actual level of the capital financing requirement was £50m less than the indicator, as explained in the table: <table border="1"> <thead> <tr> <th>Reason</th><th>£m</th></tr> </thead> <tbody> <tr> <td>Borrowing below budgeted level in 2017/18 (primarily due to slippage of expenditure funded by borrowing)</td><td>(26)</td></tr> <tr> <td>MRP repayments and voluntary contributions in 2018/19 (from capital receipts, revenue and reserves) lower than forecast</td><td>2</td></tr> <tr> <td>Variance in additions and repayment of Finance Lease Liabilities</td><td>(4)</td></tr> <tr> <td>Borrowing below budgeted level in 2018/19 (primarily due to slippage of expenditure funded by borrowing)</td><td>(22)</td></tr> <tr> <td>TOTAL</td><td>(50)</td></tr> </tbody> </table>	Reason	£m	Borrowing below budgeted level in 2017/18 (primarily due to slippage of expenditure funded by borrowing)	(26)	MRP repayments and voluntary contributions in 2018/19 (from capital receipts, revenue and reserves) lower than forecast	2	Variance in additions and repayment of Finance Lease Liabilities	(4)	Borrowing below budgeted level in 2018/19 (primarily due to slippage of expenditure funded by borrowing)	(22)	TOTAL	(50)
Reason	£m												
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Variance in additions and repayment of Finance Lease Liabilities	(4)												
Borrowing below budgeted level in 2018/19 (primarily due to slippage of expenditure funded by borrowing)	(22)												
TOTAL	(50)												

Indicator	Comments
<p>External debt (incl. PFI Finance Lease Liabilities)</p> <p>Authorised limit for borrowing: £563m Authorised limit for other long-term liabilities: £122m Authorised limit for external debt: £685m</p> <p>Operational boundary for borrowing: £538m Operational boundary for other long-term liabilities: £122m Operational boundary for external debt: £660m</p> <p>Actual borrowing: £482m Actual other long-term liabilities: £117m Total actual debt at 31/03/19: £599m</p>	<p>The actual level of external debt was below both the authorised limit of £685m and the operational boundary of £660m throughout 2018/19.</p>
<p>Financing costs as a percentage of net revenue stream (incl. impact of PFI Finance Lease Liabilities)</p> <p>2018/19 Budget: 8.2% 2017/18 Actual: 9.4%</p>	<p>The total of actual financing costs as a percentage of net revenue stream was above the budgeted figure as a result of lower than expected capital receipts income and a higher than anticipated MRP in 2018/19.</p>

13. Summary

The Prudential Code indicators will continue to be monitored and reported against budgeted figures.

REPORT OF THE SERVICE DIRECTOR – FINANCE, INFRASTRUCTURE AND IMPROVEMENT

TREASURY MANAGEMENT OUTTURN REPORT 2018/19

1. Purpose

To provide a review of the Council's treasury management activities for the year to 31 March 2019.

Information and Advice

2. Background

- 2.1 Treasury management is defined as 'the management of the council's investments and cashflows; its banking, money market and capital market transactions; the effective control of the risks associated with those activities; and the pursuit of optimum performance consistent with those risks'.
- 2.2 The Council's Treasury Management Strategy is approved annually by Full Council and there is also a mid-year report which goes to Full Council. Responsibility for the implementation, scrutiny and monitoring of treasury management policies and practices is delegated to the *Treasury Management Group*, comprising the Service Director (Finance, Infrastructure & Improvement), the Group Manager (Financial Services), the Senior Accountant (Pensions & Treasury Management) and the Senior Accountant (Financial Strategy & Accounting).
- 2.3 During 2018/19, borrowing and investment activities were in accordance with the approved limits as set out in the Council's Treasury Management Policy and Strategy. The main points from this report are:
 - All treasury management activities were effected by authorised officers within the limits agreed by the Council.
 - All investments were made to counterparties on the Council's approved lending list.
 - The Council's net borrowing position increased by £15.7m during the financial year.
 - Over the course of the year the Council earned 0.71% on its cash investments, compared with the average 7-day London Interbank BID (LIBID) rate for 2018/19 which was 0.57%.
 - Reports have been submitted to Council and the Finance and Major Contracts Management Committee as required.

3. Outturn Treasury Position

- 3.1 The Council's treasury management strategy and associated policies and practices for 2018/19 were approved in February 2018 by Full Council. The Service Director (Finance, Infrastructure & Improvement) complied with the strategy throughout the financial year.

Table 1. Treasury Position as at 31 March 2019		£m	£m	Average Interest Rate
EXTERNAL BORROWING				
Long-term				
Fixed Rate	PWLB	381.8		4.32%
	LOBOs	60.0		3.85%
	Other	30.0	471.8	3.80%
Short-term				
Fixed Rate	Other	-	-	
Total			471.8	
Other Long-Term Liabilities			117.1	
Total Gross Debt			588.9	
Less: Investments			(60.3)	0.77%
Total Net Debt			528.6	

Notes: PWLB = Public Works Loans Board

LOBOs = Lenders' Option, Borrowers' Option loans

Other = market loans taken directly from banks or via brokers

- 3.2 Table 1 above shows the Council's treasury portfolio position as at 31 March 2019. It can be seen from the snapshot of interest rates shown that it remains in the Council's financial interests to keep debt levels as low as possible (within the scope required to finance the capital programme) and maintain fairly low cash balances. Borrowing above this minimum amount increases both cost and credit risk.

4. Treasury Management Activities 2018/19

- 4.1 The Council manages its cash flows through borrowing and lending activities on the wholesale money markets. The Council has an approved list of counterparties for investment and aims to achieve the optimum return on investments commensurate with the proper levels of security and liquidity. Temporary borrowing may be utilised to cover short-term cash shortfalls, but no such borrowing was undertaken during 2018/19. All new borrowing was sourced from the PWLB.
- 4.2 The Council's lending of temporary cash balances over the year is summarised in Table 2 below.

Table 2 Lending of temporary cash balances	£m
Outstanding 31 March 2018	53.6
Amount lent during 2018/19	691.7
Amount repaid during 2018/19	(685.0)
Outstanding 31 March 2019	60.3

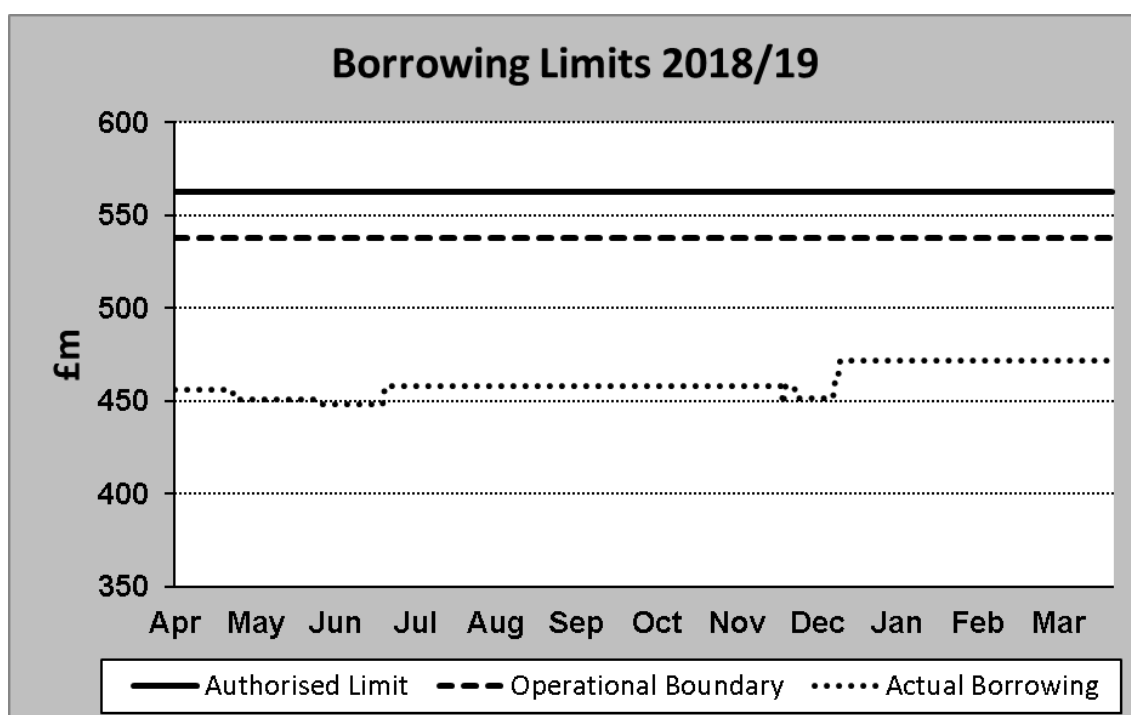
- 4.3 The Council's average cash investment level over 2018/19 was £71.5m (compared with £61.8m in 2017/18). The return achieved on this balance over the course of the year was 0.71% against a benchmark of 0.57% (7-day LIBID). Investment rates available in the market remain fairly low as a result of central bank inflation policies.
- 4.4 Table 3 shows the returns achieved by type of deposit. The Council made no fixed-term deposits 2018/19, as part of its strategy of keeping cash balances low but liquid. Hence the fixed-term balances shown in Table 3 relate to investments maturing in 2018/19 but made prior to 2018/19.

Table 3 Returns on Investments	Average Balance	Interest Earned	Average Return
	£000	£000	%
Fixed Term Investments	2,099	56.4	2.69
Call Accounts / Money Market Funds	69,357	454.3	0.66
Total	71,456	510.7	0.71

- 4.5 The table above shows that the use of fixed-term investments does allow a higher return to be achieved but this must always be weighed against the key concerns of security and liquidity. These investments were largely the tail end of Lloyds Bank 'Lend a Hand' investments (wherein the Council's cash was used to underwrite potential losses on specific mortgages in the local area) but generally cash tied up for longer periods is more exposed to credit risk. This is managed through the Council's policy for approving counterparties.

5. Long Term Borrowing

- 5.1 The Treasury Management Strategy for 2018/19 presented to Council in February 2018 outlined the Council's long-term borrowing strategy for the year. Long-term borrowing is sourced from either the market (including other local authorities) or from the PWLB.
- 5.2 The Council's treasury management strategy for 2018/19 assumed approximately £45m of new long-term borrowing over the course of the year. Actual new long-term borrowing was £40m, taken at an average rate of 2.34%, and an average length of 37 years.
- 5.3 Total external borrowing stood at £471.8m on the 31 March 2019 which is within the operational boundary of £538m agreed by the Council. The chart below shows that the level of external debt throughout the year was below the key treasury indicators of the authorised limit and the operational boundary, demonstrating that borrowing was within plan during the year. Further details on these treasury prudential indicators are provided in Appendix D.



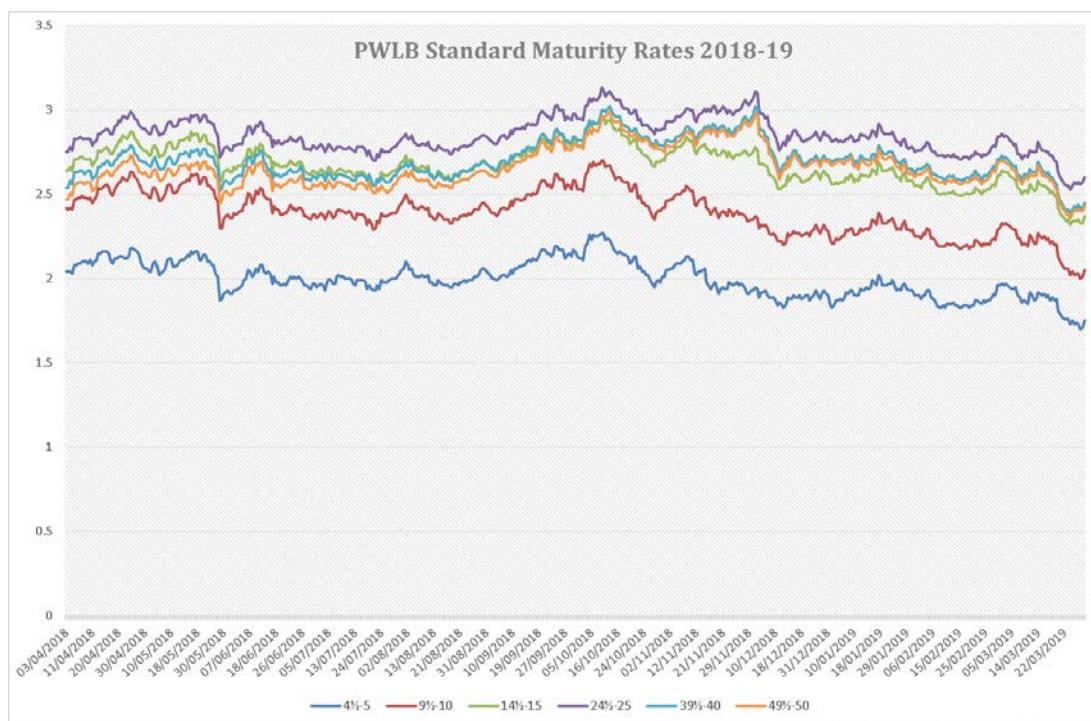
5.4 Table 4 shows the movement in long-term borrowing during 2018/19.

Table 4 Movements in Long-term Borrowing 2018/19

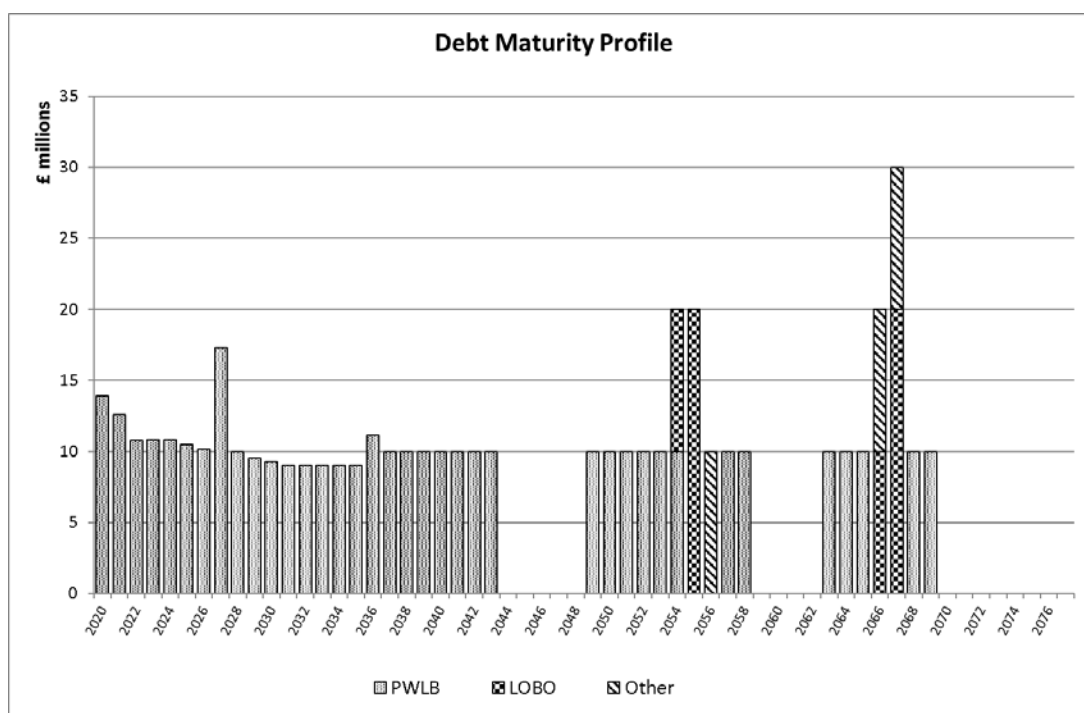
Lender	B/fwd 01/04/18 £m	Advances 2018/19 £m	Normal Repayments 2018/19 £m	Premature Repayments 2018/19 £m	C/fwd 31/03/19 £m
PWLB	351.1	40.0	(9.3)	-	381.8
LOBO	70.0	-	-	(10.0)	60.0
Market	35.0	-	(5.0)	-	30.0
Total	456.1	40.0	(14.3)	(10.0)	471.8

5.5 LOBOs are loans whereby the lender can opt, at specified dates, to increase the interest rate payable and the borrower can either accept the increased rate or repay the loan in full. These options constitute an interest rate risk for the Council. The loan portfolio included 7 LOBOs of £10m each at the start of the financial year, but one of these loans was redeemed in November 2018 at the request of the lender RBS, providing the Council with a small saving.

5.6 The movement in PWLB standard maturity rates over the course of 2018/19 is shown in the chart below. This shows that rates have been fairly stable with a slight downward trajectory and the occasional Brexit-related blip.



- 5.7 The chart below shows the debt maturity profile as at 31 March 2019. This is fairly evenly spread until 2044, thereby minimising refinancing risk. In this chart it is assumed that the remaining LOBO loans will run to maturity, and not be called at an earlier date. The average rate on all outstanding external debt at year-end was 4.22% (compared to 4.41% in 2018 and 4.56% in 2017), reflecting both the lower rates now available to the Council and the higher rates of the Council's maturing debt.



- 5.8 The Council always has the option of rescheduling its existing PWLB debt should market conditions indicate opportunities for savings. This is achieved by redeeming fixed rate debt and raising new debt at a lower rate of interest,

although current PWLB redemption rates invariably result in a prohibitive premium being charged. No financially attractive opportunities for debt rescheduling arose over the reporting period.

6. Prudential Indicators for Treasury Management

- 6.1 Table 6 below shows how the treasury management outturn position compares with the prudential indicators for the year. The objective of these indicators is to manage treasury management risks effectively. No indicators were breached during the year.

Table 6 TREASURY MANAGEMENT INDICATORS 2018/19	Approved limits	Outturn
Authorised Limit for external debt	£563m	£471.8m
Operational Boundary for external debt	£538m	£471.8m
Upper limit for Rate Exposure – Fixed	100%	100%
Upper limit for Rate Exposure - Variable	75%	0%
Upper limit for principal sums invested for over 364 days	Higher of £20m and 15%	£0m

- 6.2 Table 7 shows how the Council's debt portfolio is managed with regard to maturity structure. The aim here is to ensure that the risk of the Council having to replace maturing debt in any one year is minimised, as part of an overall Treasury Management risk strategy.

Table 7 Maturity structure of fixed rate borrowing	Approved Lower limit	Approved Upper limit	Outturn
under 12 months	0%	25%	4.3%
12 months and within 24 months	0%	25%	2.6%
24 months and within 5 years	0%	75%	6.8%
5 years and within 10 years	0%	100%	12.0%
10 years and above	0%	100%	74.3%
Adoption of CIPFA's Treasury Management in the Public Services Code of Practice and Cross Sectoral Guidance Notes			Adopted

REPORT OF THE CORPORATE DIRECTOR, PLACE**NOTTINGHAMSHIRE MINERALS LOCAL PLAN - PUBLICATION VERSION****Purpose of the Report**

1. To approve the Nottinghamshire Minerals Local Plan Publication Version (Regulation 19) ("the Publication Version") in light of a recommendation from the Communities and Place Committee from its meeting on 6 June:

"To recommend to Council that the Publication Version be published to enable representations to be received prior to submission of the Plan to the Secretary of State for independent examination."

Information and Advice

2. The Minerals Local Plan is a statutory document that all Minerals Planning Authorities must prepare. It identifies sites and sets out policies against which all minerals development proposals are assessed and determined by the County Council. The overall aim of the Plan is to ensure that sufficient minerals are provided to meet expected demand in the most sustainable way and to safeguard proven mineral resources from being unnecessarily sterilised by other development.
3. The current Minerals Local Plan was adopted in December 2005 and was prepared under previous Government legislation. This document is now out of date and work has begun on a new plan to replace it. The new plan will look ahead to 2036.
4. The preparation of the Plan began with an informal public consultation on the issues and options over the new plan period. The feedback from this consultation fed into the development in 2018 of the Draft Plan version of the Minerals Local Plan, which was published for consultation between the 27th July and the 28th September 2018.
5. In total 1744 representations were received from a total of 1101 organisations and individuals. This included statutory bodies, district and parish councils, neighbouring county councils, the minerals industry, interest groups and members of the public.
6. Since the consultation on the Draft Plan, the National Planning Policy Framework (NPPF) has been updated and was published in a revised form in February 2019. It has been

necessary to ensure that the Plan remains in accordance with the revised NPPF and some changes have been made to ensure this is the case.

7. The Publication Version, which incorporates changes in response to the consultation on the Draft Plan and to the NPPF, is appended to this report at Appendix A.
8. Preparation of the Publication Version has been informed by a significant body of evidence, which is already published on the Council's Minerals Local Plan webpage. Following the approval to publish and thereafter submit the Publication Version to the Secretary of State, these documents will be updated and/or supplemented as necessary. As documents are updated or created, they will be added to the Minerals Local Plan page of the Council's website.
9. The Publication Version is the final stage in the development of the Minerals Local Plan prior to submission to the Secretary of State for examination. It sets out the approach that the County Council considers is the most appropriate for future minerals development in Nottinghamshire.
10. Subject to approval by Council, the Publication Version will be published for a period of six weeks between 30th August and the 11th October 2019 to allow for formal representations on the soundness of the plan.
11. A Guidance Note will be published on the Minerals Local Plan webpage providing information on the tests of soundness and legal /procedural requirements along with a specific template/form on which responses should be submitted.
12. Following this six week period, the Council will submit the Publication Version to the Secretary of State for examination along with the evidence base and representations received. The Local Development Scheme (March 2018) currently identifies that the Council will submit the Minerals Local Plan for Independent Examination to the Minister for Housing, Communities and Local Government in January 2020 with the Examination commencing in March 2020.
13. At the Examination, the Inspector will consider the Publication Version, the evidence supporting it and representations received at the Publication (Regulation 19) stage and judge whether it is sound and whether it meets the legal and duty to cooperate requirements. The Inspector may suggest that the Council makes further modifications to the Plan in order to make it sound, before it is formally adopted by the Council. If the Inspector makes such a recommendation, the Council will not be able to adopt the Plan unless the Plan is modified accordingly.
14. It is currently anticipated that the Plan will be adopted in Autumn 2020.

Other Options Considered

15. Preparation of the Minerals Local Plan is a statutory requirement. Without an up to date planning policy framework in place, planning applications for minerals development could be submitted and decided on an ad-hoc / first come first served basis, resulting in a lack of

certainty for local communities and the minerals industry. The only other option would be stop preparation of the Plan with the above consequence and this is not considered appropriate.

Reason/s for Recommendation/s

16. To ensure that the Minerals Local Plan is approved and published in accordance with the constitution of the County Council.
17. To provide delegated authority for officers to:
 - a) make such minor changes as are considered necessary in conjunction with the publication, submission and adoption of the Plan; and
 - b) propose any modifications which are necessary in order to make the Plan sound.

Statutory and Policy Implications

18. This report has been compiled after consideration of implications in respect of finance, the public-sector equality duty, human resources, crime and disorder, human rights, the safeguarding of children, sustainability and the environment and those using the service. Appropriate consultation has been undertaken and advice sought on these issues as required.

Financial Implications

19. The costs of preparing and examining the Minerals Local Plan will be met through a reserve which has been established to cover these costs.

RECOMMENDATION/S

It is recommended that:

- a. **The Nottinghamshire Minerals Local Plan – Publication Version (Appendix A) be agreed and published for a period of six weeks from 30 August 2019 to 13 October 2019 in accordance with Regulation 19 of the Town and Country Planning (Local Planning) (England) Regulations 2012 (as amended);**
- b. **Following the conclusion of the publication period, the Nottinghamshire Minerals Plan be submitted to the Minister for Housing, Communities and Local Government for Independent Examination together with the submission documents prescribed by Regulation 22 of the 2012 Regulations;**
- c. **The Corporate Director, Place, in consultation with the Chair and Vice Chair of the Communities and Place Committee be authorised to make any further typographical, formatting, mapping and other minor changes considered necessary prior to publication and submission of the Local Plan to the Minister for Housing, Communities and Local Government and in preparation for adoption;**
- d. **The Corporate Director, Place, in consultation with the Chair and Vice Chair of the Communities and Place Committee be authorised to produce and submit any**

supplementary information and documentation to the Local Plan Inspector as may be required to complete the examination;

e. The Corporate Director, Place, in consultation with the Chair and Vice Chair of the Communities and Place Committee be authorised to write to the Local Plan Inspector appointed to carry out the Examination of the submitted Nottinghamshire Minerals Plan asking him/her to recommend such modifications to the submitted Local Plan as may be necessary to make the Plan sound and legally compliant, in accordance with section 20(7C) of the 2004 Act;

f. That the Corporate Director, Place, in consultation with the Chair and Vice Chair of the Communities and Place Committee be authorised to submit a schedule of proposed main modifications to the submitted Nottinghamshire Minerals Plan to address any issues relating to soundness and legal compliance which are identified;

g. The Nottinghamshire Minerals Plan be endorsed as a material consideration to be used in the determination of planning applications, with appropriate weight given in accordance with paragraph 48 of the National Planning Policy Framework;

Adrian Smith
Corporate Director, Place

For any enquiries about this report please contact Steven Osborne-James, Principal Planning Officer, Planning Policy Team, 0115 977 2109 or Stephen Pointer Team Manager Planning Policy

Constitutional Comments (RHC 26/6/2019)

20. Full Council is the appropriate body to consider the contents of this report by virtue of its terms of reference.

Financial Comments (RK 19/06/2019)

21. The costs of preparing and examining the Minerals Local Plan will be met through a reserve which has been established to cover these costs. The current balance of the reserve is £164,180.

Background Papers and Published Documents

A series of technical assessment documents have been prepared to support the development of the Nottinghamshire Minerals Local Plan and these can be found in full at: <http://www.nottinghamshire.gov.uk/minerals>

Electoral Division(s) and Member(s) Affected

All

Nottinghamshire Minerals Local Plan

Publication version

Full Council Version

11th July 2019

Low resolution version

30th August 2019 – 11th October 2019

Foreword

We have listened carefully to the needs of the minerals industry and the concerns of local residents to help us prepare an up-to-date Minerals Local Plan which will guide the future development of mineral planning in our county up to 2036.

Our aim is to ensure that our county can provide a steady and adequate supply of minerals over the plan period, by allocating the right number of quarries in the correct locations whilst providing adequate protection to communities and the environment.

The Publication Version of the Minerals Local Plan has been informed and prepared following several stages of informal consultation with local communities, statutory bodies and the minerals industry. The next stage is to undertake a period of formal consultation on the Publication Version before submitting the document along with the representations to the Government for an independent examination. This will be held by a planning inspector who will assess if the plan is sound and can be adopted by the County Council.

I hope you will respond in order to make sure that we can achieve a sound and workable plan for the future.

County Councillor Phil Rostance

Vice Chairman, Communities and Place Committee



Guide to this document

This is the publication version of the Nottinghamshire Minerals Local Plan which we intend to submit to the Secretary of State for examination. The Minerals Local Plan will set out the planning policy against which all proposals for minerals development will be assessed against. Following earlier, informal, stages of consultation this is your chance to make formal representations on the Minerals Local Plan. The formal period for making representations will last for six weeks and run from Friday 30th August 2019 to Friday 11th October 2019.

An independent inspector will then be appointed to hold a public examination to consider the soundness of the Minerals Local Plan. The inspector will produce a schedule for the examination setting out those issues he or she wishes to cover. You may have the opportunity to speak at the examination to present your case, but this will be at the discretion of the inspector. Everyone who responds to this consultation will be kept informed of the timetable for the examination.

If the inspector decides that the Minerals Local Plan is sound, the County Council will adopt it, along with any binding changes required by the inspector. If it is not found sound, we will need to make further amendments and re-consult, or we may have to withdraw the plan and start again.

How to make representations

If you would like to make formal representations on the Minerals Local Plan, we would encourage you to do so online via our website at www.nottinghamshire.gov.uk/minerals, using our interactive online representation system. However, you can also email or post us your representation form (available to download online, or by contacting us below). All representations must include the following information:

- Your name and contact details
- Which part of the Minerals Local Plan your comments refer to
- Whether you support or object
- If you are objecting, you must also include:
 - The grounds on which your objection is being made (see note on our website regarding soundness and legal compliance)
 - How you would like the plan to be changed and why.

<p>Online www.nottinghamshire.gov.uk/minerals Email planning.policy@nottscc.gov.uk Phone 0300 500 80 80 (customer contact centre) Post Planning Policy Team Nottinghamshire County Council County Hall West Bridgford, Nottingham NG2 7QP</p>
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Want to find out more?

If you would like to know more about the background to the Minerals Local plan, you can view all the supporting documents and evidence on our website or by contacting us via the methods above. Paper copies can be viewed at County Hall and reference copies of the Minerals Local Plan will be available at the main libraries and District/Borough Council offices during normal opening hours.

Supporting documents

The Minerals Local Plan is supported by a series of technical and assessment reports which include:

Local Aggregates Assessment (LAA)

The LAA summarises past aggregate production, the number of active quarries and the distribution of the extracted mineral. It includes 10 and 3 year average production figures as required by the National Planning Policy Framework (NPPF) and identifies key issues that could affect the future demand for aggregates over the next plan period. The LAA is produced on an annual basis taking account of the most recent production data.

Monitoring Report

These reports are produced at least annually and show how the County Council is progressing with preparing its new Local Plans and how well its' current adopted policies are being implemented.

Statement of Community Involvement (SCI)

This sets out how Nottinghamshire County Council will consult and engage with local people, statutory bodies and other groups during the preparation of the Local Plan and on mineral planning applications.

Sustainability Appraisal (SA)

The purpose of the SA is to promote sustainable development through better integration of sustainability considerations in the preparation and adoption of plans. SA helps local planning authorities to ensure that sustainable development is considered in the preparation of their plans. At the heart of the NPPF there is a 'presumption in favour of sustainable development' which should apply to plan and decision-making. SA has been an integral part of all stages of the preparation of the new Minerals Local Plan, with reports produced at each stage. This Publication version is accompanied by a Sustainability Appraisal report.

Strategic Transport Assessment (STA)

Consultation with the Highways Authority during the preparation of the Minerals Local Plan has indicated that each proposed site would not have significant impacts on the highway network if a relevant package of mitigation measures were implemented. However, a detailed strategic transport assessment has been completed to ensure that there are no unacceptable overall impacts on the highway network. This concludes that the highway impacts of new or extended mineral sites would be minimal and highlights appropriate mitigation measures, where relevant. In addition to these strategic findings, all sites will require a detailed transport assessment at the planning application stage.

Strategic Flood Risk Assessment (SFRA)

A Level 1 Strategic Flood Risk Assessment for the Nottinghamshire Minerals Local Plan has been undertaken by AECOM on behalf of the County Council. The purpose of this report was to assess and map the different levels and types of flood risk to inform the development of the Minerals Local Plan. In addition to the work carried out, all sites will require a site-specific Flood Risk Assessment at the planning application stage.

Biodiversity Opportunity Mapping

A project undertaken for the Sherwood and Trent Valley areas to identify particular opportunities for the enhancement, expansion, creation and re-linking of wildlife habitats across the county. The project will help to meet creation/restoration targets set in the UK Post 2010 Biodiversity Framework and Local Biodiversity Action Plan.

Habitats Regulation Assessment – Screening Report

A Habitats Regulation Assessment – screening report has been undertaken for the Nottinghamshire Minerals Local Plan by AECOM on behalf of the County Council. The screening report identifies any aspects of the plan that would cause a likely significant effect on the integrity of any European Sites, which include Special Areas of Conservation (SACs), candidate SACs, Special Protection Areas (SPAs) and potential SPAs (pSPAs) and Ramsar sites, both in isolation and in combination with other plans and projects. The report also determines whether appropriate assessment (AA) would be required in order to identify potential adverse effects on the integrity of any European sites.

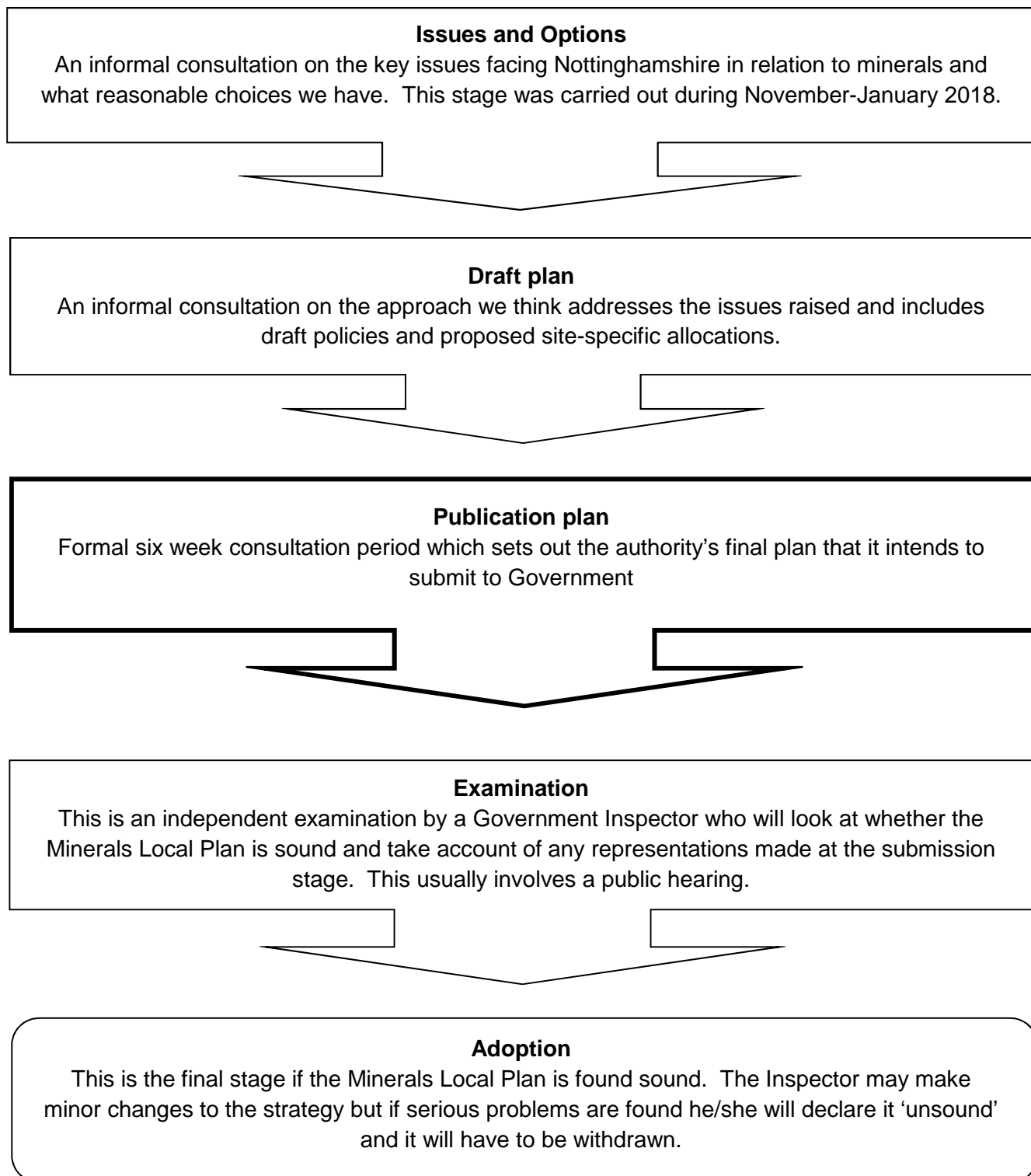
Site selection methodology and assessment report

A report has been prepared that sets out the key stages undertaken in identifying and assessing potential site allocations. The report summarises the key information from the series of technical assessment documents prepared to support the minerals local plan, and how this information has been used to identify the site-specific allocations.

How is the new Minerals Local Plan being prepared?

The preparation of the Minerals Local Plan includes a number of key consultation and other stages as illustrated below.

Key stages in preparing the new Minerals Local Plan



How to read this document

To help you follow this document each chapter is set out as follows:

Introduction

This is a short introduction to the topic, which gives the context for each of the topic/policy areas.

Policies

Policies are set out in these boxes

Where policies include land allocations, reference codes are used to identify each individual site. For site specific allocations the reference codes are based on the policy number (e.g. MP2 = sand and gravel)

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1. What is the new Minerals Local Plan

Introduction

- 1.1. The Nottinghamshire Minerals Local Plan forms the land use planning strategy for mineral development within the County up to 2036. It will provide the basis for the determination of mineral planning applications within the County. Its over-arching theme is the promotion of sustainable development and achieving the highest quality restoration possible. This means balancing the economic benefits and need for minerals against the social and environmental disruption and harm that their extraction can cause. Long term environmental gains can be achieved, for example, by creating wildlife habitats out of worked out quarries. Sustainability also means safeguarding mineral resources from unnecessary sterilisation so they can remain available for extraction for future generations.
- 1.2. The plan contains the following:
- An overview of the County in terms of population, transport, communications, the economy and resources, Green Belt, landscape, countryside, natural and built heritage, water, soil, air, health and climate, which will help us plan effectively for the future;
 - A long term Vision for mineral development in Nottinghamshire to 2036;
 - Strategic Objectives demonstrating how the Vision will be achieved
 - Strategic Policies covering the key issues of Sustainable Development, Minerals Provision, Biodiversity-Led Restoration, Climate Change, Sustainable Transport, The Built, Historic and Natural Environment, the Nottinghamshire Green Belt and minerals safeguarding, consultation areas and associated minerals infrastructure;
 - Mineral Provision Policies setting out the mineral requirements during the plan period to 2036, including land allocations to meet this demand;
 - Development Management Policies, the purpose of which is to deliver the strategic policies and objectives by providing the criteria against which future minerals development will be assessed. They relate specifically to individual, site level criteria such as environmental impacts and standards and provide guidance about how planning applications for minerals development in the County will be assessed;
 - A framework by which the implementation of and subsequent effect of the plan and its policies can be monitored and reviewed; and
 - A Policies Map which identifies site allocations/policies and site-specific Development Briefs.
- Replacing our existing minerals policies**
- 1.3. The new Nottinghamshire Minerals Local Plan will replace the existing saved policies contained in the Nottinghamshire Minerals Local Plan which was adopted in 2005.

- 1.4. This document can be made available in alternative formats or languages on request.

2. Overview, Vision and Strategic Objectives

Overview of the Plan Area

- 2.1. Planning effectively for the future means having a good understanding of our current situation and what is likely to change. It is important to take account of environmental assets including our countryside, wildlife and heritage, as well as the quality of life and well-being of our communities.
- 2.2. Nottinghamshire is well known for its historic past, linked to tales of Robin Hood and its industrial heritage based on textiles and coal, but it also has an ambitious future with a growing population of over one million people and a diverse and expanding economy.
- 2.3. Nottinghamshire is part of the East Midlands, but also shares a boundary with South Yorkshire. Northern parts of Nottinghamshire therefore have significant employment, housing and business links with Sheffield, and the metropolitan areas of Barnsley, Rotherham and Doncaster. The more urbanised west of the County is also closely linked to neighbouring Derbyshire, with more rural eastern parts of the county having a similar character to neighbouring parts of Lincolnshire. In the south, Nottingham is a major regional centre with close physical links to the neighbouring cities of Derby and Leicester. Consequently, there is a significant overlap of housing areas; business and employment between these three cities (see Plan 1 below).

Population

- 2.4. Nottinghamshire has a population of over 800,000 residents. Around two thirds of the County's population live in the south of the county, or close to Nottingham. Most of the remainder live in, or close to, the other main towns of Mansfield, Kirkby-in-Ashfield, Sutton-in-Ashfield, Hucknall, Worksop, Newark and Retford. Up to 60,000 new homes are planned across Nottinghamshire over the next 10 -15 years. Although outside the plan area, significant housing and infrastructure growth is also expected in Nottingham which could affect surrounding areas.

Transport and Communications

- 2.5. Road and rail links to the rest of the UK are generally good, especially via the main north-south routes of the M1, A1, A46 and direct rail links to London from Retford, Newark and Nottingham. Passenger rail links between Nottinghamshire and London are set to improve with the planned introduction of the High Speed 2 (HS2) rail link. Road links to the M1 have been enhanced with the widening of the A453 into Nottingham.

- 2.6. Most freight, including minerals, is currently moved by road rather than rail although there is some use of the County's network of rivers and canals for transport. The River Trent, especially, is a major waterway flowing from Nottingham to Newark and then northwards to the Humber, forming part of the County's eastern boundary.
- 2.7. Although just outside the County, both East Midlands Airport at Castle Donnington and Robin Hood Airport near Doncaster provide national and international passenger and freight services.

Employment, Economy and Resources

- 2.8. This connectivity makes the County an important centre for warehousing, distribution, and other service-based industries, which are replacing the more traditional industries of coal-mining, textiles and manufacturing, especially around Mansfield, Worksop and Newark.
- 2.9. Here, the legacy of former coal mining and heavy industry has left a surplus of derelict land and opportunities for enterprise and redevelopment. Nottingham and its surrounds also provide a major centre for technology, financial, knowledge and science-based industries. Away from the main urban areas, agriculture and forestry are no longer major employers but still make up much of the County's rural landscape, particularly to the south and east. Minerals and energy production are important in parts of the County, especially sand and gravel extraction from the Trent and Idle Valleys and the four major power stations along the River Trent.
- 2.10. Nottinghamshire's economy generally compares well to the rest of the UK, with key urban areas expected to be the focus of significant housing and commercial development in future. However, there are also wide inequalities in the rates of employment, income, education and skills across the County, most notably in former mining areas.

Green Belt

- 2.11. In Nottinghamshire the Green Belt covers land around Greater Nottingham, Nottingham City and rural village areas. It covers more than 43,000 ha and exists to prevent towns from merging, limit urban sprawl and to safeguard the countryside (see Plan 1 below). National policy states that minerals extraction is not inappropriate in the green belt provided the openness of the green belt is preserved and where it would not conflict with the purposes of including land in the green belt.

Landscape and Countryside

- 2.12. The County's landscape is characterised by rich rolling farmlands to the south, with a central belt of mixed woodland and commercial forestry, giving way to

heathland in the north and open, flat agricultural landscapes to the east. Although agriculture is a relatively small industry today, large parts of the County are made up of good quality agricultural land with the highest quality (Grade 1) being concentrated in the northern part of the County. The six country parks around Nottinghamshire provide valuable areas of open space.

Nature

- 2.13. Nottinghamshire supports a wide range of important sites for nature conservation, including a Special Area of Conservation within Sherwood Forest, near Edwinstowe, that is of international importance. A large part of central Nottinghamshire is also being considered as a possible potential Special Protection Area for birds which would provide protection at the international level under European regulations. The quality of Nottinghamshire's natural environment has suffered in the past from the impacts of development and there has been a significant decline in biodiversity, with losses of ancient woodland, heathland, species-rich grassland, hedgerow and wetland habitats, as well as the species that these habitats support. Despite this decline, there remains a network of important SSSIs and Local Wildlife Sites across the county, representing a wide range of habitats found on the varying geology of the county. Some of these historic declines are now being halted, and in some cases reversed, with neglected sites brought into positive management and new areas of habitat created as a result of the activities of partner organisations in the Nottinghamshire Biodiversity Action Group, by initiatives such as Environmental Stewardship and the English Woodland Grant Scheme, and as a result of restoration schemes. This action is being co-ordinated and quantified through the Nottinghamshire Local Biodiversity Action Plan.

Heritage

- 2.14. Nottinghamshire's heritage is very diverse. Creswell Crags on the Nottinghamshire-Derbyshire boundary has the most northerly Ice Age cave art in the world. The historic landscape of the Trent Valley is an important area for archaeological remains of prehistoric settlement. There is important evidence of Roman field patterns in the north of the County and the modern day A1 and A46 follow the line of old Roman routes. Evidence of Viking influence is apparent in many of the County's place names. Sherwood Forest boasts a unique heritage of folklore, monasticism and large country house estates (the Dukeries). The County has a fine collection of historic market towns including Worksop, Newark, Retford, Mansfield and Southwell. They are all rich in architectural and archaeological heritage. The Rivers Trent and Idle, which historically provided important cultural and trade links and the focus of many of our early settlements, are still relied on today by industry, agriculture and the County's power stations.
- 2.15. For hundreds of year's coal mining and other quarrying was very significant in the west of the County. Nottingham's industrial past was dominated by the textile

industry throughout the 18th, 19th into the 20th centuries and has left a rich built heritage. The majority of Nottinghamshire's conservation areas, listed buildings, historic parks, and Scheduled Ancient Monuments are in good condition, but a proportion (around 10%) are in a vulnerable condition or situation.

Water, Soil and Air

- 2.16. Much of Nottinghamshire is underlain by important groundwater resources (principal and secondary aquifers) used for industry, agriculture and drinking water. The Rivers Trent and Idle also provide important surface water resources. Whilst water quality is good overall, there are problems with the level of nitrates in the soil in large parts of the County which can in turn affect water quality. The whole of north Nottinghamshire is therefore designated as a nitrate vulnerable zone.
- 2.17. Flood risk varies across the County and, although there are several areas at risk of localised surface flooding, the main risk comes from the River Trent, especially around Nottingham and Newark and in some of the outlying villages.
- 2.18. Air quality is generally good across the County but several Air Quality Management Areas (AQMAs) have been designated around Nottinghamshire because of known traffic and congestion problems.

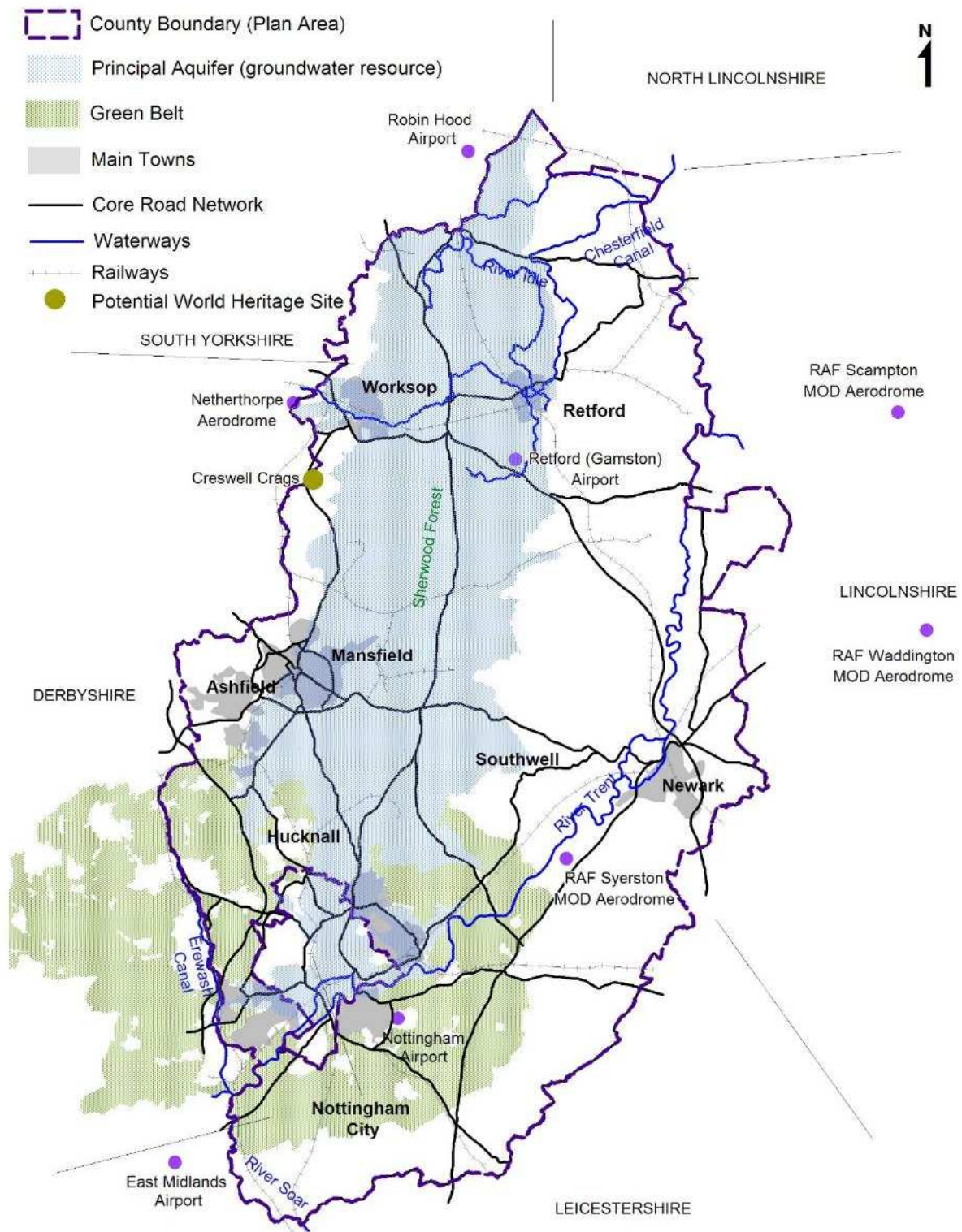
Health

- 2.19. Overall health indicators are slightly lower than both the regional and national average although life expectancy has recently grown closer to the national average. There are also wide variations in life expectancy with a twelve-year gap in average life expectancy between the least and most deprived wards. In some areas low levels of income, and high levels of unemployment and stress, are seen as having a significant impact on health and wellbeing. The main urban areas of Mansfield and Ashfield are worst affected, whilst more rural, affluent areas within Rushcliffe and Gedling generally fare far better in line with national trends. Obesity, amongst both children and adults is also a concern.

Climate

- 2.20. Parts of Nottinghamshire have already experienced more frequent and heavier flooding previously and, overall, this pattern is expected to continue. In common with the rest of the UK there is also an increased likelihood of higher average temperatures, drier summers, wetter winters and more frequent and extreme storms.

Plan 1: Overview of the Plan area



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Principal Aquifer derived from Environment Agency data © Environment Agency 2010
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Nottinghamshire's mineral resource and industry

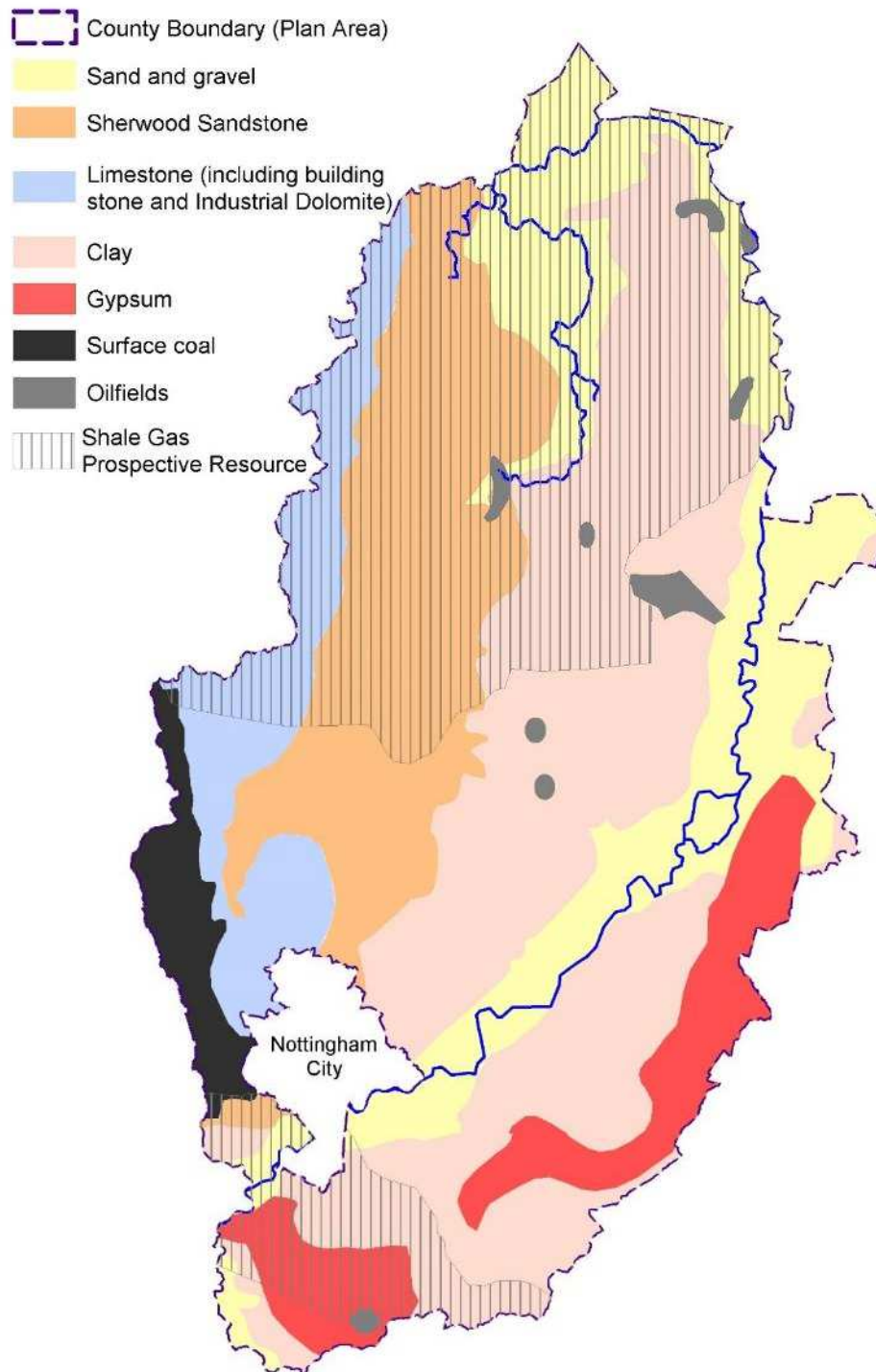
- 2.21. Nottinghamshire is rich in minerals and most widely known for its coal mining industry which has had a major impact on the social and economic development and environment of many parts of the County. The legacy of the coal industry is still very evident; the most visible reminders are the large spoil tips, many of which have been restored but some still present environmental issues. Most former colliery sites have now been redeveloped to provide new employment opportunities for communities that were hit hard with the closure of collieries.
- 2.22. Today, sand and gravel is the biggest extractive industry in the County. Most quarries work the river deposits found in the Trent and Idle valleys, although Sherwood Sandstone is also exploited. This activity has transformed large areas of the Trent and Idle Valleys into wetlands and in doing so has changed the landscape character of the area. Some former workings are now used for sports and recreation and others have become important wildlife habitats. As the County has suffered from a loss of habitats, sand and gravel restoration schemes have had a very significant role in redressing the balance.
- 2.23. Gypsum is another major minerals industry in Nottinghamshire, and has been extensively mined in the south of the County and quarried between Newark and Kilvington. The associated plasterboard and plaster works that these mineral operations support are important local employers although few are actually directly employed in the extractive process itself.
- 2.24. Other minerals worked are brick clay, silica sand, building stone, aggregate limestone, and oil. Some of these minerals also support locally important associated industries such as brick works.
- 2.25. Building stone was worked much more extensively in the past and has contributed towards the traditional character of many villages and historic buildings. Today extraction is limited to just one small quarry.
- 2.26. Nottinghamshire has potential mineral resources that have not been exploited but which could be in the future. This includes industrial dolomite found in a small area in the north west of the County and potential shale gas resources which are thought to exist in the north and the south of the County. Plan 2 illustrates the geological resource of Nottinghamshire.
- 2.27. Nottinghamshire has traditionally supplied large amounts of sand and gravel to neighbouring authorities. This is due both to the high-quality of the sand and gravel found in the county and a shortage of suitable mineral in other areas, particularly in the Rotherham and Doncaster areas. The trend is likely to continue in future although resource depletion in the Idle Valley (in the north of the county)

could reduce the amount exported to Rotherham and Doncaster in the longer term.

- 2.28. Aggregate limestone (crushed rock) resources are relatively limited in the county and this combined with the large reserves found in Derbyshire and Leicestershire has resulted in the majority of limestone consumed being imported from the two adjoining authorities.
- 2.29. This flow of aggregate minerals both in and out of the county provides the opportunity to work with other Mineral Planning Authorities to manage these movements and minimise the environmental impacts of the extraction.

Plan 2: Nottinghamshire's mineral resources

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British Geological Survey. 2013. Digital Geological Map of Great Britain 1:625 000 scale (DiGMapGB-625) Superficial Deposits data [CD-Rom] Version 1.10. Keyworth, Nottingham: British Geological Survey. Release date 03-07-2013

Vision

- 2.30. The vision for managing minerals seeks to address the issues facing the Plan Area and take into account the views of local communities and other stakeholders as well as supporting the delivery of national planning policies. The broad aims are then developed in more detail in the Strategic Objectives, the policies, and the Implementation section.

“Over the plan period to 2036 minerals will continue to be used as efficiently as possible across Nottinghamshire. Minerals are a valuable natural resource and should be worked and used in a sustainable manner and where possible reused to minimise waste

Mineral development will be designed, located, operated and restored to ensure that environmental harm and impacts on climate change are minimised.

Within geological constraints, mineral development will be concentrated in locations that offer the greatest level of accessibility to the major markets and growth areas and to sustainable transport nodes to encourage sustainable patterns and modes of movement.

Nottinghamshire will continue to provide minerals to meet its share of local and national needs. Sites will be available to support the economic, social and environmental benefits of sustainable growth. Minerals reserves, and minerals related infrastructure will be identified and safeguarded against inappropriate development. Consumption will be minimised, by promoting the use of secondary and recycled minerals.

Quarries will be designed, operated and managed in ways which help to reduce flood risk, particularly in the Trent Valley flood plain, manage surface water sustainably and maintain or enhance water quality.

All mineral workings will contribute towards ‘a greener Nottinghamshire’ by ensuring that the County’s diverse environmental assets are protected, maintained and enhanced through appropriate working, restoration and after-use and by ensuring that proposals have regard to Nottinghamshire’s historic environment, townscape and landscape character, biodiversity, geodiversity, agricultural land quality and public rights of way. This will result in improvements to the environment, contribute to landscape-scale biodiversity delivery, including through the improvements to existing habitats, the creation of large areas of new priority habitat, and the re-connection of ecological networks, with sensitivity to surrounding land uses.

The quality of life and health of those living, working in, or visiting Nottinghamshire will be protected.”

Strategic Objectives

2.31. The following objectives have been identified as central to achieving the delivery of the spatial vision for future Minerals development in Nottinghamshire:

SO1: Improving the sustainability of minerals development

Ensure more efficient exploitation and use of primary mineral resources by minimising waste, increasing levels of aggregate recycling and the use of alternatives from secondary and recycled sources. Secure a spatial pattern of mineral development that efficiently delivers resources to markets within and outside Nottinghamshire. Prioritise the improved use or extension of existing sites before considering new locations. Make use of sustainable modes of transport.

SO2: Providing an adequate supply of minerals

Assist in creating a prosperous, environmentally sustainable and economically vibrant County through an adequate supply of all minerals to assist in economic growth both locally and nationally. Provide sufficient land to enable a steady and adequate supply of minerals over the plan period.

SO3: Addressing climate change

Minimise and mitigate the impact of mineral developments on climate change by encouraging efficient ways of working including reductions in transport and onsite machinery emissions. Reduce existing and future flood risks linked to, and aid in adaptation to, climate change through good quarry design and operation, water management, location of plant and appropriate restoration, particularly for quarries in the Trent Valley flood plain. Contribute to climate change adaptation by relinking fragmented habitats and creating new areas of habitat to allow the migration and dispersal of species.

SO4: Safeguarding of mineral resources and associated minerals infrastructure

Protect the County's potential mineral resources of economic importance and associated minerals infrastructure from development which would prevent or hinder their future use.

SO5: Minimising impacts on communities

Minimise the adverse impacts on Nottinghamshire's communities by protecting their quality of life and health from impacts such as traffic, visual impact, dust, water resources etc. Make sure that local people have the opportunity to be involved in decisions about new mineral developments by providing information, encouraging wider involvement and targeting key groups or individuals where appropriate. Protect and enhance rights of way and access to open space.

SO6: Protecting and enhancing natural assets

Conserve and enhance Nottinghamshire's natural environment including its distinctive landscapes, habitats, geology, wildlife species and ecological health of water bodies by avoiding, minimising and mitigating potential negative impacts.

Maximise net biodiversity gain by enhancing and re-connecting existing habitat and creating new habitat through a landscape-scale approach. Support minerals development that provides long term enhancements to landscape character and avoids damaging the highest quality landscapes.

S07: Protecting and enhancing historic assets

Protect and where appropriate enhance Nottinghamshire's distinct historic environment. Ensure designated and non-designated heritage assets and their settings are adequately protected and where appropriate enhanced. Recognise the important role of locally sourced building stone in the repair of heritage assets and in maintaining local distinctiveness.

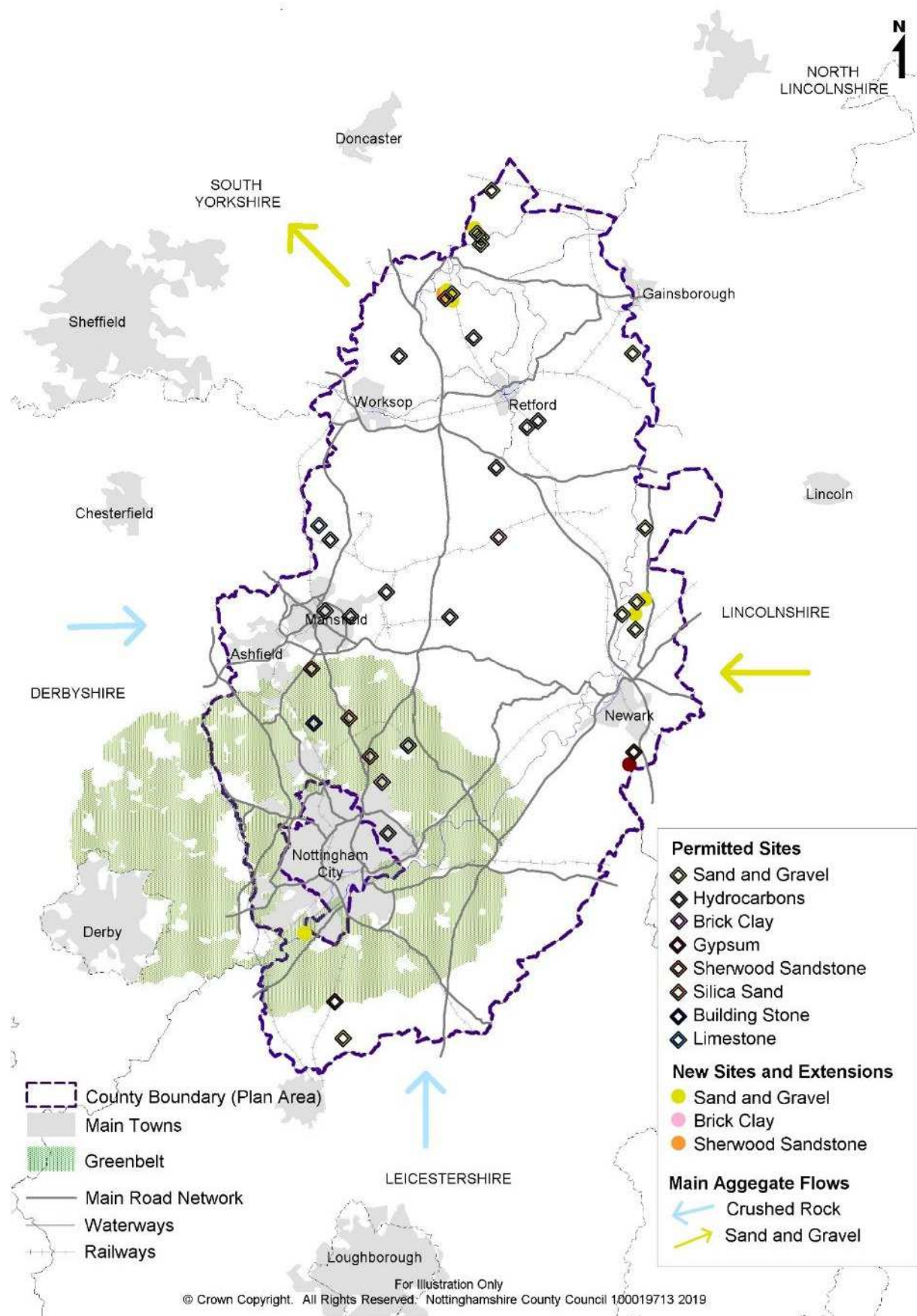
S08: Protecting agricultural soils

Support minerals developments that will safeguard the long-term potential of best and most versatile agricultural soils.

Key Diagram

- 2.32. The components of the spatial strategy are illustrated on the Key Diagram below (Plan 3). It shows the main supply sources for aggregates and the principal constraints.
- 2.33. The Key Diagram is intended to be a diagrammatic interpretation of the Spatial Strategy set out in this document and is not intended to portray any specific site activity or proposal with spatial accuracy.
- 2.34. The remaining sections of the Plan develop the Spatial Strategy's principles and objectives. Specific details relating to the policies are shown on the Policies Map.

Plan 3: Key Diagram.



3. Strategic Policies

- 3.1. The strategic policies within this chapter are designed to deliver the vision and objectives of the Minerals Local Plan and provide the overall framework for future minerals development within Nottinghamshire. They are designed to ensure that the right amount of minerals development takes place in appropriate locations, and at the right time, whilst protecting local amenity and the built, natural and historic environment. The strategic policies should be read alongside the more detailed minerals provision and development policies in Chapters 4 and 5.

Presumption in favour of sustainable development

- 3.2. National planning policy is clear that the purpose of the planning system is to contribute to the achievement of sustainable development through the three overarching objectives of securing overall economic, social and environmental gains. Planning policies and decisions should actively guide development towards sustainable solutions that reflect the local character, needs and opportunities of each area.
- 3.3. When considering development proposals, the Council will take a positive approach that reflects the presumption in favour of sustainable development contained in the National Planning Policy Framework. The Council will work proactively with applicants to jointly find solutions which mean that proposals can be approved wherever possible, and to secure development that improves the economic, social and environmental conditions in the area.
- 3.4. Planning applications that accord with the policies in this Local Plan (and, where, relevant, with policies in other plans which form part of the development plan) will be approved unless material considerations indicate otherwise.
- 3.5. Where there are no policies relevant to the application, or relevant policies are out of date at the time of making the decision, the Council will grant planning permission unless material considerations indicate otherwise – taking into account whether:
- a) The application of policies in the NPPF that protect areas or assets of particular importance provides a clear reason for refusing the development proposed or
 - b) Any adverse impacts of doing so would significantly and demonstrably outweigh the benefits, when assessed against policies in the NPPF taken as a whole.
- 3.6. It is a national planning objective that planning, including planning for mineral development supports the transition to a low-carbon economy, taking into account flood risk, water supply and changes to biodiversity and the landscape. All new mineral development proposals will be expected to be planned from the outset to

avoid increased vulnerability to the range of impacts resulting from climate change and care will need to be taken to ensure any potential risks can be managed through suitable adaptation measures.

SP1: Minerals Provision

Introduction

- 3.7. Minerals are essential to support economic growth and quality of life by providing the raw materials to create new infrastructure, buildings and goods as well as providing energy and a source of local jobs. Nottinghamshire is rich in minerals and supplies a wide range of markets both regionally and nationally. In line with national policy, it is important to identify suitable reserves to provide a steady and adequate supply of construction, industrial and energy minerals to meet future needs.
- 3.8. Minerals are a finite natural resource and can only be worked where they are found. It is therefore essential that the best use of available resources is made in order to secure their long-term conservation. Within Nottinghamshire the priority is therefore to extend existing sites, in preference to developing new sites, and to encourage the use of secondary and recycled aggregates far as possible (see Policy MP5) and safeguard important resources from sterilisation (see Policy DM13).

Policy SP1 – Minerals Provision

1. The strategy for the supply of minerals in Nottinghamshire is as follows:
 - a) Identify suitable land for mineral extraction to maintain a steady and adequate supply of minerals during the plan period;
 - b) Give priority to the extension of existing sites, where economically, socially and environmentally acceptable;
 - c) Allow for development on non-allocated sites where a need can be demonstrated; and
 - d) Ensure the provision of minerals in the plan remains in-line with wider economic trends through regular monitoring.
2. All proposals for mineral development must demonstrate that they have prioritised the avoidance of adverse social, economic and environmental impacts of the proposed development.

Justification

- 3.9. To ensure that adequate and steady supplies can be maintained the National Planning Policy Framework sets out specific requirements for the different types of minerals according to their end use and the need to maintain a landbank of permitted reserves for certain minerals. Where the existing level of reserves is not sufficient for the plan period, the Minerals Local Plan must identify suitable land to meet the expected shortfall. As part of preparing this plan, the Council has carried

out a detailed assessment of its remaining permitted mineral reserves and identified where additional reserves should be provided. Therefore, alongside the strategic position set out in policy SP1 above, policies MP1 – MP12 make specific provision for each of the minerals which are likely to be worked in Nottinghamshire during the plan period.

- 3.10. Extending existing sites, where feasible, is considered to be more sustainable than developing new sites. This can be more efficient as the existing site access and processing plant can be used to recover mineral that may not otherwise be worked and the environmental impacts are generally less than those associated with opening up a new site. However it is important that the potential cumulative impacts of continuing minerals development are considered in all cases. All new proposals, whether allocated or otherwise, will need to be assessed in terms of their impact on local communities and the environment including matters such as landscape, heritage, biodiversity and climate, and what contribution they would make to achieving local and national biodiversity targets. These issues are set out in more detail within the detailed development management policies DM1-17 which provide appropriate safeguards for the location, operation, restoration and after-use of future minerals sites.

SP2: Biodiversity- Led Restoration

Introduction

- 3.11. Nottinghamshire County Council promotes a restoration led approach when considering proposed mineral workings. It is seen as vital that the restoration and future use of the land is addressed at the outset not just at the pre-application discussion stage of preparing planning applications.
- 3.12. The County Council aims to ensure mineral sites are reclaimed in a way that seeks to maintain and significantly enhance the County's diverse environment and biodiversity, in line with Local Plan Strategic Objective 6.
- 3.13. Restoration should be seen as an integral part of the management and phasing of the whole extraction process. This includes biodiversity, landscape, economic and recreational opportunities. This does not mean placing an added onus or burden upon the minerals industry, rather it ensures that appropriate restoration solutions are formulated and opportunities are realised.
- 3.14. It is recognised that restoration for leisure uses or for agriculture may be appropriate. Nevertheless, such restorations can still be 'biodiversity-led', for example by ensuring that agricultural restorations reinstate native hedgerows with wide field margins, and create new areas of species-rich grassland, copses and ponds.

Policy SP2 – Biodiversity-Led Restoration

1. Restoration schemes that seek to maximise biodiversity gains in accordance with the targets and opportunities identified within the Nottinghamshire Local Biodiversity Action Plan will be supported.
2. Where appropriate, schemes will be expected to demonstrate how restoration will contribute to the delivery of Water Framework Directive objectives.
3. Restoration schemes for allocated sites should be in line with the relevant Site Allocation Development Briefs contained within Appendix 2.

Justification

- 3.15. The Government's Natural Environment White Paper (2011) places the value of nature at the centre of the choices that are made ensuring that the environment is enhanced and economic growth and personal wellbeing is taken into account. This is reinforced in the Government's 25 Year Environment Plan, published in 2018, which promotes the concept of embedding environmental 'net-gain' into all

development. Once minerals extraction sites have fulfilled their primary purpose of providing mineral, the restoration of such sites can have a major environmental benefit. There is considerable potential to create large new areas of habitat and to improve the links between existing fragmented areas of habitat.

- 3.16. The restoration of mineral sites therefore has an important role to play in meeting targets for the creation of new habitat, both nationally and locally. Nationally the RSPB estimates that minerals restoration schemes could meet, or in some cases, exceed the targets for a number of Habitats of Principal Importance for Conservation in England. These supersede what were previously known as UK Biodiversity Action Plan (UKBAP) priority habitats.
- 3.17. The restoration of mineral voids offers a significant opportunity for the establishment or re-establishment of priority habitats, often on a large-scale, and for providing re-created linkages between fragmented blocks of specific habitat types and with river floodplains, where appropriate, thereby strengthening and enhancing ecological networks.
- 3.18. Whilst new habitat has been delivered in Nottinghamshire through minerals restoration schemes in the past, a more systematic approach offers far greater opportunities. With careful planning at an early stage, the level of high-quality habitat delivered by mineral extraction can be increased, creating valuable places for both wildlife and people and contributing to the delivery of landscape-scale conservation, supporting initiatives such as the RSPB's Futurescapes and the Wildlife Trusts' Living Landscapes.
- 3.19. This landscape-scale approach seeks to look beyond small protected sites to deliver nature conservation on a larger scale across the countryside. The Trent and Idle Valleys are considered to be a key area for such a landscape-scale approach with opportunities for cross-boundary action between Minerals Planning Authorities to enable a coordinated, strategic approach to maximise the restoration potential of individual sites.
- 3.20. By creating new habitats, and contributing to landscape-scale nature conservation, considerable progress can be made towards creating a countryside that is more permeable to wildlife by establishing linkages, stepping stones and corridors of habitat and more coherent ecological networks which are more resilient to future pressures such as climate change and which allow the movement and dispersal of wildlife species.
- 3.21. National targets for the creation of priority habitats are set out in the Government's 'Biodiversity 2020' strategy and these are broken down by the different National Character Areas (NCAs) identified by Natural England. Within Nottinghamshire there are eight NCAs including the Sherwood NCA and the Trent and Belvoir

Vales NCA. At the local level, the County Council is a signatory to the Nottinghamshire Local Biodiversity Action Plan (LBAP) that aims to aid the recovery of threatened priority habitats and species.

- 3.22. Minerals extraction, particularly sand and gravel extraction in the Trent Valley, but also the extraction of resources in other parts of the County, can contribute significantly towards meeting these targets and add to the success of existing priority habitat restoration schemes. Restoration schemes should be carefully considered so that they can deliver as much LBAP priority habitat as possible and that such habitats are appropriate to the relevant National Character Area. Applicants are therefore encouraged to engage in early discussions with the County Council and other appropriate bodies in relation to restoration proposals.
- 3.23. Priority habitats that should be created or restored/enhanced in the Trent and Idle Valleys are:
- Floodplain Grazing Marsh;
 - Reedbed;
 - Marsh and Swamp;
 - Lowland Fen;
 - Wet Woodland;
 - Other habitats such as Lowland Neutral Grassland and Mixed Ash-dominated Woodland may also be appropriate in some cases, and there are also potential opportunities for Lowland Dry Acid Grassland and Oak-birch Woodland in some eastern areas of the Trent Valley.
- 3.24. Priority habitats that should be created or restored/enhanced in the Sherwood Sandstone area are:
- Lowland Heathland;
 - Lowland Dry Acid Grassland;
 - Wood pasture and parkland
 - Oak-birch Woodland;
 - Other habitats such as Marsh and Swamp may also be appropriate in some cases.
- 3.25. Priority habitats that should be created or restored/enhanced in the Magnesian Limestone area are:
- Lowland Calcareous Grassland;
 - Mixed Ash-dominated Woodland;
 - Other habitats such as Marsh and Swamp may also be appropriate in some cases.
- 3.26. LBAP priority habitats in areas where the extraction of clay, gypsum and coal takes place should reflect those habitats occurring in the vicinity and will differ depending on locality. More generally, other habitats, including Ponds and

Hedgerows, can be incorporated into most restorations independent of location. It is also expected that Eutrophic Standing Waters (lakes) may be created as a result of quarrying, although this habitat should be minimised as far as possible in favour of the other habitat types listed above.

- 3.27. As a principle, restorations should also seek to restore more extensive areas of a small number of habitats at any one site, rather than try to create smaller areas of many different habitats, so that the value of restored areas is maximised and future management is made easier. Habitats should be re-created that are appropriate to that Natural Character Area and optimal use should be made of the soil properties and types on the site to create priority habitats. Within larger habitat types, there is also the potential for important micro-habitats.

Water Framework Directive

- 3.28. The Humber River Basin Management Plan has been prepared by the Environment Agency under the Water Framework Directive which requires all countries throughout the European Union to manage the water environment to consistent standards. The Humber River Basin District is one of the most diverse regions in England, ranging from the upland areas of the Peak District, South Pennines and the North York Moors, across the Derbyshire and Yorkshire Dales and the fertile river valleys of the Trent and Ouse, to the free-draining chalk of the Wolds. Water supports these landscapes and their wildlife and pressures that the water environment faces need to be considered.
- 3.29. Minerals development can contribute towards meeting Water Framework Directive objectives, including by facilitating improvements to water quality, riverine habitats, floodplain reconnection and improving the status of fish populations, and restoration schemes will be expected to contribute towards these objectives, where appropriate.

SP3: Climate Change

Introduction

- 3.30. The Government is committed to tackling the causes of climate change and planning can play a key role in securing reductions in greenhouse gas emissions, minimising vulnerability and providing resilience to the impacts of climate change. This is central to the economic, social and environmental dimensions of sustainable development. Nottinghamshire County Council is committed to reducing the impact from development on climate change.
- 3.31. All new development, including minerals extraction, should therefore seek to reduce greenhouse gas emissions and avoid increased vulnerability to the impacts of climate change, including flooding, where practicable.

Policy SP3 – Climate Change

1. All minerals development, including site preparation, operational practices and restoration proposals should minimise their impact on the causes of climate change for the lifetime of the development. Where applicable development should assist in the reduction of vulnerability and provide resilience to the impacts of climate change by:
 - a) Being located, designed and operated to help reduce greenhouse gas emissions, withstand unavoidable climate impacts and move towards a low-carbon economy;
 - b) Avoiding areas of vulnerability to climate change and flood risk. Where avoidance is not possible, impacts should be fully mitigated;
 - c) Developing restoration schemes which will contribute to addressing future climate change adaptation, including through biodiversity and habitat creation, carbon storage and flood alleviation.

Justification

- 3.32. The Nottinghamshire Sustainable Community Strategy (SCS) is committed to taking a sustainable approach to planning development that responds to the challenges of climate change and takes wider environmental considerations into account when making decisions about the location, nature and size of new development.
- 3.33. The nature and scale of new minerals development will influence the extent to which climate change resilience measures will be most effective and appropriate. Mineral development can provide a number of opportunities to mitigate and adapt to the impacts of future climate change.

3.34. This could include:

- Restoration of mineral sites and restoration schemes that include measures such as flood water storage, the creation of biodiversity habitats, living carbon sinks, and wider ecosystem services
- The use of on-site renewable energy installations
- The use of energy efficient plant
- The use of sustainable modes of transport, low emission vehicles, travel plans
- Sustainable Drainage Systems (SuDS), water efficiency and adaptive responses to the impacts of excess heat and drought
- Measures to improve water quality where feasible.

3.35. Other measures may include the sustainable use of resources through the use of recycled and secondary aggregates in the construction industry.

3.36. This policy does not presume against the future extraction of energy minerals. Indigenous mineral extraction has potential benefits in environmental and climate change terms.

SP4: Sustainable Transport

Introduction

- 3.37. Most minerals extracted in Nottinghamshire are currently transported by road, as this is often the cheapest and most flexible way of serving a diverse range of markets. Historically some sand and gravel has been transported by barge and there may be potential for some minerals to be moved by water, rail or pipeline in future.
- 3.38. Minerals development therefore has the potential to generate large volumes of HGV traffic which can have adverse impacts on local communities in terms of noise, air pollution, vibration and dust. Increased levels of traffic can also cause potential safety issues for other road users and increase the level of greenhouse gas emissions impacting on the climate.
- 3.39. When dealing with proposals for future mineral extraction consideration needs to be given to the distances over which minerals need to be transported, how they are to be transported, and assess the likely impacts on the natural and built environment, climate, local amenity and quality of life. In order to minimise any possible transport related impacts, alternative, more sustainable forms of transport will be encouraged.

Policy SP4 – Sustainable Transport

1. All mineral proposals should seek to maximise the use of sustainable forms of transport, including barge, rail and pipeline.
2. Where it can be demonstrated that there is no viable alternative to road transport, all new mineral working and mineral related development should be located as follows:
 - a) within close proximity to existing or proposed markets to minimise transport movement; and
 - b) within close proximity to the County's main highway network and existing transport routes in order to avoid residential areas, minor roads, and minimise the impact of road transportation.
3. Proposals requiring the bulk transport of minerals, minerals waste/fill or materials/substances used for the extraction of minerals by road will be required to demonstrate that more sustainable forms of transport are not viable.

Justification

- 3.40. Minerals in Nottinghamshire are predominantly transported by road, generating significant HGV movements which can impact on local amenity, environmental quality and climate issues. The National Planning Policy Framework highlights the importance of reducing both greenhouse gases and congestion. Consequently, developments which generate significant movement should be located so as to minimise the need for travel and maximise the use of sustainable means of transport.
- 3.41. Wherever possible therefore, minerals sites should be located close to their end market in order to minimise overall transport distances. However, this will not always be feasible where the site is needed to supply a regional or national market and so the promotion of alternative, more sustainable forms of transport such as barge or rail transport is important.
- 3.42. Sand and gravel is a relatively low-cost mineral and is not generally cost effective to transport over long distances. However, it can be transported economically over long distances by water. Barge transport has historically been used to transport sand and gravel along the River Trent to Yorkshire and Humberside from Besthorpe quarry north of Newark. Studies have shown there is potential to increase water-borne freight on parts of the river. However, restrictions on barge sizes upstream of Cromwell Lock may restrict the viability of barging minerals downstream to Nottingham.
- 3.43. Rail transport of minerals is possible, but expensive, and therefore only likely to be viable over very long distances. Its potential use will also depend upon whether there is sufficient infrastructure and capacity on the rail network. Pipelines and conveyors can be used to move minerals on-site from the extraction area to the processing plant reducing the need to use heavy machinery minimising noise and dust. In certain cases it may be possible to use conveyors or pipelines to import fill materials such as power station ash on to quarries as part of the restoration although this is only possible if the source of the material is close by.
- 3.44. Where road transport is necessary, sites should be located close to the main highway network in order to minimise potential impacts on local communities and Nottinghamshire's environment. In line with national policy, proposals should be accompanied by a Transport Assessment or Transport Statement to set out the transport issues associated with the proposed development and what measures will be needed to manage those issues. This may include improvements to the existing transport infrastructure to improve junction visibility or vehicle capacity, or the use of routing agreements to control traffic movement and direct vehicles away from sensitive areas such as residential areas or important habitats. This can be achieved by the use of planning conditions or legal (S106) agreements

where appropriate (see Policy DM11). Policy DM9 considers highway safety and vehicle movements/routeing in more detail.

SP5: The Built, Historic and Natural Environment

Introduction

- 3.45. Mineral extraction by its very nature can have a detrimental impact on the natural and built environment, albeit temporary in nature. Nevertheless, mineral extraction can also bring about many environmental benefits. The restoration of worked out quarries can significantly increase biodiversity, provide increased access and recreational opportunities or return the land to agriculture. All minerals related development should therefore be designed, operated and restored to the highest standards to minimise potential impacts.

Policy SP5 – The Built, Historic and Natural Environment

All mineral development proposals will be required to deliver a high standard of environmental protection and enhancement to ensure that there are no unacceptable impacts on the built, historic and natural environment. The consideration of impacts will include effects on:

- Nature conservation (designated and non-designated sites/species);
- Sites of geological interest;
- Heritage assets (designated and non-designated) and their setting and other cultural assets;
- Landscape and townscape character;
- Best and most versatile agricultural land and soils;
- Air quality;
- Water quality and supply;
- Flood risk;
- Highways;
- Infrastructure;
- Community amenity.

Justification

- 3.46. Minerals development has the potential to impact on both the built and natural environment and proposals will need to consider the full range of possible impacts. More detailed criteria that may apply to individual sites are set out within the specific Development Management policies in Chapter 5.

Nature conservation

- 3.47. The County contains important habitats and species and it is essential these areas are maintained for future generations. The most important areas are protected by international, national or local designations. At present the County has 1 possible potential Special Protection Area, 1 Special Area of Conservation (SAC), 1 National Nature Reserve (NNR), 67 Sites of Special Scientific Interest (SSSI), 64 Local Nature Reserves (LNR), over 1400 Local Wildlife Sites (LWS) (formally

known as Sites of Importance for Nature Conservation (SINCs) and around 130 Local Geological Sites (formally known as Regionally Important Geological Sites (RIGs)).

- 3.48. Outside these designated sites, areas of habitat and populations of species of national conservation importance also exist; Habitats of Principal Importance for Conservation in England ('Habitats of Principal Importance') are those identified through Section 41 of the Natural Environment and Rural Communities Act (2006); similarly, this legislation also identifies Species of Principal Importance for Conservation in England ('Species of Principal Importance'). A number of additional species and habitats are also identified as local conservation priorities through their inclusion in the Nottinghamshire Local Biodiversity Action Plan (LBAP).
- 3.49. It is therefore important to ensure that new minerals development is correctly managed and that no adverse impacts occur to designated sites, or priority habitats and species, as far as possible. Policy SP3 promotes a biodiversity-led restoration approach which seeks to maximise the biodiversity gains resulting from the restoration of mineral sites.

Geology

- 3.50. As well as those sites designated specifically for their nature conservation interest, the County also has 130 Regionally Important Geological/ Geomorphological sites (RIGs). Some of these sites have come about as a result of mineral working and it is important that future minerals development conserves and, where possible, enhances such sites.

Heritage and cultural assets

- 3.51. Nottinghamshire is not only rich in minerals, but also has an extensive historic environment. Mineral extraction by its very nature can destroy archaeological sites and features, however, where sites are properly investigated and recorded it can provide major opportunities to understand the County's rich archaeological heritage and what they say about the past.
- 3.52. There are currently over 18,000 archaeological sites and historic features in Nottinghamshire registered on the Historic Environment Record, including:

National designations:

- 3,700 listed buildings
- Over 150 scheduled monuments (including Creswell Crags which is on the UNESCO tentative list for inscription as a World Heritage Site)
- 19 Registered Parks and Gardens

- 1 Battlefield

Local designations:

- 174 Conservation Areas

- 3.53. Mineral extraction may affect the setting of heritage assets, be they buried remains, buildings, landscapes or places and extraction can cause change in the character of the landscape.
- 3.54. National policy states that the significance of the most important heritage assets and their settings should be protected, and that balancing the need for development against potential harm to heritage assets needs to be proportionate.

Landscape

- 3.55. The landscape character of Nottinghamshire is complex and has been created from the interaction of natural and man-made influences, such as geology, soil, climate and land use. All landscapes hold value, with some having the potential to be improved and restored. Mineral working has the potential to change the landscape, but sensitive, high quality, restoration can also help to improve existing landscapes, especially those which may be of a lower quality.

Agricultural land and soil

- 3.56. Much of the County's land is in agricultural use. It is a vital natural and economic resource that needs to be protected from unsuitable development. Minerals can only be worked where they are found, and this can often involve large areas of agricultural land. This means that a balance has to be made between the need for the mineral and the protection of the agricultural land.
- 3.57. Agricultural land quality varies from place to place and is often heavily influenced by the underlying geology. The Agricultural Land Classification (ALC) system provides a method for assessing the quality of farmland to enable informed choices to be made about its future use within the planning system. The ALC system classifies land into five grades, with Grade 3 subdivided into Subgrades 3a and 3b. The best and most versatile land is defined as Grades 1, 2 and 3a. The majority of sand and gravel extraction in the Trent and Idle Valleys will result in the substantial permanent loss of agricultural land to wetland which along, with other development pressures, is causing a continuous erosion of the County's finite agricultural resources. However, appropriate management and restoration of mineral workings can secure the safeguarding of best and most versatile soils

Flooding

- 3.58. Flooding from rivers is a natural process that plays an important role in shaping the natural environment. However, flooding threatens life and causes substantial

damage to property and infrastructure. Although flooding cannot be wholly prevented, its impacts can be greatly reduced through good planning and management. Such planning will have to take account of the impacts of potentially more extreme flood events.

- 3.59. National policy requires all local plans to take flood risk into account and where possible to direct development to areas of lower risk. For some minerals, especially alluvial sand and gravel, this may not always be possible and development in the floodplain will be unavoidable, as has occurred on a large scale in the Trent and Idle Valleys. Priority should be given to those options that pose the least risk and/or provide opportunities to improve flood defences and flood storage capacity.
- 3.60. In order to appraise these risks, the County Council has undertaken a Strategic Flood Risk Assessment (SFRA). The aim of the SFRA is to map all forms of flood risk and use this as an evidence base to locate new development wherever possible in low flood risk areas.
- 3.61. Major flood risks exist along the Trent Valley and its tributaries and these risks may be increased by climate change.
- 3.62. Future mineral extraction within high risk areas is unlikely to be avoidable but mineral restoration schemes can in some cases provide opportunities to reduce flood risks.

Infrastructure

- 3.63. Nottinghamshire has an extensive physical network of transport, communications, water, energy, and waste infrastructure. Mineral working provides the raw materials to maintain much of this essential infrastructure, but it is important that the process of mineral extraction does not compromise the operation of existing or planned future infrastructure. When considering development proposals, consultation with the utility companies, rail operators and other network providers will be required to identify potential risks and to ensure appropriate safeguards and/or mitigation measures. This is likely to include the need for appropriate stand-offs from overhead or underground transmission cables, buried or surface pipelines and rail infrastructure.

Highways

- 3.64. The majority of minerals are transported by road due to the relatively short distances to local or regional markets. Minerals proposals therefore need to take into account the likely impacts upon both the local highway network and nearby communities arising from increased levels of traffic. Potential impacts could include congestion, road safety, noise, dust, and vehicle emissions. National policy requires all development that is likely to generate significant amounts of

movement to be accompanied by a Transport Assessment or Transport Statement which should include details of how potential impacts will be minimised. However development should only be prevented or refused on transport grounds where the residual cumulative impacts are severe. Further details in relation to potential impacts on highway safety and vehicle movements are set out in Policy DM9.

Community amenity

- 3.65. Minerals extraction by its very nature can have significant effects on the existing environment and the amenity of those living nearby and visiting Nottinghamshire. It is therefore important that proposals for new minerals development take into account the potential issues to ensure that where possible they are avoided in the first instance. Potential impacts include noise, dust, increased levels of traffic and loss of landscape. Further details in relation to potential impacts on amenity are set out in Policy DM1.
- 3.66. National guidance seeks to ensure that the environmental effects of minerals extraction such as noise and dust should be controlled, mitigated or removed at source. This includes information on the proximity of minerals workings to communities, dust emissions and noise standards limits.

Water

- 3.67. Minerals development by its very nature will at some point affect surface and or ground water resources. This could be as a result of pumping water from areas where mineral is worked below the water table or where mineral is extracted in the flood plain. These activities could have impacts on a much wider area than just the boundary of the proposal. It is therefore important that these impacts are avoided and reduced through good design and site management.

Environmental Impact Assessment

- 3.68. Environmental Impact Assessment (EIA) regulations require an assessment of the likely significant environmental effects of some minerals development. EIA is undertaken by developers as a means of drawing together, in a systematic way, an assessment of the likely significant environmental effects of certain types of minerals proposals.
- 3.69. Where there is a possibility that a proposed mineral development will require an EIA, developers are advised to consult the County Council well in advance of a planning application, and formally request an opinion on whether an EIA is required and, if so, the scope of such an assessment.

SP6: The Nottinghamshire Green Belt

Introduction

- 3.70. Nottinghamshire has one Green Belt which is located in the southern part of the County which comprises of an area of more than 43,000 ha and covers land around Greater Nottingham, Nottingham City and rural village areas. The Green Belt was principally designated to prevent coalescence between Nottingham and Derby.

Policy SP6 – The Nottinghamshire Green Belt

Proposals for mineral extraction and associated development will be supported where this maintains the openness of the Green Belt and the purposes of including land within it.

Inappropriate development will not be approved except in very special circumstances. Very special circumstances will not exist unless the potential harm to the Green Belt by reason of inappropriateness, and any other harm, is clearly outweighed by other considerations.

Site restoration proposals should seek to enhance the beneficial use of the Green Belt.

Justification

- 3.71. Minerals can only be worked where they are found. The majority of south Nottinghamshire's remaining sand and gravel resource is found in the Trent Valley area within the Green Belt. However, this resource is also geographically well placed to serve existing and future markets in Nottingham and the surrounding urban area.
- 3.72. National policy states that minerals extraction is not inappropriate in the Green Belt where this preserves its openness and does not conflict with the purposes of including land within it. The purposes of the Green Belt as defined in national policy are:
- To check the unrestricted sprawl of large built up areas;
 - To prevent neighbouring towns merging into one another;
 - To assist in safeguarding the countryside from encroachment;
 - To preserve the setting and special character of historic towns; and
 - To assist in urban regeneration, by encouraging the recycling of derelict and other urban land
- 3.73. Suitably designed, landscaped and restored mineral working is capable of being accommodated with the Green Belt where this does not conflict with national

policy. Proposals will need to demonstrate that the location, scale and impacts of the development will not harm the openness of Green Belt or the purpose of including land within it. This could include consideration of the potential impacts of both the working area and any ancillary fixed or mobile plant and site infrastructure (e.g. site office, weighbridge, welfare facilities) and how the site will look once restored.

- 3.74. Development proposals that would harm the openness of the Green Belt are inappropriate and will only be approved where there are very special circumstances that would outweigh the potential harm to the Green Belt. Proposals for associated industrial development are likely to be inappropriate.
- 3.75. Following mineral extraction, sites should be restored to a use compatible with Green Belt objectives and seek to enhance its beneficial use. This could include opportunities for biodiversity gains, measures to enhance existing landscapes and visual amenity and to increase public access and opportunities for outdoor sport and recreation.

SP7: Minerals Safeguarding, Consultation Areas and Associated Minerals Infrastructure

Introduction

- 3.76. Minerals can only be worked where they are found. In the plan area, potential mineral working areas may be limited by landscape and environmental designations or existing settlements; there may also be competition from non-minerals development. The National Planning Policy Framework requires that known locations of specific minerals be safeguarded from needless sterilisation by non-minerals development (such as built development) and that where it is necessary for non-minerals development to take place, there should be prior extraction of the mineral where practicable and environmentally feasible.

Policy SP7: Minerals Safeguarding, Consultation Areas and Associated Minerals Infrastructure

Safeguarding Areas

1. Economically important mineral resources and associated minerals infrastructure will be safeguarded from needless sterilisation by non-minerals development through the designation of minerals safeguarding areas as identified on the Policies Map.
2. Non-minerals development within minerals safeguarding areas will have to demonstrate that mineral resources of economic importance will not be needlessly sterilised as a result of the development the development and that the development would not pose a serious hindrance to future extraction in the vicinity.
3. Where this cannot be demonstrated, and where there is a clear and demonstrable need for the non-minerals development, prior extraction will be sought where practicable.

Consultation Areas

4. District and Borough Councils within Nottinghamshire will consult the County Council as Minerals Planning Authority on proposals for non-minerals development within the designated Mineral Consultation Area, as shown on the Policies Map.

The Minerals Planning Authority will resist inappropriate non-minerals development within the Minerals Consultation Areas.

Justification

- 3.77. The Minerals Safeguarding Areas (MSA) identify the mineral resources which are worthy of safeguarding and the Minerals Consultation Area (MCA) identify the areas within Nottinghamshire where the District and Borough authorities are required to consult the Mineral Planning Authority over non-minerals development. The NPPF encourages the prior extraction of minerals before alternative uses are permitted. In Nottinghamshire the safeguarding and consultation areas are identical (with the exception of Colwick Wharf) and as such one map has been produced and is included on the Minerals Policies Map.
- 3.78. The mineral safeguarding approach does not seek to predict how much mineral is likely to be needed over the plan period but safeguards the viable mineral resource. Viability will change over time. With increasing scarcity, resources that are currently considered non-viable will become increasingly viable. However, the entire mineral resource is not safeguarded; it is only the most meaningful and best current estimate of viable resources which has been safeguarded for future assessment and possible use. See Plan 4 below.
- 3.79. For the purposes of safeguarding, Nottinghamshire has eight distinct mineral resources. These are:
- Sand and gravel
 - Sherwood Sandstone
 - Alluvial Sand and Gravel;
 - Limestone(including building stone);
 - Industrial dolomite;
 - Brick Clay;
 - Gypsum;
 - Surface Coal
- 3.80. Not every non-mineral development proposal within or close to a Minerals Safeguarding and Consultation Areas represents a risk to future minerals extraction. The main risks will arise from proposals to extend built up areas and new development in the open countryside, as such; the following categories of development are exempt from both consultation and safeguarding:
- Development which is in accordance with adopted District/Borough Local Plan allocations which took account of minerals sterilisation and where prior extraction is not feasible or appropriate;
 - o Temporary development;
 - o Householder planning applications (except for new dwellings);
 - o All applications for advertisements;
 - o Infill development;
 - o Reserved matters; and
 - o Prior notifications (telecoms, forestry, agriculture, demolition).

- 3.81. The British Geological Survey Resource Map (2013) provides information on the County's resources but excludes minerals that can only be worked by underground methods, such as deep mined coal, oil and gas and some gypsum deposits.
- 3.82. It is expected that the developer will carry out the necessary site investigations to prove the mineral resource. These will take into account factors such as the availability of the mineral, its relative scarcity, the timescale for the development going ahead, the possible extraction of the mineral and the viability of such extraction.
- 3.83. It is accepted that there may be circumstances where prior extraction may not be appropriate. In these cases the County Council would expect the developer to demonstrate that:
- The mineral concerned is no longer of any value or potential value; or
 - There is an overriding need for the non-mineral development which outweighs the need for the mineral; or
 - The proposed non-minerals development site is located on the urban fringe and mineral extraction would be inappropriate in this location; or
 - The non-mineral development is of a minor nature as defined by the exemption criteria in paragraph 3.80.
- 3.84. Where prior extraction can be undertaken, an assessment should be completed to include an explanation of how this will be carried out as part of the overall development scheme.
- 3.85. Identification of minerals safeguarding areas does not provide a presumption in favour of working the mineral, and is not a guarantee that there is mineral present of viable quantity or quality. The Minerals Safeguarding and Consultation Areas are identified on the Minerals Policies Map and reflected in each Nottinghamshire District/Borough Adopted Local Plan Policies Maps.
- 3.86. The NPPF states that planning policies should safeguard:
- Existing, planned and potential rail heads, rail links to quarries, wharfage and associated storage, handling and processing facilities for the bulk transport by rail, sea or inland waterways of minerals, including recycled, secondary and marine dredged materials, and
 - Existing, planned and potential sites for concrete batching, the manufacture of coated materials and other concrete products, and the handling, processing and distribution of recycled and secondary aggregate mineral.

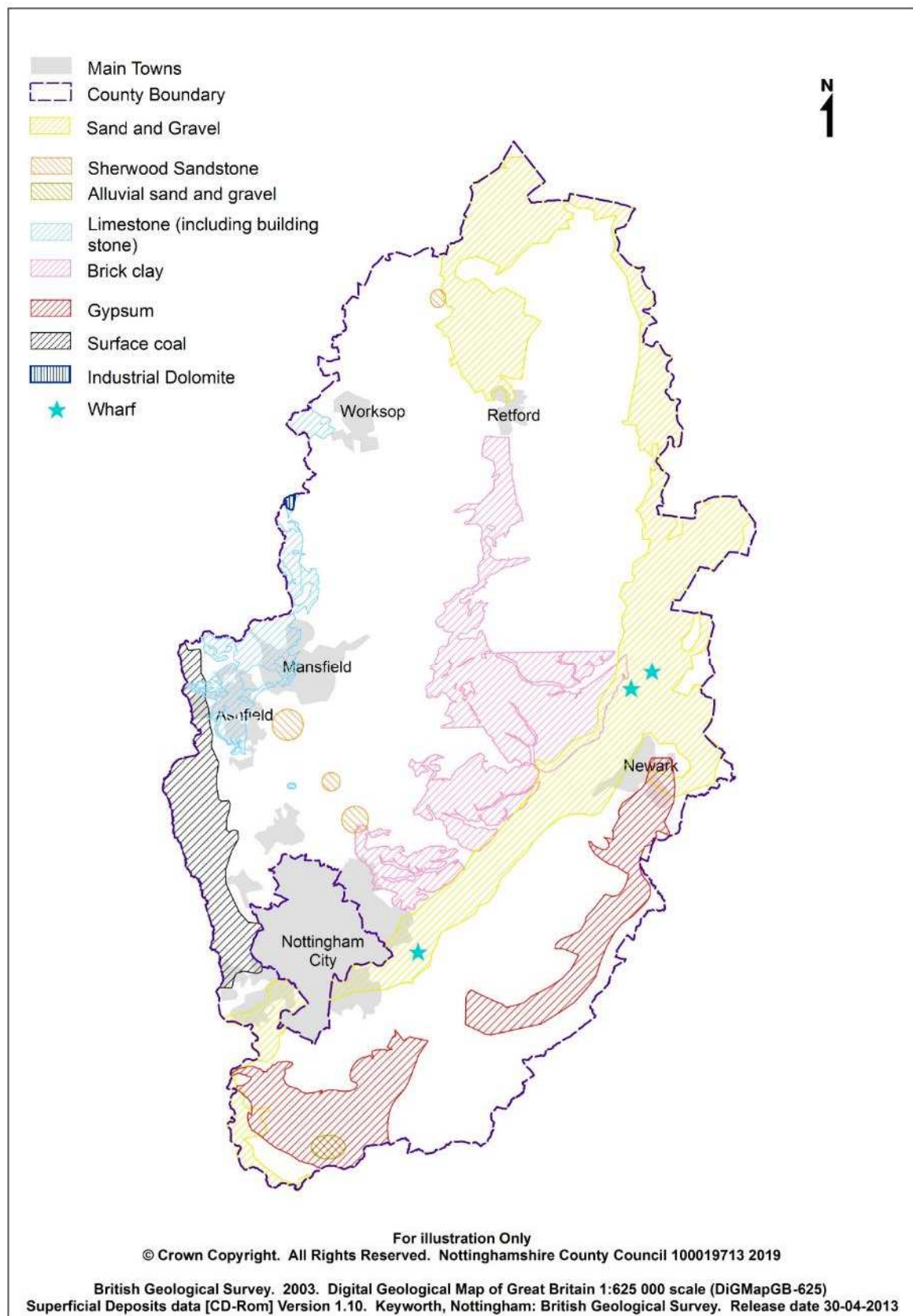
Wharfs and railheads

- 3.87. Nottinghamshire does not currently contain any rail heads or rail links to quarries, however, three river wharfs are located within the County:
- Besthorpe – this wharf is directly linked to Besthorpe quarry and has been used to transfer sand and gravel by barge to South Yorkshire. It is not currently in use however it remains an important piece of infrastructure that could be used in the future.
 - Colwick – this is a general-purpose wharf that has been used as a river dredging transfer facility. It has also been previously identified as a location to land sand and gravel from a previous quarry proposal at Shelford.
 - Cromwell – this is a general-purpose wharf that has been used as a river dredging transfer facility that is accessed through a previously worked quarry.
- 3.88. All three wharfs are being safeguarded and these are set out on the policies map.

Secondary Processing Facilities

- 3.89. Concrete batching plants, coated road stone and other minerals infrastructure provide materials to maintain both existing infrastructure and new developments. In Nottinghamshire these facilities are associated with concrete, mortar and asphalt plants which utilise sources of aggregates to make 'value added' products. The facilities are relatively small in nature and whilst some are located on existing mineral workings, other are stand-alone facilities on industrial estates in urban areas.
- 3.90. Due to the large number of these sites within the County and the majority of these being located on existing industrial estates, which are identified within District/Borough Local Plans, there is no indication that any individual plant is important in its own right. In addition, such plants are also physically relocatable and as such are considered non-strategic and will not be safeguarded by the County Council.

Plan 4: Minerals Safeguarding and Associated Minerals Infrastructure



4. Minerals Provision Policies

Introduction

- 4.1. As explained in Chapter 3, minerals resources are very important to the County and a steady and adequate supply of minerals to meet future needs has to be planned for. Strategic policy SP4 sets the overall context for future mineral provision whilst the minerals provision policies set out within this chapter identify how and where these needs will be met for the different types of aggregate, industrial and energy minerals.
- 4.2. In most cases, existing sites which have not yet been worked out will meet some of this demand but the policies show where additional provision will be needed to make up any expected shortfall. Where a shortfall is identified, this will be met from a combination of new and/or extended sites although the priority is to extend existing sites wherever possible in line with strategic objective (SO1) to improve the sustainability of minerals development.
- 4.3. In order to identify the range of sites that could be available for mineral extraction over the plan period the council has worked with the minerals industry and local landowners to understand the location of workable mineral resources across the County. In response to a 'call for sites' exercise, mineral operators and landowners submitted a range of sites for which there were inferred minerals resources. This included both new sites and extensions to existing sites.
- 4.4. These sites have been carefully assessed to decide which are the most suitable and realistic options to allocate in the Plan. The sites which are allocated are shown in Policies MP2-12. The justification text following each policy includes more detail about each site and how they relate to any existing permitted site. Full details of the site assessment process is set out in the Site Selection Methodology and Assessment document.
- 4.5. All of the sites will be subject to site allocation development briefs which will deal with site specific issues, including how the sites should be restored. These individual site development briefs are included in Appendix 2.

MP1: Aggregate Provision

Introduction

- 4.6. Aggregates make a significant contribution to the construction industry, accounting for around 90% of the materials used. In England alone, nearly a quarter of a billion tonnes are consumed every year. Sustaining this level of demand is of national concern and raises major planning and environmental issues. All mineral planning authorities are required to plan for a certain proportion of the national demand for all aggregate minerals, known as the local apportionment, and to maintain a certain level of permitted reserves, known as the landbank.
- 4.7. Nottinghamshire has historically been a significant producer of sand and gravel the East Midlands, most of which comes from the Trent and Idle Valleys. This river or 'alluvial' mineral is mainly used in the production of concrete. Building and asphaltting sand is produced from the Sherwood Sandstone resource but in much smaller quantities. Nottinghamshire's limestone production is relatively small, accounting for just 0.1% of the regional output, reflecting the County's limited resource of this mineral.

Policy MP1: Aggregate Provision

1. To meet identified levels of demand for aggregate mineral over the plan period (2018-2036) the following provision will be made:
 - 32.30 million tonnes of Sand and Gravel
 - 7.03 million tonnes of Sherwood Sandstone
 - 0.09 million tonnes of crushed rock
2. The County Council will make provision for the maintenance of landbanks of at least 7 years for sand and gravel, 7 years for Sherwood Sandstone and 10 years for crushed rock, whilst maintaining a steady and adequate supply over the plan period.
3. Proposals for aggregate extraction outside those areas identified in policies MP2, MP3 and MP4 will be supported where a need can be demonstrated.

Justification

- 4.8. The National Planning Policy Framework requires MPAs to produce a Local Aggregates Assessment (LAA) on an annual basis. This assesses both the demand for and supply of aggregates based on the average of the last 10 and 3 year sales data. This takes into account all possible supply options including the availability or otherwise of secondary or recycled aggregates as well as land-won sources. It also takes account of any significant local infrastructure projects that

are taking place, or planned, and any opportunities or constraints that might influence future aggregate production.

- 4.9. MPAs are also required to work with other local Mineral Planning Authorities through an Aggregate Working Party to ensure that the approaches taken remain consistent and adequate supply is maintained. Nottinghamshire is part of the East Midlands Aggregate Working Party.
- 4.10. Based on the findings of the Local Aggregates Assessment published in October 2017 (December 2016 data) demand over the plan period has been calculated. For this exercise the plan period covers a 19 year period from 2018-2036. Tables 1 and 2 set out the production figures and demand over the plan period.

Table 1 Annual aggregate production (million tonnes)

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Sand and gravel	2.97	2.37	1.27	1.56	1.71	1.55	1.39	1.43	1.52	1.27
Sherwood Sandstone	0.55	0.46	0.32	0.32	0.35	0.36	0.34	0.34	0.38	0.32
Crushed rock	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 2 LAA Average Production Figure and Estimated Total Aggregate Demand (million tonnes)

	LAA derived annual production figure	Estimated demand 2018-2036 (19 years)
Sand and gravel	1.7	32.3
Sherwood Sandstone	0.37	7.03
Crushed rock	0.005	0.095

- 4.11. Some of the estimated demand shown in Table 2 above, can be met from remaining permitted reserves (i.e. the mineral that is left in existing quarries that can still be worked). However, for most minerals, this will not be sufficient to cover the whole of the plan period and additional reserves will need to be permitted in order to make up the shortfall.
- 4.12. For each of the minerals (sand and gravel, Sherwood Sandstone and crushed rock) the shortfall has been calculated by deducting the estimated level of permitted reserves from the total amount of aggregate required over the life of the Plan. However it is important to remember that the level of permitted reserves can

change over time as minerals operators re-assess the available reserves at each site. The level of remaining reserves will also be affected by any change in the annual output from each site. This highlights the importance of annual monitoring as set out in Chapter 6.

- 4.13. One of the most important indicators for aggregates is to assess how long the current stock of permitted reserves is likely to last. This is known as the 'landbank'. All MPAs are required to maintain a landbank of at least seven years' worth of sand and gravel reserves and ten years' worth of crushed rock reserves. The average production figures set out in the LAA will be compared against the permitted reserves of aggregates to monitor the level of the landbanks. If permitted reserves fall significantly below the required amount this could trigger a review of this section of the plan. Further information is available in the monitoring chapter.
- 4.14. The specific provision policies MP2 – MP4, below, show how the Plan will meet the anticipated shortfalls for each aggregate mineral and how the proposed sites have been selected

MP2: Sand and Gravel Provision

Introduction

- 4.15. 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. This pattern has developed at least in part in response to a need to be close to the main markets for the mineral (due to sand and gravel being a low cost bulk material, meaning that haulage is a significant element of its cost). Currently between a third to a half of the County's production supplies markets in Yorkshire and Humberside, which the Idle Valley is well placed to serve.

Policy MP2: Sand and Gravel Provision

1. An adequate supply of sand and gravel will be identified to meet expected demand over the plan period from:

- a) The extraction of remaining reserves at the following permitted quarries:

	(Million tonnes)
MP2a Newington South	0.39mt
MP2b Finningley	0.45mt
MP2c Sturton Le Steeple	7.50mt
MP2d Bawtry Road	0.60mt
MP2e Cromwell	2.40mt
MP2f Besthorpe	0.50mt
MP2g Gorton	3.56mt
MP2h Langford Lowfields	4.95mt
MP2i East Leake	2.34mt
MP2j Scrooby South	0.62mt

- b) The following extensions to existing permitted quarries:

MP2k Bawtry Road West	0.18mt
MP2l Scrooby Thompson Land	0.06mt
MP2m Scrooby North	0.56mt* (0.62mt)
MP2n Langford Lowfields North	4.70mt* (8.00mt)
MP2o Besthorpe East	3.30mt

- c) New sand and gravel quarries:

MP2p Mill Hill nr Barton in Fabis	3.0mt**
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Note: The above sites are shown on the Policies Map

Proposals to extract specialist grey sand reserves will be supported where a need can be demonstrated.

Planning applications for site allocations should be made in accordance with the site development briefs set out in Appendix 2

Justification

- 4.16. Based on the average production figures set out in the aggregate provision policy MP1, the plan needs to provide an estimated 32.3 million tonnes of sand and gravel over the plan period (see Table 2).
- 4.17. As of December 2016, permitted sand and gravel sites reserves (MP2a-j) located in the county stood at 17.5 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.
- 4.18. The estimated sand and gravel shortfall over the plan period will therefore be 14.8 million tonnes of sand and gravel up to 2036.
- 4.19. Planning permission was granted to extend Langford Lowfields quarry (south and west) in 2018, increasing the level of permitted reserves by 3.6 million tonnes. This has extended the life of the existing permitted Langford Lowfields quarry which will continue to provide sand and gravel over the plan period.
- 4.20. As a result Policy MP2, allocates 5 extensions to existing quarries (MP2k-o) and 1 new quarry (MP2p) which total 11.8 million tonnes.
- 4.21. Table 3 below sets out a summary of the site allocations and how each is expected to contribute towards the sand and gravel shortfall over the plan period. A delivery schedule, which looks at how each of the extensions and new site will contribute to the shortfall, can also be found in appendix 1.
- 4.22. Given that sand and gravel can only be worked where it is found, a geographical spread of sites has been identified to enable the continued supply of sand and gravel to the different market areas to minimise the wider impacts of HGV transport.

Table 3 Contributions to the sand and gravel shortfall over the plan period

Site	Location	Reserves (million tonnes)	Operational period (inclusive)
Extensions			
MP2k Bawtry Road west	Idle Valley	0.18	2026-2031
MP2l Scrooby, Thompson Land	Idle Valley	0.06	2019-2029
MP2m Scrooby North	Idle Valley	0.56*	2023- beyond plan period
MP2n Langford Lowfields north	Newark	4.70*	2026 - beyond plan period
MP2o Besthopre East	Newark	3.30	2020 – 2036
New site			
MP2p Mill Hill nr Barton In Fabis	Nottingham	3.0**	2019-2034
Total		11.8	

*available within the plan period

** Excludes potential reserves within the Nottingham City administrative area

Misson Grey Sand

- 4.23. Deposits of grey building sand occur erratically in the Misson area, sometimes below the main sand and gravel resource and sometimes at the surface. Historically, this grey sand has been worked on a relatively small scale. This sand is used as grey mortar sand, which has a premium value because most local mortar sands are red and yellow being derived from the Sherwood Sandstone.
- 4.24. Although counted as sand and gravel in planning and landbank terms, it would be inappropriate to treat it as part of the normal sand and gravel resource when assessing 'need'. This is because the grey sand serves a particular niche market which alluvial sand and gravel cannot meet. It is therefore reasonable to allow continued production of this sand, irrespective of the prevailing Countywide sand and gravel landbank.

Site Information

Existing Permitted Quarries and proposed Extensions- Idle Valley

Newington South (MP2a)

- 4.25. This existing permitted site is located 2km south west of Misson Village and 3.5km north east of Bawtry. The quarry has permitted reserves which are expected to last until the end of 2019. A planning application is currently being considered which involves extracting sand and gravel from a previously unworked part of the existing permitted quarry. If granted permission this will extend the life until the end of 2022. The existing quarry is currently being restored to low lying wetland. (See appendix 3 – inset 2)

Finningley (MP2b)

- 4.26. The existing permitted quarry is located to the south east of Finningley village and crosses the border between Nottinghamshire and Doncaster Metropolitan Borough Council (MBC). The quarry has permitted reserves until the end of 2019. No further extensions to the quarry are considered possible. (See appendix 3 – inset 1)

Sturton Le Steeple (MP2c)

- 4.27. The existing permitted area is located to the east of Sturton Le Steeple village, approximately 9km south of Gainsborough. The quarry has planning permission but extraction has yet to fully commence. The quarry has planning permission to extract 500,000 tonnes per annum over a 20 year period, however the operator states that annual output is likely to be 100,000 tonnes per annum. The quarry will be restored to a combination of nature conservation including wetland, agriculture and forestry. (See appendix 3 – inset 4)

Bawtry Road (MP2d)

- 4.28. The existing permitted quarry is located between Misson to the east and Newington to the south. The quarry is expected to have sufficient permitted reserves until 2026. The quarry will be restored to agricultural land.
- 4.29. The proposed western extension to the quarry (MP2k) is expected to be worked once existing reserves have been worked in 2026. Output will remain in line with the existing permitted quarry at approximately 30,000 tonnes per annum and will continue to use existing plant site and access. Reserves are expected to last approximately 6 years. (See appendix 3 – inset 2)

Scrooby

- 4.30. Extraction has taken place at Scrooby since the 1930s, working both sand and gravel and Sherwood Sandstone (see policy MP3 for Sherwood Sandstone). An

existing permitted Sand and gravel quarry (MP2j) has sufficient reserves until 2023. The existing processing plant remains in use.

- 4.31. Two extensions to this quarry are allocated. Both would utilise the existing processing plant and site access.
- 4.32. The proposed Scrooby Thompson Land (MP2l) is expected to be worked in 2020 and 2021. The quarry would be worked at a rate of approximately 40,000 tonnes in 2020 and 20,000 tonnes in 2021.
- 4.33. The proposed Scrooby north quarry (MP2m) will be worked from 2023 at an approximate output of 40,000 tonnes per annum. (See appendix 3 – inset 3)

Existing Permitted Quarries and Proposed Extensions- Newark Area

Cromwell Quarry (MP2e)

- 4.34. The existing quarry is located to the north-east of Cromwell village alongside the A1, nine kilometres north of Newark and is currently being worked. Due to the quarry's location close to the A1, mineral can be transported to northern or southern markets.

Besthorpe Quarry (MP2f)

- 4.35. The existing quarry is located to the north west of Besthorpe village near Newark. The quarry has sufficient permitted reserves until the end of 2020. Output at the quarry is approximately 150-200,000 tonnes per annum. Historically a proportion of the sand and gravel produced at the quarry was barged up the river to the Europort at Wakefield. However this has not taken place for a number of years. The site is predominantly being restored to wetland habitats and is being managed by Nottinghamshire Wildlife Trust. (see appendix 3 - Inset 8)
- 4.36. The proposed eastern extension to the quarry (MP2o) is expected to be worked once existing reserves have been extracted. Output will remain in line with the existing permitted quarry and will use the existing plant site. Estimated reserves total 3.3mt and are expected to last 16 years.

Girton Quarry (MP2g)

- 4.37. The existing quarry is located 8km north of North Collingham and 16km from Newark. The quarry is currently 'mothballed' but has permission until 2036. Sand and gravel is being worked from existing stockpiles at around 50,000 tonnes per annum but this is expected to increase to 100,000 in approximately 2020 when the quarry is expected to re-open. The quarry will be restored back to agriculture and wetland conservation. (See appendix 3 – inset 7)

Langford Lowfields Quarry (MP2h)

- 4.38. The existing quarry is located between Langford and Collingham, north of Newark. Planned output at the quarry is approximately 450,000 tonnes per annum. The quarry is being reclaimed to a major wildfowl/wetland reserve which is being managed by the RSPB. Planning permission was granted in 2018 for a southern and western extension extending the life the quarry until 2026.
- 4.39. The proposed northern extension to the quarry (MP2n) covers 124 Ha and is expected to be worked once existing reserves have been extracted in 2026. Output will remain in line with the existing permitted quarry and will use the existing plant site. Reserves are expected to last beyond the plan period.

Existing Permitted Quarries and Proposed Extensions- Nottingham Area

East Leake Quarry (MP2i)

- 4.40. The existing permitted quarry is located 1km to the south of East Leake. The quarry has sufficient permitted reserves until the end of 2026 at an output of 180,000 tonnes per annum. The quarry is being restored to agriculture and nature conservation. One extension to the site is allocated which would utilise the existing processing plant and site access.

New greenfield quarry - Nottingham area

Mill Hill near Barton In Fabis (MP2p)

- 4.41. This is a draft allocation for a new greenfield site that is located 6km west of Nottingham. Output from the site would be approximately 280,000 tonnes per annum. The site is expected to be operational in approximately 2019 and would be worked over a 15 year period. The quarry would be restored using a range of habitats including floodplain grazing marsh, reed bed, low land grassland and agricultural land. The draft allocation area contains approximately 3 million tonnes of reserves, however a planning application for a larger site that also covers an area within the Nottingham City administrative area has been received by both the County and City Councils and is currently being determined. (appendix 3 – inset 16).

MP3: Sherwood Sandstone Provision

Introduction

- 4.42. Sherwood Sandstone is a specialist form of sand and gravel that is used primarily as asphalt and mortar sand. It accounts for around a sixth of the County's sand and gravel production. The Sherwood Sandstone resource covers nearly a quarter of the County, occurring as a broad belt between Nottingham and South Yorkshire. This is also a major aquifer and serves as an important water source for a wide area. Different grades and colours of sands (which have varying end uses) are found in the resource, however there is no comprehensive geological information about how these are distributed.

Policy MP3: Sherwood Sandstone Provision

An adequate supply of Sherwood Sandstone will be identified to meet expected demand over the plan period from:

- a) The extraction of remaining reserves at the following permitted quarries:

	(Million tonnes)
MP3a Burntstump	1.88mt
MP3b Bestwood 2	2.74mt
MP3c Scrooby Top	0.60mt

- b) The following extensions to existing quarries.

MP3d Bestwood 2 North	0.75mt
MP3e Scrooby Top North	1.68mt* (4.83mt)

Note: The above sites are shown on the Policies Map

Planning applications for site allocations should be made in accordance with the site development briefs set out in Appendix 2

* Available within the plan period (total estimated reserves in brackets).

Justification

- 4.43. Based on the Sherwood Sandstone requirement set out in the aggregate provision policy (MP1), the plan needs to provide 7.03 million tonnes of Sherwood Sandstone over the plan period.
- 4.44. As of December 2016 there were 4 permitted Sherwood Sandstone sites which contained estimated reserves of 3.85 million tonnes. Whilst these sites will help to

maintain a seven year landbank and ensure continuity of supplies, there is a need to secure additional reserves over the plan period.

- 4.45. Using the annual production figure included in Table 1 and the estimated Sherwood Sandstone reserves from 2016, the plan would need to provide an additional 3.3 million tonnes of Sherwood Sandstone up to 2036.
- 4.46. The plan will therefore have to allocate further reserves to make up the expected shortfall in provision. Policy MP3 therefore identifies proposed extensions at three existing sites as discussed below. The delivery schedule, in Appendix 1 shows how these extensions are expected to contribute towards the shortfall.
- 4.47. Planning permission was granted to extend Bestwood 2 quarry (eastern extension) in 2018 increased permitted reserves by 1.44 million tonnes. This has extended the life of the existing Bestwood 2 quarry which will continue to provide Sherwood Sandstone over the plan period.
- 4.48. As a result Policy MP3, allocates 2 extensions to existing quarries (MP3d-e) which total 2.43 million tonnes.
- 4.49. Table 4 below sets out a summary of the site allocations and how each is expected to contribute towards the Sherwood Sandstone shortfall over the plan period. A delivery schedule, which looks at how each of the extensions and new site will contribute to the shortfall, can also be found in appendix 1.

Table 4 Contributions to the Sherwood Sandstone shortfall over the plan period

Site	Reserves (million tonnes)	Operational period (inclusive)
MP3d Bestwood 2 North	0.75	2029-2035
MP3e Scrooby Top North	1.68*	2022 - beyond plan period
Total	2.43	

*available within the plan period

Site Information

Burnt Stump (MP3a)

- 4.50. This existing quarry is located 3.5km west of Calverton. The quarry has planning permission until the end of 2021, although given the high level of permitted reserves the operator may apply for an extension of time in the future. Restoration will be to agriculture and woodland. (See appendix 3 – inset 13).

Bestwood 2 (MP3b)

- 4.51. This existing permitted quarry is located 1 mile south of Ravenshead and 6 miles south of Mansfield. The existing quarry has a planned output of 140,000 tonnes per annum and is due to be worked out by 2029. The site restoration will include heathland, marshland and sandstone cliff habitats.
- 4.52. A northern extension is allocated (MP3d). The allocation will be commenced once the existing permitted quarry has been worked out in 2029. Output will remain at 140,000 tonnes per annum for approximately 6 years. The existing processing plant and access will be used. (see appendix 3 – inset 12)

Scrooby Top (MP3c)

- 4.53. Extraction has taken place at Scrooby since the 1930s working both sand and gravel and Sherwood Sandstone (see policy MP2 for sand and gravel). Extraction at this site is expected to be adequate until 2022.
- 4.54. A northern extension is allocated (MP3e) The allocation covers 25 ha and will be commenced once the existing permitted reserves are worked out. Output is planned at 120,000 tonnes per annum for 40 years and will utilise the existing processing plant and access. (See appendix 3 – inset 3).

MP4: Crushed Rock (Limestone) Provision

Introduction

- 4.55. Around 60 million tonnes of limestone are extracted in Great Britain every year making it the largest mineral extractive industry in the Country¹. The majority of this is used as an aggregate, the remainder being used in the cement, chemical, glass, iron and steel industries and agriculture. Limestone is also an important source of building and ornamental stone.
- 4.56. Although the East Midlands is one of the most important limestone producing areas, Nottinghamshire's resources are relatively limited and the only permitted reserves are at Nether Langwith Quarry (currently dormant). Limestone is the only 'hard rock' of any economic interest to be found in the County and by regional standards output is very low.

Policy MP4: Crushed Rock (limestone) Provision

An adequate supply of limestone will be identified to meet expected demand over the plan period from the extraction of remaining reserves at the following permitted site:

	(Million tonnes)
MP4a Nether Langwith	3.34mt

Note: The above site is shown on the Policies Map

Justification

- 4.57. Based on the limestone requirements set out in the aggregate provision policy (MP1), the plan does not need to provide any further limestone as current permitted reserves at Nether Langwith quarry (see appendix 3 – inset 5) are adequate to cover the plan period. The quarry has planning permission until 2035 at a planned output of 250,000 tonnes per annum, however actual output has been much lower and it has not been worked for a number of years. At this point it would provide the opportunity to review the restoration scheme to ensure it is in-line with policy SP2 Biodiversity-Led Restoration.

¹ UK Minerals Statistics Yearbook 2011 British Geological Survey 2012, page 12

MP5: Secondary and Recycled Aggregates

Introduction

- 4.58. The terms 'recycled' and 'secondary' aggregate are often used interchangeably. The term 'recycled aggregates' refers to aggregates that have been used previously in construction. Recycled aggregates can comprise construction and demolition wastes, asphalt road planings and used railway ballast.
- 4.59. 'Secondary aggregates' are by-products of other processes and will not have been used previously as aggregates. They include colliery spoil, china clay waste, slate waste, power station ashes, blast furnace and steel slags, incinerator ashes and foundry sands.

Policy MP5: Secondary and Recycled Aggregates

Development proposals which will increase the supply of secondary and/or recycled aggregates will be supported where it can be demonstrated that there are no significant environmental, transport or other unacceptable impacts.

Justification

- 4.60. Government policy continues to encourage the use of secondary and recycled materials in construction in order to reduce the need for material from traditional sources. There are substantial amounts of these materials that could contribute further to aggregate supply. In order to conserve natural resources, aggregates (and products manufactured from aggregates) should be recycled wherever possible.
- 4.61. Although, there is considerable potential for using certain waste materials as secondary aggregates, large quantities either remain on site or end up in landfill. Making greater use of by-products and other waste materials will therefore also help to meet the Government's aim of reducing waste disposal to landfill. The Nottinghamshire and Nottingham Replacement Waste Local Plan sets out strategic policies to promote both temporary and permanent facilities for recycling aggregates centres.
- 4.62. Where recycled materials are technically, economically and environmentally acceptable as substitutes for primary materials, then they should be used. It is accepted, however, that there may be problems associated with the ability of these materials to meet required British Standard specifications and that their availability or location might make their use disadvantageous in economic terms.
- 4.63. It is recognised that many of the adverse environmental effects resulting from the extraction of primary aggregates apply to the use of secondary materials. This is

because the processes are similar involving the generation of noise, dust and visual intrusion, and road transport using heavy goods vehicles. Incorporating recycling and secondary aggregate operations into an existing mineral development could also increase the overall harmful effect that the site has on the amenity of the surrounding area, or could increase the life of the development beyond that which is considered acceptable.

MP6: Brick Clay Provision

Introduction

- 4.64. Brick clay refers to the clay and shale used in the manufacture of building and construction materials. In Nottinghamshire the clay extracted is used for facing bricks, pavers, roofing tiles and clay pipes, although nationally other important uses include cement production.
- 4.65. Extraction currently only takes place from the Mercia Mudstone resource to the east and south of the County. Resources do exist within the smaller Edlington Formation and Coal measures to the west of the County, however these have not been worked since the 1970s. No detailed assessment has been completed regarding the areas of the Mercia Mudstone which are best suited to brick manufacture; however the 'Gunthorpe Formation' location close to both of Nottinghamshire's existing brick works has been identified by the current operators as particularly suitable.

Policy MP6: Brick Clay Provision

1. An adequate supply of brick clay will be identified to meet expected demand over the plan period and enable a 25 year landbank per brick works to be maintained from:

- a) The extraction of remaining reserves at the following permitted sites:

MP6a Kirton

MP6b Dorket Head

Note: The above sites are shown on the Policies Map

2. Proposals for clay extraction outside the sites identified above will be supported where it can be demonstrated that there are insufficient reserves available to meet the 25 year landbank requirement per site and that the identified sites are not deliverable.

Planning applications for site allocations should be made in accordance with the site development briefs set out in Appendix 2

Justification

- 4.66. There is no national demand forecast or local apportionment for brick clay although the National Planning Policy Framework (NPPF) does require a 25 year landbank of permitted brick clay reserves to be identified for each brick works. In Nottinghamshire there are two brick works with associated clay pits operated by two national producers – Dorket Head near Arnold and Kirton near Ollerton. Each site is discussed below.

Site Information

Kirton (MP6a)

- 4.67. The existing brick pit is located to the east of Kirton village, 3km from New Ollerton and provides both red-firing and cream-firing clays directly to the brick works adjacent. The red-firing clay accounts for about 90% of demand. Reserves of red-firing clay is expected to be adequate until 2044. Reserves of cream- firing clay are located to the east of the brick works within a separate working area and are expected to be sufficient until at least 2030. The existing pits are being restored to agricultural land at a lower ground level. A small proportion of clay is imported from Waingroves quarry in Derbyshire for use as a blending material. (Appendix 3 – inset 6)

Dorket Head (MP6b)

- 4.68. The existing brick pit is located to the north of Arnold, ten kilometres from Nottingham. Clay from the pit is supplied directly to the brick works adjacent with permitted reserves expected to be sufficient until 2033. Part of the site is being restored to agricultural land through a landfill scheme whilst the remainder of the site will be restored to agricultural land and woodland at a lower ground level (see appendix 3 – inset 14).

New brick works and clay pits

- 4.69. Any applications for new brick works and clay pits would need to have regard to the Strategic and Development Management policies of the plan, but more particularly be considered in light of the need for the development and any potential environmental, social or economic impacts.

MP7: Gypsum Provision

Introduction

- 4.70. In Nottinghamshire two distinct gypsum resources are worked. The Marblaegis Mine at East Leake exploits the 'Tutbury Gypsum' and supplies an associated plasterboard plant and plaster works. Bantymock Quarry near Balderton, Newark exploits the 'Newark Gypsum'. The lowest seams at this site are very high quality and are the only mineral of this grade to be found in the UK. It is used in specialist plasters and a wide range of other products ranging from dentistry to food additives.
- 4.71. Since the mid-1990s national and local gypsum production has declined due to increased supplies of desulphogypsum (DSG), a by-product of flue gas desulphurisation plants that have been retrofitted at most coal fired power stations, including all three power stations in Nottinghamshire. The long term future of desulphogypsum is uncertain as new emission controls due in the 2020s could see more coal fired power stations close or switch to other fuels. This is likely to increase the demand for natural gypsum.

Policy MP7: Gypsum Provision

1. An adequate supply of Gypsum will be identified to meet demand over the plan period from:

- a) The extraction of remaining reserves at the following permitted sites:

MP7a	Marblaegis Mine
MP7b	Bantymock Quarry

- b) The following extension to the existing Bantymock quarry:

MP7c	Bantymock Quarry South	8.5 million tonnes
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Note: The above sites are shown on the Policies Map

2. Proposals for gypsum extraction outside the permitted sites identified above will be supported where a need can be demonstrated.

Planning applications for site allocations should be made in accordance with the site development briefs set out in Appendix 2

Justification

- 4.72. There is no national demand forecast or requirement to identify a local apportionment figure for Gypsum production and it is up to the industry to identify adequate reserves to maintain production.

Site Information

- 4.73. Permitted reserves at the Marblaegis Mine (MP7a) are sufficient until at least 2026 and represent the full extent of the mine within Nottinghamshire. (See appendix 3 – inset 17). When these reserves are utilised, mining will move eastwards towards Wymeswold in Leicestershire.
- 4.74. Permitted reserves at Bantycok Quarry are currently expected to be adequate until around 2023 at current rates of extraction. (See appendix 3 – inset 15)

Bantycok Quarry South (MP7c)

- 4.75. A southern extension to the existing quarry is being proposed for allocation which would be worked once the existing permitted quarry has been exhausted. Output is expected to be between 350,000 – 500,000 tonnes per annum giving the quarry an additional 15-24 years. The restoration of the quarry is proposed to be largely back to agriculture in line with the existing quarry restoration.

MP8: Silica Sand Provision

Introduction

- 4.76. Silica sand is a non-aggregate form of Sherwood Sandstone that is also known as 'industrial sand'. Unlike aggregate sands, which are used for their physical properties alone, silica sands are valued for a combination of chemical and physical properties. It is used in the making of glass and creating molds and castings in industrial processing. This sand is also used in sand blasting, adding texture to slick roads and as a raw material in production of ceramics and sports surfaces. Compared to aggregate sand, silica sand resources are much less widespread. In Nottinghamshire silica sand is found within the 'Nottingham Castle Formation'.
- 4.77. The specialist nature of silica sand products means that the market area is very large and serves local, regional and national requirements. Due to the relatively small volumes of material and the varied destinations all silica sand extracted in Nottinghamshire is currently transported by road.

Policy MP8: Silica Sand Provision

1. The extraction of remaining reserves at the following permitted sites will be utilised to contribute towards the provision of an adequate and steady supply of silica sand sufficient for at least ten years:

MP8a Two Oaks Farm

Note: The above sites are shown on the Policies Map

2. Proposals for silica sand extraction outside the sites identified above will be supported where a need can be demonstrated.

Justification

- 4.78. There is no national demand forecast or local apportionment for silica sand although the NPPF does require a 10 year landbank of permitted reserves to be identified.
- 4.79. A silica sand quarry at Two Oaks Farm (see appendix 3 – inset 11), south of Mansfield has permitted reserves of approximately 12 million tonnes which is expected to be adequate for around 40 years. This satisfies the recommended 10 year landbank per quarry (or 15 years when significant new capital is needed) set out in national policy.

MP9: Industrial Dolomite Provision

Introduction

- 4.80. Industrial dolomite is an industrial grade limestone that is mainly used in the iron and steel industry. The resource in the UK is rare and locally is only found in parts of the Magnesian Limestone which is mainly worked for aggregate grade mineral. The end market for industrial dolomite products is international due to the scarcity of this high quality mineral.
- 4.81. No industrial dolomite is currently worked in Nottinghamshire although there are known reserves in a small area near Holbeck village. Just across the County boundary at Whitwell in Derbyshire industrial dolomite is quarried alongside aggregate stone on a large scale. Typically around 1 million tonnes are extracted every year at this quarry with the tonnage being split evenly between the industrial grade and aggregate limestone. The industrial dolomite is processed into a range of refractory and other products in the on-site kilns and then exported to 28 countries spanning 4 continents.

Policy MP9: Industrial Dolomite Provision

Proposals for industrial dolomite extraction will be supported where a need can be demonstrated.

Justification

- 4.82. There is no national demand forecast or local apportionment for industrial dolomite. However, the NPPF states that Minerals Planning Authorities should plan for a steady and adequate supply of industrial minerals. Given the scarcity of the resource and the international market it supplies it will be important to work with Derbyshire County Council in relation to the existing site at Whitwell Quarry, to ensure that this can be achieved.
- 4.83. Existing permitted reserves at Whitwell quarry in Derbyshire are expected to be adequate until 2033 for industrial dolomite and 2040 for aggregate grade limestone, however due to operational requirements further reserves are likely to be needed before this date to maintain future production.
- 4.84. No site specific proposals for Industrial Dolomite were put forward for consideration as part of the evidence gathering process. As a result a criteria based policy is being proposed.
- 4.85. The known industrial dolomite reserve in Nottinghamshire is located close to Creswell Crags which is categorised as a Scheduled Ancient Monument, a Site of

Special Scientific Interest and forms part of the Registered Park and Garden of Welbeck Abbey. The Craggs are also identified on a short list for a potential future World Heritage Site. Therefore any proposal would require careful consideration of the potential impacts on the historic environment offset against the international need for the mineral.

MP10: Building Stone Provision

Introduction

- 4.86. The continued quarrying of local building stones play an important role in helping to preserve the historic environment and enhancing the local distinctiveness of an area. Local stone is needed to allow existing historic buildings to be properly repaired and it also means new buildings in historic areas can blend in more effectively. The only permitted building stone quarry in Nottinghamshire quarries Bulwell Stone, a buff coloured limestone used as a building stone and more widely as a walling stone used to front many older properties in Nottingham and its suburbs.

Policy MP10: Building Stone Provision

1. The extraction of building stone at the following permitted site will be utilised to maintain future supply:

MP10a Yellowstone Quarry

2. Proposals for the extraction of building stone outside the permitted site identified above will be supported where it can be demonstrated that extraction will be primarily for non-aggregate use.

Note: The above site is shown on the Policies Map

Justification

- 4.87. National policy is reflected through Strategic Objective 7 (page 15), in that the identification of building stone quarries should be supported to ensure that adequate provision can be made to help conserve the historic built environment and local distinctiveness. Yellowstone quarry at Linby has planning permission to extract building stone but it is currently inactive. If reopened this could provide building stone to serve the local market and is the only such quarry in Nottinghamshire. (see appendix 3 – insert 11).
- 4.88. To date no other sites have been put forward, however demand for a specific building stone could drive the need to develop a new quarry. In this instance criterion 2 in policy MP10 will be used to assess future applications at other sites to ensure that the specialised resource is not used for aggregate purposes. This is in line with national requirements to make the best use of the limited resources to secure long term conservation.
- 4.89. In demonstrating a need, regard should be had to the Strategic Stone Study for Nottinghamshire (2013). This was undertaken by the British Geological Survey (BGS) and highlights the wide variety of local stones that have been quarried in the past. Evidence of this historic working may help to identify potential sources of

these materials. These stones are a key component of the County's local distinctiveness and maybe required in the future for historic building repair or to allow sympathetic new development in historic areas.

MP11: Coal

Introduction

- 4.90. Most of Nottinghamshire's coal resources are deeply buried and have to be exploited by deep coal mining. It is only in the far west of the County along the Erewash Valley where the coal measures are exposed, that surface (opencast) extraction is possible. The last deep mine in Nottinghamshire located at Thoresby Colliery closed in July 2015. A proposal to work surface mined coal at Shortwood Farm near Cossall has planning permission but has yet to be worked. (see Plan 4).

Colliery tipping

- 4.91. When coal is mined, a considerable amount of waste spoil is removed, which has to be disposed of. Due to the closures of the remaining collieries in Nottinghamshire, it is unlikely that any additional land will be required for spoil disposal over the plan period. If in the future new coal reserves are exploited this may be a significant consideration for any new proposal.

Coal recovery

- 4.92. Historical coal processing was often inefficient and substantial quantities of coal were left in the spoil. At some sites it may now be economic to recover this coal, which can amount to several hundred thousand tonnes in a single large tip. Coal recovery involves the re-excavation of spoil for processing, the remainder of which is then re-deposited within the original tipping area. The last tip to be worked in this way was Langton Colliery tip near Kirkby in Ashfield, between 2011 and 2013 (see Plan 4).

Policy MP11: Coal

1. Permission for the extraction of coal will only be granted where:
 - a) the proposal is environmentally acceptable, or can be made so by mitigation; or
 - b) the proposal provides national, local or community benefits which clearly outweigh the likely adverse impacts.

Along with the above the following will be taken into account:

Surface mined coal: Incidental mineral extraction

2. Where proposals for surface mined coal are acceptable, proposals for the recovery and stockpiling of fireclays and other incidental minerals will be supported where this does not result in any unacceptable environmental or amenity impact.

Colliery Tipping

3. Proposals for colliery tipping will be supported where:
 - a) a need can be demonstrated; and
 - b) the proposal is environmentally acceptable.

Reworking colliery spoil tips/lagoons

4. Applications will be supported for the reworking of colliery spoil tips/lagoons where the environmental and economic benefits of the development, including addressing the likelihood of spontaneous combustion and substantial environmental improvement of the site, outweigh the environmental or amenity impacts of the development or the loss of established landscape and wildlife features.

Justification

- 4.93. National guidance sets out that permission should not be granted for the extraction of coal unless the proposal is environmentally acceptable, or can be made so by planning conditions or obligations or if it is not environmentally acceptable where national, local or community benefits clearly outweigh the likely impacts. There are no production targets as the Government believes this is a matter for the markets reinforced by long term policy measures.
- 4.94. Although it is unlikely that additional colliery tipping will be required during the plan period, this activity can have significant impacts in terms of land take and visual prominence. Should proposals for future coal extraction come forward, these will need to be accompanied by details of how the spoil would be managed.

- 4.95. The reworking of colliery spoil tips and lagoons is in principle a sustainable activity as it recovers coal that has been discarded as waste and it can provide an opportunity to properly reclaim old tips/lagoons that may have been left in a poor state. However, it can also have a significant impact on the environment in terms of visual intrusion, traffic movements, noise and dust. These impacts have to be weighed against the benefits, which could include opportunities for landscape or habitat enhancement.

MP12: Oil and Gas

Introduction

- 4.96. Oil and gas (Hydrocarbons) are the most important energy minerals produced and consumed in the UK. In 2014, 81 million tonnes were produced in the UK, whilst 132 million tonnes were consumed².
- 4.97. Historically, two main forms of hydrocarbons have been worked in Nottinghamshire; oil and mine gas. However other potential sources such as coal bed methane and shale gas (unconventional hydrocarbons) are being explored and could be worked over the plan period. Plan 4 identifies the known hydrocarbon resources and existing permitted sites in Nottinghamshire.

Oil

- 4.98. Oil has been extracted on a small scale since the Second World War when oil reserves in deeply buried sandstones were identified at Eakring. Since then further oil fields have been identified, mostly in north Nottinghamshire, but also as far south as Rempstone near the boundary with Leicestershire. The oil recovered in Nottinghamshire is of high quality and mainly used in the plastics and chemical industries rather than as a fuel. Most is taken by rail from the central collecting station at Gainsborough to refineries at Immingham, Humberside.

Mine gas

- 4.99. Mine gas refers to the methane that is released from coal seams during deep mining. When mining ceases and ventilation shafts are closed, this gas can fill the mineshafts and other voids and can escape to the surface where it can pose a threat to health and safety in the locality. The situation has become much more prevalent recently because of the number of Nottinghamshire collieries that have closed over the last 30 years. Mine gas can be recovered and burnt to generate electricity.

Coal bed methane

- 4.100. Coal bed methane extraction involves removing methane directly from the coal seam without mining the coal. The industry is most developed in the USA, whilst in the UK and Europe it remains in its infancy. Interest is however developing and it could become a significant energy source for the future. In Nottinghamshire several proposals for coal bed methane exploration have been granted planning permission. Nearly all of Nottinghamshire overlies a potential coal bed methane resource but the most promising prospects are believed to exist in the eastern half of the County due to the geological formation.

² UK Minerals Statistics Yearbook 2015 British Geological Survey, page 58-59

Underground coal gasification

- 4.101. Energy can also be recovered from coal in the ground by a process known as 'underground coal gasification'. This burns the coal underground using steam/water and oxygen to generate hydrogen, carbon monoxide and methane. It generates far more energy than coal bed methane which does not extract any energy from the solid coal itself. This technology has not been applied to any significant extent and the prospect of this technology being developed remains uncertain.

Shale gas

- 4.102. Vast quantities of methane exist in many shale deposits worldwide and recent technological advances have now made it economically possible to exploit them. The technology and exploitation of shale gas is most advanced in the USA where it has gone through a period of very rapid development and is now exploited on a very large scale. The UK also has a significant, but largely untested potential shale gas resource. In Nottinghamshire, potential shale gas resources are thought to exist in deeply buried shale deposits found in the far south and north of the County.
- 4.103. Shale gas extraction involves vertical and horizontal drilling to reach the shale rock formation. A mixture of water, sand and additives is then pumped under high pressure into the bore hole to fracture the rock (a process known as 'fracking'). The gas trapped in the rock is then released and can be collected.

Policy MP12: Oil and Gas

1. Exploration and appraisal of oil and gas will be supported, provided the site and equipment:
 - a. Are not located in a protected area other than in exceptional circumstances where this does not compromise the reasons for the designation and the need for development can be demonstrated; and
 - b. Are located where this will not have an unacceptable environmental impact.
2. The commercial production of oil and gas will be supported, provided the site and equipment:
 - a. Are not located in a protected area other than in exceptional circumstances where this does not compromise the reasons for the designation and the need for development can be demonstrated; and
 - b. Are located at the least sensitive location taking account of environmental, geological and technical factors.
3. Proposals at each stage must provide for the restoration and subsequent aftercare of the site, whether or not oil or gas is found.

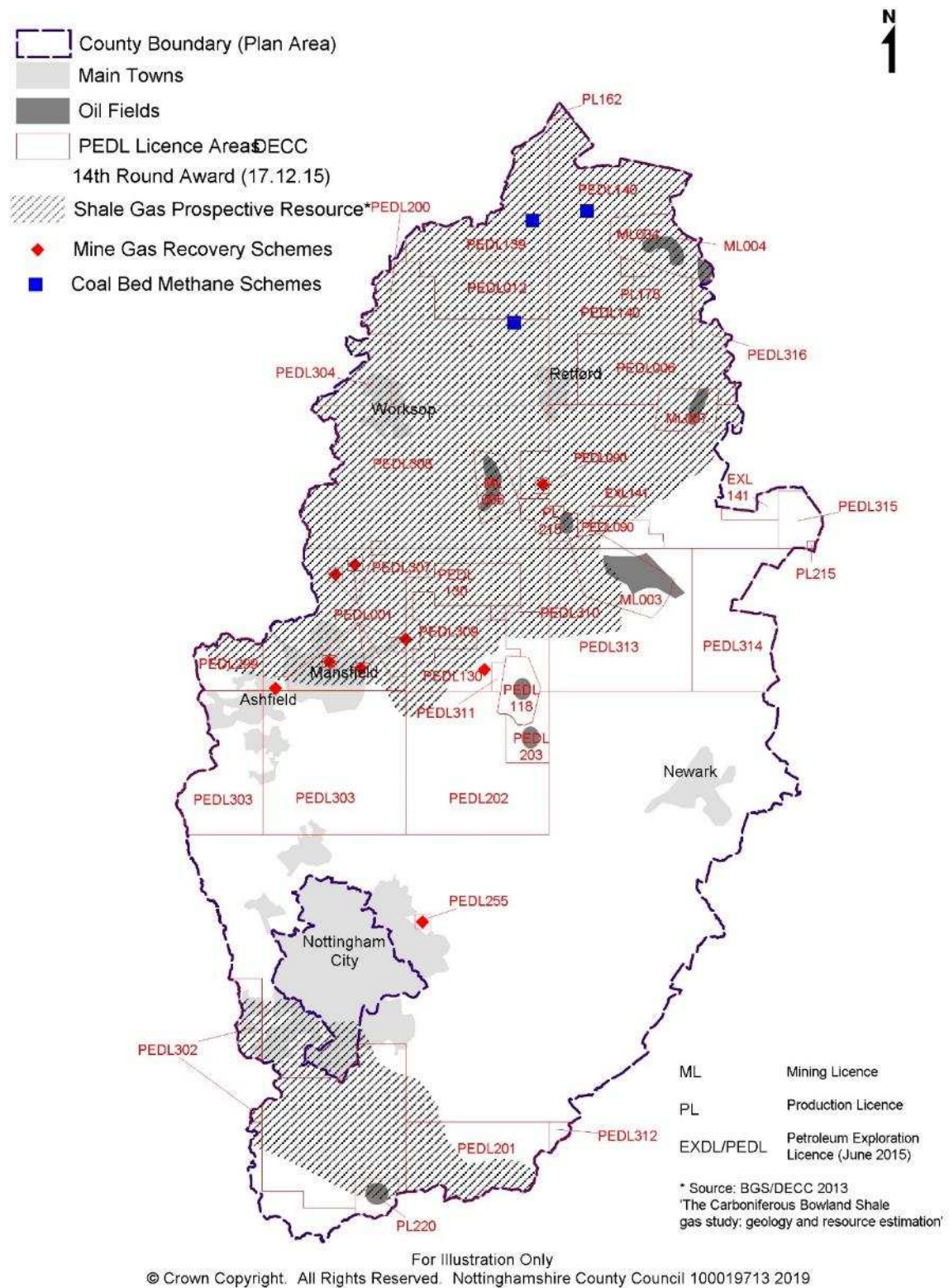
Justification

- 4.104. One of the most serious energy issues facing the UK is the expected rapid decline in domestic oil and gas production as our offshore reserves are depleted. By 2020, the UK could be importing around three quarters of its primary energy needs. High energy prices and the need to maintain long-term energy security, mean there is a national need to explore and develop new domestic sources of oil and gas. This includes previously untapped resources such as coal bed methane and shale gas, both of which are known to exist in Nottinghamshire. The capture and use of mine gas from abandoned mines is also encouraged.
- 4.105. The NPPF states that for oil and gas including unconventional hydrocarbons, minerals planning authorities should develop criteria-based policies that clearly distinguish between the three phases of development (exploration, appraisal and production) and to address constraints that apply within licensed areas.
- 4.106. The initial exploration phase seeks to establish whether oil and gas are present and may involve seismic surveys, exploratory drilling or hydraulic fracturing. Appraisal is the next phase to find out the extent and quality of the deposit. This could include additional seismic work, drilling additional wells, further hydraulic fracturing and flow tests to establish the economic viability of the resource and its potential productive life. The production phases normally involves drilling a number of wells. This could be those used during earlier exploration and/or appraisal or wells at a new site. Associated equipment such as pipelines, processing facilities and temporary storage tanks are also likely to be required.
- 4.107. The Planning Practice Guidance states that existing hydrocarbon developments, along with Petroleum Licence Areas should be identified in local plans (see plan 5). Site specific allocations can be included in the local plan if put forward by the industry, however no such sites were put forward as part of the 'call for sites' exercise undertaken as part of the evidence gathering process.
- 4.108. It is considered that there is no justifiable reason in planning policy terms to separate shale gas from other hydrocarbon development. All hydrocarbon development has the potential to deliver national energy requirements but should be subject to environmental safeguards. Applied to the local circumstances of the Minerals Local Plan, the assessment of environmental and amenity impact (i.e. the constraints on hydrocarbon development) is covered by and can be delivered through the application of the development management policies. Separate legislation also identifies certain requirements in relation to protected groundwater areas or other protected areas³.

³ The Onshore Hydraulic Fracturing (Protected Areas) Regulations 2016

- 4.109. Oil and gas extraction can only take place in areas where the Oil and Gas Authority has issued a Petroleum Exploration and Development License (PEDL) under powers granted by the Petroleum Act 1998. The current licensed areas are shown on the policies map.
- 4.110. A UK Petroleum Exploration and Development Licence (PEDL) allows a company to pursue a range of oil and gas exploration activities, subject to necessary drilling/development consents and planning permission.
- 4.111. Planning permission is one of the main regulatory requirements that operators must meet before drilling a well for both conventional and unconventional hydrocarbons. The County Council is responsible for granting permission for the location of any wells and well pads, and will impose conditions to ensure that the impact on the land is acceptable. However, it is not the only regulatory body that permission for extraction is required from. They include:
- The Oil and Gas Authority issues PEDL, gives consent to drill under the Licence once other permissions and approvals are in place, and have responsibility for assessing risk of and monitoring seismic activity, as well as granting consent for flaring or venting;
 - Environment Agency (EA) – protect water resources (including groundwater aquifers), ensure appropriate treatment and disposal of mining waste, emissions to air, and suitable treatment and manage any naturally occurring radioactive materials;
 - Health and Safety Executive (HSE) – regulates the safety aspects of all phases of extraction, in particular responsibility for ensuring the appropriate design and construction of a well casing for any borehole.
- 4.112. A Frequently Asked Questions (FAQ) document on unconventional hydrocarbons has been produced by the County Council and can be found on the Council's website.

Plan 5: Coal and hydrocarbons



5. Development Management Policies

Introduction

- 5.1. The purpose of development management policies is to help to deliver the strategic policies and objectives by providing the criteria against which future minerals development will be assessed. They relate specifically to individual, site level criteria such as environmental impacts and standards and provide guidance about how planning applications for minerals development in the County will be assessed.
- 5.2. Applicants are advised to discuss proposals for minerals development with the County Council prior to submission of a planning application, as set out in the adopted Statement of Community Involvement (SCI). Such pre-application engagement can enable early identification of potential constraints and has the potential to improve efficiency and effectiveness of the planning system. This approach is encouraged by the Government and more details are set out in the National Planning Policy Framework.
- 5.3. Applications for minerals development should provide sufficient information to allow a balanced assessment to be made.

Environmental Impact Assessment

- 5.4. Environmental Impact Assessment (EIA) is often required for major developments that are likely to have significant impacts on the environment. The EIA process is used to identify the likelihood of significant impacts occurring as a result of a development, how these could be mitigated, and alternative ways in which the development could be carried out. Where EIA is required, the findings of this process must be included in a separate Environmental Statement to be submitted alongside the planning application.
- 5.5. All mineral planning applications that meet the appropriate thresholds and criteria set out in the EIA Regulations (2011) will therefore be screened to determine whether or not EIA is required. Applicants may also request a formal screening opinion from the MPA prior to submitting a planning application. Where EIA is required, applicants may also request a scoping opinion setting out the issues to be addressed within the Environmental Statement.

Review of Mineral Permissions

- 5.6. Mineral planning permissions are subject to periodic review in accordance with the legislative requirements of the Planning and Compensation Act 1991 and the Environment Act 1995. This review process is used to ensure that mineral sites continue to work under modern conditions which reflect sustainability aspirations and offer appropriate environmental protection.

- 5.7. The review process is carried out in a similar way to the processing of a planning application but is focussed on bringing planning conditions up to date. The process cannot be used to remove legal working rights and compensation may be payable if working rights are unreasonably affected. Review submissions may be subject to Environmental Impact Assessment in the same way as a planning application. Applicants submitting review schemes should have regard to the requirements of the policies contained in this document, and ensure that all the environmental issues are satisfactorily addressed.

DM1: Protecting Local Amenity

Introduction

- 5.8. Minerals extraction by its very nature can have significant effects on the existing environment and the amenity of those living and working nearby. Potential impacts include noise, blasting, dust, increased levels of traffic and visual impact. It is therefore important that proposals for new minerals development take account of potential issues to ensure that, where possible, they are avoided in the first instance. Where this is not possible, adequate mitigation measures should be put in place to minimise the impacts of the development to an acceptable level.

Policy DM1: Protecting Local Amenity

Proposals for minerals development will be supported where it can be demonstrated that any adverse impacts on amenity are avoided or adequately mitigated to an acceptable level. The types of impacts that need to be considered include but are not restricted to:

- Landscape and Visual impacts;
- Noise;
- Blast vibration;
- Dust;
- Mud
- Air emissions;
- Lighting;
- Transport;
- Stability of the land at and around the site, both above and below ground level.
- Loss of designated open/green space

Justification

- 5.9. Ensuring a good standard of amenity for all existing and future occupants of land and buildings is a core planning principle of the National Planning Policy Framework. New and existing development should not contribute to, or be put at risk from, pollution or other sources of nuisance or intrusion which could adversely affect local amenity, particularly in relation to sensitive receptors.
- 5.10. The precise level of impacts will vary according to local conditions and the type, scale, and intensity of development proposed. Factors to be considered will therefore include the local topography, the position of the proposed development in relation to other uses and the degree to which any adverse effects can be mitigated. Depending upon the proximity and sensitivity of surrounding land uses an appropriate stand-off distance may be required between the proposed mineral

working area and nearby residential or other sensitive uses. This will be determined on a case by case basis taking account of any proposed mitigation measures.

- 5.11. The visual impacts of mineral working will vary depending on the scale, duration, and type of operation proposed. It is important that sites are located sensitively in terms of their wider setting and that the detailed site layout is designed to minimise potential impacts. This could include measures such as additional landscape screening; the direction and phasing of site working and reclamation; and the location of fixed or mobile processing plant, buildings, stockpiles and internal haul roads. National guidance suggests that a landscaping strategy should accompany proposals for mineral development which should define the likely impacts and identify appropriate screening and mitigation measures to minimise visual impact and the impact on landscape quality.
- 5.12. In accordance with national policy, all mineral working proposals should ensure that any unavoidable noise, mud, dust and particle emissions and any blasting vibrations are controlled, mitigated or removed at source. Where appropriate this will include establishing appropriate noise limits for extraction in proximity to noise sensitive properties. Appropriate measures to mitigate potential noise impacts include the use of noise suppression equipment on plant and machinery and acoustic barriers, site specific noise limits and restrictions on site operating hours. Further guidance on noise assessment is provided within the Planning Practice Guidance and Explanatory Note of the Noise Policy Statement for England.
- 5.13. Proposals will also need to demonstrate that they will not have an adverse impact on air quality from dust, plant or vehicle emissions. A dust assessment study may be required to determine the impacts during site construction, operation and restoration. This should include details of appropriate mitigation measures such as relocating potential sources of dust within the site to minimise impacts and the use of dust suppression equipment, limiting on-site vehicle speeds and the temporary suspension of dust-causing activities during unfavourably dry or windy conditions. Dust monitoring may need to be carried out where dust generating activities are to be carried out close to neighbouring sensitive properties. The use of site sweepers and wheel-washing equipment may also be required to limit the spread of dust or mud off-site.
- 5.14. The planning process should ensure, wherever possible, that the potential for air emissions from site machinery and or related transport to occur from new, or changes to, existing development are dealt with through appropriate site layout, design, maintenance and operation.
- 5.15. Good site design is also encouraged in order to limit the impact of light pollution on local amenity, intrinsically dark landscapes and nature conservation. Guidance,

such as that from the Institute of Lighting Professionals (Guidance Notes for the Reduction of Obtrusive Light), should be considered to ensure lighting schemes are suitable for the site location. Factors to consider will include the height and angle of lighting installations, the use of shielding and proposed hours of use.

- 5.16. Potential impacts on local amenity arising from the transportation of minerals include an increase in the number and size of vehicles on the existing road network, damage to roads and verges, vibration, mud, dust and noise. Measures to limit the adverse effects on local amenity could include sheeting of lorries, wheel cleaning facilities; highway improvements and maintenance; and controls over the number of vehicles and hours of working. Policy DM9 contains further measures relating to highway safety.
- 5.17. Mineral development proposals must also take account of existing and potential future site stability issues. National policy is clear that, where a site is affected by contamination or land stability issues, responsibility for securing a safe development rests with the developer and/or landowner.
- 5.18. Areas of open space and locally designated Green Pace Areas have an important role to play in protecting local amenity and can provide health and recreational benefits to people living and working nearby. They can also help to benefit local wildlife. The Council's Health and Well-Being Strategy recognises the importance of our environment in maintaining physical and mental health.
- 5.19. Most forms of minerals development are likely to require an Environmental Impact Assessment (EIA) to examine the likely significant environmental effects what is being proposed. EIA is undertaken by developers as a means of drawing together, in a systematic way, an assessment of the likely significant environmental effects of certain types of minerals proposal.
- 5.20. Where there is a possibility that a proposed mineral development will require an EIA, developers are advised to consult the County Council well in advance of a planning application, and formally request an opinion on whether an EIA is required and, if so, its scope.
- 5.21. Where appropriate, avoidance or mitigation measures required to make a minerals development acceptable as a result of this policy will be secured through planning conditions attached to the planning permission. Where measures cannot be secured in this way, planning obligations (also known as Section 106 Agreements) may be used to make the development acceptable in planning terms. See Policy DM11: Planning Obligations for further details.

DM2: Water Resources and Flood Risk

Introduction

- 5.22. Minerals development by its very nature will at some point affect surface and or ground water resources. This could be as a result of pumping water from areas where mineral is worked below the water table or where mineral is extracted in the flood plain. These activities could have impacts on a much wider area than just the boundary of the proposal. It is therefore important that these impacts are avoided and reduced through good design and management of minerals sites.
- 5.23. The protection of ground and surface water quality is important for both people and wildlife. Proposals for mineral working must therefore ensure that there is no adverse impact on the flow, quantity and quality of surface and groundwater.

Policy DM2: Water Resources and Flood Risk

Water resources

1. Proposals for minerals development will be supported where it can be demonstrated that there are no unacceptable impacts on surface water quality and flows or groundwater quality and levels at or in the vicinity of the site.
2. Where opportunities exist, measures should be included to improve overall water quality.
3. Water resources, where required, should be used as efficiently as possible.

Flooding

4. Proposals for minerals development will be supported where it can be demonstrated that there will be no unacceptable impact on:
 - a. Flood flows and storage capacity at the proposed site or in the vicinity of the site;
 - b. The integrity or function of flood defences or structures acting as flood defences;
 - c. Local land drainage systems.
5. Where the opportunity exists, restoration proposals should seek to incorporate flood risk reduction measures e.g. flood plain storage and reconnection, flood defence structures, and land management practices to benefit local communities.
6. Minerals development should include Sustainable Drainage Systems (SuDS) to manage surface water drainage unless it can be shown that it is impracticable to do so.

Justification

- 5.24. Applicants will be required to assess the potential impacts upon the water environment at both extraction and restoration phases, undertaking a hydrological/hydrogeological investigation where necessary. Where appropriate this should include details of how potential impacts from site pumping (de-watering) will be mitigated. Measures will also need to be taken to protect ground and surface water sources from potential contamination from dust or fuel spillage from plant, vehicles and storage tanks.
- 5.25. The Environment Agency is the main authority for safeguarding the water environment; it is responsible for improving and protecting inland and coastal waters ensuring sustainable use of natural water resources, creating better habitats and other factors that help to improve the quality of life. The Environment Agency publishes Information on groundwater vulnerability and the location of source protection zones for water supply.
- 5.26. The Environment Agency's Approach to Groundwater Protection uses aquifer designations which are consistent with the Water Framework Directive. This reflects the importance of aquifers in terms of groundwater as a resource and also their role in supporting surface water flows and wetland ecosystems. A key aim of the Water Framework Directive is to prevent deterioration in the status of water bodies, improve their ecological and chemical status and prevent further pollution.
- 5.27. Water supply and the disposal of sewage and foul water from any site should be discussed with the relevant water company and the Environment Agency to ensure no deterioration of surface water or groundwater quality. Where water abstraction is required as part of the proposed working scheme, applicants should consult with the Environment Agency and refer to the Agency's Abstraction Licencing Strategy.
- 5.28. Applicants must also consider potential flood risk issues at the outset of any scheme. National guidance states that inappropriate development in areas of flood risk should be avoided by directing development away from areas of highest risk. However, minerals can only be worked where they are found, and extraction is therefore classed as a temporary activity. Due to their specific nature, mineral workings are classified as either Water Compatible or Less Vulnerable development. As such, minerals development can be permitted within Flood Zones 1, 2 and 3a. Sand and gravel quarries are also appropriate in Flood Zone 3b subject to meeting additional criteria. The site selection process for the site allocations identified within the Local Plan has taken account of the Sequential Test, the purpose of which is to steer new development to areas with the lowest probability of flooding.

- 5.29. At the planning application stage, operators may be required to undertake a site-specific Flood Risk Assessment where:
- Development sites are located in Flood Zone 2 or Flood Zone 3;
 - The proposed development is classed as a major development (all sites over 1 ha) and located in Flood Zone 1. Since the risk of fluvial or tidal flooding is minimal such assessments should focus on the management of surface water;
 - Development sites located in an area known to have experienced flooding problems from any flood source;
 - Where a development site is located within 20m of a Main River.
- 5.30. The National Planning Practice Guidance provides details as to the content of Site Specific Flood Risk Assessments. As a minimum, assessments should take account of:
- The areas liable to flooding;
 - The probability of flooding occurring, both during operations and after;
 - The extent and standard of existing flood defences and their effectiveness over time;
 - The likely depth of flooding;
 - The rates of flow likely to be involved;
 - The likelihood of impacts to other areas, properties and habitats;
 - The potential effects of climate change;
 - Identify opportunities to reduce overall flood risk
 - Application of the sequential test at a site level
- 5.31. Mineral extraction within floodplains can temporarily reduce storage capacity, impede flows and therefore increase the risk of flooding elsewhere. Potential obstructions can include soil and overburden mounds and fixed plant. In addition, buildings and hard standing associated with minerals development can lead to an increase in surface run-off and therefore contribute to flooding.
- 5.32. Careful site design at the planning application stage will be required to address potential flood issues and emergency planning, including locating any stockpiles, storage mounds, fixed plant or buildings in the least vulnerable parts of the site and, if it's not possible to locate any essential sleeping or residential accommodation for staff in areas not vulnerable to flooding, to ensure that they are subject to a specific flood warning and evacuation plan. Where appropriate, Sustainable Drainage Systems (SuDS) that are capable of storing and controlling the discharge of water should be incorporated into the design of proposals.
- 5.33. There may also be occasions where site operators are required to provide future flood defence maintenance to ensure the standard of protection is maintained for the duration of site operations.

- 5.34. Multiple environmental benefits can however be delivered through the restoration of mineral workings; simultaneous benefits to flood risk management, habitat creation and Water Framework Directive improvements can be achieved. The restoration of quarries should ensure that opportunities are explored for delivering wider environmental benefits through site restoration schemes. This could include river bank realignment and floodplain reconnection.
- 5.35. A number of different bodies have responsibilities in terms of managing flood risk. The Environment Agency is responsible for managing the risk of flooding from main rivers and reservoirs and coastal areas and prepares national and regional flood risk guidance and strategies.
- 5.36. Nottinghamshire County Council has a strategic role in overseeing the management of local flood risk, flooding from surface water runoff, groundwater and ordinary watercourses and will be working with the Environment Agency and the Water Companies on strategies to tackle this issue. The County Council is developing a Flood Risk Management Strategy in partnership with other organisations including District and Borough Councils, Severn Trent Water, the Environment Agency, Internal Drainage Boards and Nottingham City Council.
- 5.37. Internal Drainage Boards (IDBs) are statutory public bodies and operate in accordance with the Land Drainage Act and other legislation. There are two in Nottinghamshire; The Trent Valley Board's district extends through the Trent Valley from south Nottingham to just north of Gainsborough and part of the Vale of Belvoir. The Isle of Axholme and North Nottinghamshire Water Level Management Board covers the Idle Valley. Their principal role is to manage water levels in connection with flood risk and land drainage. Boards have powers to maintain a selected network of watercourses within their areas. Other watercourses are the responsibility of the landowner, but the Boards also have permissive powers to ensure that they are satisfactorily maintained.

DM3: Agricultural Land and Soil Quality

Introduction

- 5.38. Most of the County's undeveloped land is in agricultural use. Agricultural land and high-quality soils are a vital natural and economic resource and it is important to protect the highest quality land from development that would harm the long-term soil quality and agricultural potential.

Policy DM3: Agricultural Land and Soil Quality

Agricultural land

1. Proposals for minerals development located on the best and most versatile agricultural land (grades 1, 2 and 3a) will be supported where it can be demonstrated that:
 - a. Proposals will not affect the long term agricultural potential of the land or soils; or
 - b. There is no available alternative and the need for development outweighs the adverse impact upon agricultural land quality.
2. Where alternative options are limited to varying grades of best and most versatile land, the development should be located within the lowest grade.

Soil quality

3. Measures will be taken to ensure that soil quality will be adequately protected and maintained throughout the life of the development and, in particular, during stripping, storage, management and final placement of soils, subsoils and overburden arising as a result of site operations.

Justification

- 5.39. Minerals development often involves the use of large areas of agricultural land as extraction can only take place where the minerals naturally occur. National policy and guidance state that where significant development of agricultural land is considered to be necessary, poorer quality land should be used in preference to that classed as best and most versatile, provided this is consistent with other sustainability criteria.
- 5.40. Where sites are already in agricultural use, it may be desirable for the land to be returned to agriculture following development although other uses may be appropriate provided that the long-term potential of the best and most versatile agricultural land can be maintained.

- 5.41. In keeping with the approach set out in Policy SP2, this could include biodiversity led-restoration schemes as long as the land and soil is maintained in a state capable of supporting agriculture in future, should the need arise.
- 5.42. Where agricultural restoration is the preferred option, this can still deliver significant benefits for 'farmland' biodiversity in the form of hedgerows, ponds small woodlands and other habitat features and, if well designed, thereby delivering a net gain for biodiversity. Moreover, many Habitats of Principal Importance such as Lowland Meadows or Floodplain Grazing Marsh can be compatible with commercial livestock systems and are dependent upon agricultural management. Water features in agricultural restoration can contribute to agricultural irrigation, biodiversity, flood alleviation and storage, and landscape enhancement in a multi-functional way, and should all be considered.
- 5.43. Soils are an important and valuable restoration material and their proper handling and conservation is essential. The whole soil profile is not just important for agricultural restoration. It can also be important for other uses, such as sports pitches and nature conservation. Mismanagement of the soil resource is likely to seriously prejudice the standard of restoration. The practice of site restoration and returning soil to a good quality can help reduce surface water runoff, via improved infiltration. This can lead to reduced suspended solids running off into local water courses which is beneficial for both the objectives of the Water Framework Directive and flood risk management.
- 5.44. For most sites a detailed soil survey will be required to identify soil types, profiles and depths. Where different soils are recorded, separate stripping, storage and replacement may be required to allow reinstatement of the original or suitable alternative soil profiles. Operators may therefore be required to submit a soil handling scheme as part of their proposals.
- 5.45. In some circumstances the relocation of soils of sufficient quality to ensure better agricultural use elsewhere may be appropriate to protect this important resource. Policy DM12: Restoration, After-use and Aftercare provides further information.

DM4: Protection and Enhancement of Biodiversity and Geodiversity

Introduction

- 5.46. The importance of biodiversity cannot be underestimated. It consists of the rich diversity of flora and fauna which form a critical part of the earth's ecosystem which humans are a part of and depend on. Biodiversity brings other benefits too. It can be important in flood protection, filter air and waterborne pollutants, cool the urban environment, moderate noise, foster understanding of the natural environment, increase the attractiveness of an area and therefore encourage more people to interact with their local environment and contribute to healthier lifestyles. It is therefore important to ensure that new minerals development is appropriately managed.

Policy DM4: Protection and Enhancement of Biodiversity and Geodiversity

1. Proposals for minerals development will be supported where it can be demonstrated that:
 - a) They will not adversely affect the integrity of a European site (either alone or in combination with other plans or projects, including as a result of changes to air or water quality, hydrology, noise, light and dust), unless there are no alternative solutions, imperative reasons of overriding public interest and necessary compensatory measures can be secured;
 - b) They are not likely to give rise to an adverse effect on a Site of Special Scientific Interest, except where the benefits of the development clearly outweigh the importance of the site and where no suitable alternative exists;
 - c) They are not likely to give rise to the loss or deterioration of Local Sites (Local Wildlife Sites or Local Geological Sites) except where the need for and benefits of the development in that location outweigh the impacts;
 - d) They would not result in the loss of populations of a priority species or areas of priority habitat. Development that would result in the loss or deterioration of irreplaceable habitats will only be permitted where there are wholly exceptional reasons and a suitable compensation strategy exists.
2. Where impacts on designated sites or priority habitats or species cannot be avoided, then adequate mitigation relative to the scale of the impact and importance of the resource must be put in place, with compensation measures secured as a last resort.

3. Nottinghamshire's biodiversity and geological resources will be enhanced by ensuring that minerals development:
- a) Retains, protects, restores and enhances features of biodiversity or geological interest, and provides for appropriate management of these features, and in doing so contributes to targets within the Nottinghamshire Local Biodiversity Action Plan;
 - b) Makes provision for habitat adaptation and species migration, allowing species to respond to the impacts of climate change; and
 - c) Maintains and enhances ecological networks, both within the County and beyond, through the protection and creation of priority habitats and corridors, and linkages and stepping stones between such areas.

Justification

- 5.47. Nottinghamshire has an extensive network of sites, both designated and non-designated, which are important for their biodiversity and geological interest. At the international level, 'European sites' (also known as the Natura 2000 sites) are of exceptional importance in respect of rare, endangered or vulnerable natural habitats and species within the European Community. These sites consist of Special Areas of Conservation (SACs) and Special Protection Areas (SPAs). Ramsar sites are also designated at the international level; however, Nottinghamshire does not currently contain any of these.
- 5.48. Sites of international importance are specifically protected under national legislation and any proposal that would be likely to have a significant effect on a European site, either alone or in combination with other plans or projects, would need to ensure that all impacts can be mitigated. This protection applies to candidate⁴ sites as well as those that have already been designated. Any development that is not directly connected with the management of any European sites, but likely to have a significant effect on them, will require a Habitats Regulations Assessment to be carried out at the planning application stage to ensure that any such effects can be mitigated.
- 5.49. Where a site hosts a priority habitat or species, and there is no alternative solution, the only considerations which can justify the grant of planning permission are (a) those which relate to human health, public safety or beneficial consequences of primary importance to the environment or (b) other imperative reasons of overriding public interest agreed by the European Commission⁵

⁴ A candidate site is one which has been put forward for designation but not confirmed.

⁵ Circular 06/2005

- 5.50. The Council is aware that a possible potential Special Protection Area (ppSPA) is under consideration for part of Nottinghamshire which could therefore become a candidate site. If a Special Protection Area is subsequently identified and sent to the European Commission for designation, the Council will assess the implications of this and what action is necessary to deal with any issues raised. In the meantime the Council will adopt a "risk based" approach, as advised by Natural England, and assess any applications in accordance with the requirements of the Birds Directive.
- 5.51. At a national level, the County contains a number of SSSIs designated and protected under the Wildlife and Countryside Act 1981, as amended by the Countryside and Rights of Way Act 2000. Consultation with Natural England will be required for any development likely to affect a SSSI.
- 5.52. Local Sites are designated at a local level and include Local Wildlife Sites (LWSs) and Local Geological Sites (LGSs) and represent sites that are of at least county-level importance for their wildlife or geological interest. Some, but not all, Ancient woodlands are designated as LWSs within Nottinghamshire and are considered to be an irreplaceable habitat. Together, these designated sites form part of the country's irreplaceable natural capital and the Minerals Local Plan will contribute towards their protection and encourage and support opportunities for enhancement.
- 5.53. When determining planning applications, national policy is clear that distinctions should be made between the hierarchy of international, national and locally designated sites, so that protection is commensurate with their status and gives appropriate weight to their importance and the contribution that they make to wider ecological networks.
- 5.54. Other habitats of conservation importance fall outside of these designated sites, and these are identified as Habitats of Principal Importance for Conservation in England, designated under Section 41 of the Natural Environment and Rural Communities Act 2006, and regarded as conservation priorities in the UK Post-2010 Biodiversity Framework. Similarly, many species in Nottinghamshire that do not receive legal protection are identified as Species of Principal Importance for Conservation in England. Both were formerly known as UK Biodiversity Action Plan (UKBAP) priority habitats or species and are also listed in the Nottinghamshire Local Biodiversity Action Plan. They have high nature conservation value, contributing to the county's biodiversity and its ecological networks.
- 5.55. The National Planning Policy Framework (NPPF) also sets out the so-called mitigation hierarchy, which requires for significant harm from development to be

avoided, adequately mitigated, or, as a last resort, compensated for, stating that if this cannot be achieved, then planning permission should be refused.

- 5.56. Where compensation is required, this should ensure that there is no net loss of habitat, provide like for like replacements of habitat (recognising that newly created habitats may take many years to reach the quality and diversity of established habitats) and make up for any lost connections between habitats. Where significant impacts on species are predicted, compensation schemes should also provide overall habitat improvements, in terms of quality or area, in comparison to the habitat that is being lost. Use of the DEFRA Biodiversity Metric may be helpful in undertaking assessments to determine the compensatory habitat required.
- 5.57. Biodiversity enhancement should be seen as a cross cutting theme and opportunities to create and improve habitats will be supported in accordance with local and national biodiversity targets. The prevention of fragmentation of existing habitats is key to allow species to respond to the impacts of climate change by making provision for habitat adaptation and species mitigation. Where minerals development adversely affects biodiversity interest, negative impacts should be minimised and mitigation to address these impacts should be provided.
- 5.58. A number of species are protected by law, principally the Wildlife and Countryside Act 1981 and the Conservation of Habitats and Species Regulations (2010), whilst efforts to support improvements in the population of targeted species are reflected through the Nottinghamshire Local Biodiversity Action Plan.
- 5.59. Biodiversity Opportunity Mapping has been completed for a large part of Nottinghamshire, including the Trent Valley. The study should be used to help inform proposals for mineral workings and restoration.
- 5.60. In order to assess biodiversity impacts fully, applicants are likely to be required to carry out up-to-date ecological surveys as part of their application.

DM5: Landscape Character

Introduction

- 5.61. People value the countryside and its landscape for many different reasons, not all of them related to traditional concepts of aesthetics and beauty. It can provide habitats for wildlife and evidence of how people have lived on the land and harnessed its resources. Landscape has a social and community value, as an important part of people's day-to-day lives. It has an economic value, providing the context for economic activity and often being a central factor in attracting business and tourism.

Policy DM5: Landscape Character

1. Proposals for minerals development will be supported where it can be demonstrated that it will not adversely impact on the character and distinctiveness of the landscape.
2. Development that would have an unacceptable impact on the landscape interest will only be permitted where there is no available alternative, the need for development outweighs the landscape interest and adequate mitigation can be provided;
3. Landscaping, planting and restoration proposals should take account of the relevant landscape character policy area as set out in the Landscape Character Assessments covering Nottinghamshire.

Justification

- 5.62. National Planning Guidance states that valued landscapes should be protected and enhanced and requires Local Plans to include criteria based policies against which proposals for any development on or affecting landscape areas will be judged.
- 5.63. Landscapes form an important part of the character of Nottinghamshire and have been created from a complex mix of natural and man-made influences such as geology, soil, climate and land use. This has given rise to a variety of landscapes that continue to evolve over time. All landscapes hold value and some have more potential to be improved and restored than others.
- 5.64. Many activities have the potential to change the landscape and in the case of mineral extraction, this can be significant. Mineral workings can destroy landscape character, but their restoration can also help to improve landscapes, especially those which may be of a lower quality. Priority will be given to minerals developments that provide long term enhancements to landscape character.

- 5.65. In order to manage changes to landscape character, three Landscape Character Assessments (LCA) were published in 2009 (Bassetlaw, Newark and Sherwood and Greater Nottingham including Ashfield and Mansfield), these cover the whole of the County and draw on the National Character Areas. Within Nottinghamshire 11 local character areas have been identified and each Landscape Character Area has a unique combination of elements and features that make them distinctive:
- Derbyshire and Nottinghamshire Coalfields (DC);
 - East Nottinghamshire Sandlands (ES);
 - Idle Lowland (IL);
 - Leicestershire and Nottinghamshire Wolds (LW);
 - Magnesian Limestone (ML);
 - Mid Nottinghamshire Farmland (MN);
 - Sherwood (SH);
 - South Nottinghamshire Farmlands (SN)
 - Trent Valley (TV);
 - Trent Washlands (TW);Vale of Belvoir (VB).
- 5.66. The Trent Washlands in particular is identified under pressure from minerals development.
- 5.67. The LCAs identify specific features of the different Landscape Character Areas and this information can then be used to give special protection to the feature or to identify suitable mitigation measures when loss is unavoidable. It is also valuable in the design of restoration schemes.
- 5.68. An Areas of Multiple Environmental Sensitivity Study has been carried out for parts of Nottinghamshire in areas around the River Trent to help inform site allocations, future proposals for mineral workings and restoration schemes. A similar study has also been carried out in Derbyshire (Areas of Multiple Environmental Sensitivity) to inform their future Minerals Local Plan.
- 5.69. To ensure that new minerals development considers existing landscapes and visual impact, a local landscape and visual impact assessment will be required for all proposals to identify potential impacts on the surrounding areas. All landscape proposals for the restoration of minerals sites, such as earthworks, after-use and planting, should reflect the landscape type and character area.

DM6: Historic Environment

Introduction

- 5.70. Nottinghamshire has a rich history and this can be seen in the wide range of historic buildings, settlements, landscapes, parks, gardens and monuments as well as archaeological sites and features that contribute to the local identity and sense of character. It is important to protect, conserve and enhance the historic environment of the County, the enjoyment of which contributes to the quality of life of present and future generations.

Policy DM6: Historic Environment

1. Proposals for minerals development will be supported where it can be demonstrated that there will not be any harm to the significance of a designated, or non-designated heritage asset of archaeological interest equivalent to a scheduled monument, and/or its setting.
2. Proposals likely to cause harm to a designated or non-designated heritage asset, as above, will only be permitted where it can be demonstrated that there are public benefits which outweigh the level of harm or loss, relative to the importance of the heritage asset affected.
3. Proposals that would directly or indirectly affect non-designated heritage assets will be assessed according to the scale of any harm or loss and the significance of the heritage asset.
4. Proposals for minerals development on a site of archaeological importance must ensure that satisfactory mitigation measures are incorporated, including the preservation in situ or the excavation and recording of any affected archaeological remains.
5. Where relevant, the enhancement of the historic environment, including individual heritage assets or historic landscapes, will be encouraged.
6. No development shall take place within the archaeological resource area at South Muskham.

Justification

- 5.71. Since minerals can only be worked where they exist, their development can lead to a conflict between the provision of essential mineral resources and the protection of heritage assets for the benefit of future generations.
- 5.72. National policy states that the most important heritage assets should be conserved, and that balancing the need for development against potential harm to heritage assets needs to be fully justified. The Council has a duty to protect,

conserve and enhance the significance, character and appearance of the area's historic environment when carrying out its statutory functions and through the planning system.

- 5.73. National policy recognises the importance of minimising the impacts on designated and non-designated heritage assets and their settings and requires a distinction to be made between the relative significance of the heritage assets. The NPPF states that, when considering the impact of a proposed development on the significance of a designated heritage asset, 'great weight should be given to the asset's conservation. The more important the asset, the greater the weight should be.' It states that substantial harm or loss of designated heritage assets of the highest significance should be wholly exceptional. Where a proposed development will lead to substantial harm to or total loss of significance of a designated heritage asset, the NPPF states that Local Planning Authorities should refuse consent, unless it can be demonstrated that the substantial harm or loss is necessary to achieve substantial public benefits that outweigh that harm or loss.
- 5.74. The historic environment of Nottinghamshire is vast and ranges from major historic and nationally important buildings and grounds to the many thousands of archaeological sites that lie buried underground. The historic environment, by its very nature, is an irreplaceable resource.
- 5.75. Nottinghamshire contains thousands of archaeological sites and historic features including national designations (including Listed Buildings, Scheduled Monuments, Registered Historic Parks and Gardens and Battlefields), local designations (including Conservation Areas and locally listed buildings and parks), and undesignated assets such as other historic buildings and known or unknown buried archaeology. One site, Creswell Crags, is currently on the UNESCO tentative list for Inscription as a World Heritage Site.
- 5.76. It is therefore important to conserve and enhance these assets in a manner appropriate to their significance.

Archaeology

- 5.77. The need for preservation in situ of other sites and remains will need to be assessed against their importance and the impact that their loss would have upon the overall archaeological resource in Nottinghamshire. Although the preservation of archaeological sites is a primary objective, it is clearly impracticable to preserve them all. Equally sites should not be destroyed without careful consideration and appropriate mitigation.
- 5.78. Where preservation in-situ is not feasible, sites need to be surveyed, excavated or otherwise appropriately recorded. These provisions can only be assessed after the archaeological characteristics of proposed development sites have been

evaluated. An appropriate scheme of treatment is required to be agreed with the County Council prior to any development taking place.

- 5.79. A research project looking at aggregate resources in Nottinghamshire and the archaeological remains they contain revealed that discoveries within mineral workings have yielded a wealth of new information about the Iron Age and Roman periods in the Trent and Idle Valleys⁶. The report also highlights the fact that other areas outside the Trent and Idle Valleys are currently poorly understood in archaeological terms due to the lack of archaeological investigation. However, the ability to investigate unknown archaeology is not in itself a reason to justify mineral extraction.

Archaeological resource area at South Muskham

- 5.80. South Muskham parish contains one of the densest areas of known archaeological remains in the Trent Valley, reflecting a long history of settlement and landscape development. Whilst this area is of major regional and local archaeological importance it is not fully understood. A field walking programme has been undertaken but further studies are still required to ascertain the effect of losing individual sites or features in this area. As such there will be a presumption against mineral extraction within the South Muskham area for the duration of the Plan period. (See appendix 3 - inset 12).

Other Heritage Assets

- 5.81. Nottinghamshire's Historic Environment Record holds information on a large number of Listed Buildings and Conservation Areas and sites of local interest. Nottinghamshire also has a number of parks which are listed on the 'Register of Historic Park and Gardens of Special Historic Interest in England' produced by Historic England and others that are of local interest. A Registered Battlefield is also identified within Nottinghamshire (Stoke Field) which is acknowledged as an important English battlefield. Some Nottinghamshire District/Borough Local Planning Authorities have adopted criteria for the identification of 'non-designated heritage assets' and have produced, or are producing, a local list of these.
- 5.82. The potential direct or indirect impacts on the historic environment from minerals development may constitute harm. This should be avoided, however where public benefits related to the minerals development have been identified and justified, the use of careful design, buffer zones, considered restoration schemes and other mitigation may make it possible to accommodate mineral developments in the vicinity of designated heritage assets.
- 5.83. The role of Policy DM6 is to ensure that the historic environment is afforded the appropriate level of conservation and enhancement in conformity with national

⁶ 'Aggregates and Archaeology in Nottinghamshire' David Knight and Ursilla Spence

policy. As part of the process of preparing planning applications for new development, assessments should be carried out to describe and assess the significance of heritage assets (including significance derived from setting). This should be used by developers to inform the development proposals and, where necessary, including the preparation of a mitigation strategy for proposed minerals development to avoid or mitigate against any impacts.

- 5.84. In cases where it is necessary for an applicant to submit a Heritage Statement and/or Archaeological Evaluation, the scope and degree of detail necessary will vary according to the particular circumstances of each application. The level of detail required should be proportionate to the importance of the heritage asset, the size of the development and the level of its impact on the heritage asset including its setting.
- 5.85. As a minimum, the Nottinghamshire Historic Environment Records (HER) should be consulted. Other local heritage strategies and assessments have been prepared for some areas of the County and these should also be consulted, where appropriate. Where an application site includes, or is considered to have the potential to include, heritage assets with archaeological interest, the Council will require developers to submit an appropriate desk-based assessment and, where desk-based research is insufficient to properly assess the interest, a field evaluation. It is strongly advised that Heritage Statements and Archaeological Evaluations are compiled by a professional consultant or contractor so as to ensure that an appropriate statement is submitted. Applicants are advised to discuss proposals with the Council prior to submitting an application.

DM7: Public Access

Introduction

- 5.86. Nottinghamshire is a largely rural County and has nearly 2,700km of routes providing access into the countryside for walking, cycling and horse riding. The Rights of Way network also provides vital links between towns and villages and is increasingly being used as a route to school, work and shops.
- 5.87. The size and location of minerals development can have significant direct or indirect impacts on the rights of way network and its users. However, it can also provide opportunities to improve and extend existing infrastructure and enable the wider enjoyment of the countryside.

Policy DM7: Public Access

1. Proposals for minerals development will be supported where it can be demonstrated this will not have an unacceptable impact on the existing rights of way network and its users.
2. Where this is not practicable, satisfactory proposals for temporary or permanent diversions, which are of at least an equivalent interest or quality, must be provided.
3. Improvements and enhancements to the rights of way network will be sought and, where possible, public access to restored minerals workings will be increased.

Justification

- 5.88. National policy states that policies should protect and enhance public rights of way and access. Opportunities to provide better facilities for users, such as adding links to the existing rights of way, should be sought. Where appropriate, manned crossing points will be required to ensure that the existing rights of way network is not compromised during development. Proposals for new rights of way will need to consider how they can best link into the existing rights of way network. All proposals for new or improved rights of way will also need to consider the needs of people with mobility problems and other disabilities and comply with the requirements of the Equality Act 2010.
- 5.89. There are parts of Nottinghamshire that suffer from a poor-quality environment and where there is a lack of accessible green space. Therefore, efforts to improve public rights of way and access within mineral developments should be targeted to help address deficiencies as well as providing infrastructure.

- 5.90. Reference should be made to the Nottinghamshire County Council Rights of Way Improvement Plan and advice sought from the County Council's rights of way officers regarding temporary or permanent diversions and the opportunities for future improvements in the area.
- 5.91. Consultation with the County Council on any public right of way affected by a proposed minerals development should take place at the earliest possible stage. The statutory process for footpath diversion or closure is separate from the planning process and as such delays or failures to secure any required amendments to the rights of way network could affect the implementation of future minerals development.
- 5.92. Enhancements to the rights of way network will be secured through legal agreements rather than planning conditions to ensure that the enhanced rights of way are available in perpetuity. Similarly, permissive paths will not be considered for temporary or permanent diversions to an existing definitive right of way.

DM8: Cumulative Impact

Introduction

- 5.93. In some areas of Nottinghamshire, the extent of the mineral working may result in a large number of previously worked sites and further applications for extraction. The impacts, both real and perceived, of a concentration of workings close to a community or communities can impact on local amenity, quality of life and the wider environment and landscape character.

Policy DM8: Cumulative Impact

Proposals for minerals development will be supported where it can be demonstrated that there are no unacceptable cumulative impacts on the environment or on the amenity of a local community.

Justification

- 5.94. National policy emphasises the need for cumulative impacts from multiple impacts from individual site and/or a number of sites in a locality to be taken into account.
- 5.95. Proposals for the simultaneous and/or successive working of a number of sites in a wider area of commercially-viable deposits may affect communities and localities over an extended period, depending on the nature, age and size of the site(s).
- 5.96. The capacity of a local area to accommodate minerals development depends upon the proximity of existing development, the type and duration of operations proposed, the phasing of working and the proposed restoration and after-use of the site.
- 5.97. A stage may be reached whereby it is the cumulative rather than the individual impact of a proposal that renders it environmentally unacceptable. Depending on local circumstances, there may also be a need to consider whether there are likely to be cumulative impacts resulting from proposed minerals development in combination with other existing or proposed non-mineral related development.
- 5.98. The plan therefore seeks to ensure that the impacts of a mineral proposal are considered in conjunction with the impacts of all existing development and that cumulative impact on the environment of an area, or on the amenity of a local community, are fully addressed.

DM9: Highways Safety and Vehicle Movements/ Routeing

Introduction

- 5.99. All new development proposals need to consider the needs of all road users. Safety and vehicular movements are key issues which must be addressed. The needs of pedestrians, cyclists and people with disabilities must be at the forefront of any considerations.

Policy DM9: Highways Safety and Vehicle Movements / Routeing

Proposals for minerals development will be supported where it can be demonstrated that:

- a) The highway network including any necessary improvements can satisfactorily and safely accommodate the vehicle movements, including peaks in vehicle movements, likely to be generated;
- b) The vehicle movements likely to be generated would not cause an unacceptable impact on the environment and/or disturbance to local amenity;
- c) Where appropriate, adequate vehicle routeing schemes have been put in place to minimise the impact of traffic on local communities;
- d) Measures have been put in place to prevent material such as mud contaminating public highways.

Justification

- 5.100. The vast majority of minerals are transported from quarries to the market via the existing road network due to the flexibility and relatively short distance most minerals are transported. This can cause a significant increase in the level of HGV traffic on the local and wider road networks. It is important that the impact of this traffic is minimised. This can be done through a number of different measures and can include:

- strategic signage for lorry movements;
- sheeting of lorries;
- installation of wheel cleaning facilities;
- highway improvements;
- hours of working / opening;
- traffic regulation orders;
- noise attenuation of reversing beepers, plant and equipment;
- private haul roads;
- road safety improvements;
- traffic management arrangements, including off peak movements and limiting total vehicle movements.

- 5.101. Highways England is responsible for the trunk road network which, in Nottinghamshire, includes the M1, A1, A46, A52 and the A453. They provide policy advice on other transport issues concerning their function, including the consideration of planning applications.
- 5.102. Nottinghamshire County Council is the Local Highway Authority and is responsible for the implementation of the Nottinghamshire Local Transport Plan. The County Council, as the Local Highway Authority, will require proposals to be accompanied by a Transport Assessment (TA) or Transport Statement (TS). In certain circumstances a Travel Plan may also need to be submitted. As such, planning applications must accord with current standards and other local guidance. In most instances, applicants will be required to attend a pre-application meeting to discuss the transport issues with officers from the Council.
- 5.103. Where a specific highways impact from the development is identified that requires mitigation, the Council will seek developer contributions to enable the necessary works to be completed.
- 5.104. Lorry routeing can be a major consideration in assessing the acceptability of a mineral development proposal. Whilst a reasonable route may exist, which the mineral operator may well be willing to use, it may be necessary to control routeing through planning conditions or in most instances through legally binding agreements (known as planning obligations or Section 106 Agreements – see DM11 for more information) between the applicant and the Council.

DM10: Airfield Safeguarding

Introduction

- 5.105. Mineral extraction sites that are restored to open water can increase the risk of bird-strike to aircraft if they are located near airfields. Although bird strike is considered to be the main risk to aviation safety from minerals development, the risk of flicker, shadow, glare and the height of any tall buildings or structures may also need to be considered. To help resolve potential conflicts, Airfield Safeguarding Areas (13km/ 8 mile radius) are designated around airports and civil and military airfields. Within these safeguarding zones, consultation with owners or operators of relevant airfields will be required in order to consider potential bird strike or other hazards.

Policy DM10: Airfield Safeguarding

Proposals for minerals development within the following Airfield Safeguarding Areas will be supported where the applicant can demonstrate that the proposed extraction, restoration and after use will not result in any unacceptable adverse impacts on aviation safety:

- a) East Midlands Airport;
- b) Gamston (Retford) Airport;
- c) Netherthorpe Airfield;
- d) Nottingham City Airport;
- e) Robin Hood Airport Doncaster Sheffield;
- f) RAF Scampton MoD Aerodrome;
- g) RAF Syerston MoD Aerodrome;
- h) RAF Waddington MoD Aerodrome.

Any new airfield safeguarding area notified to the Council during the Plan period will also be safeguarded.

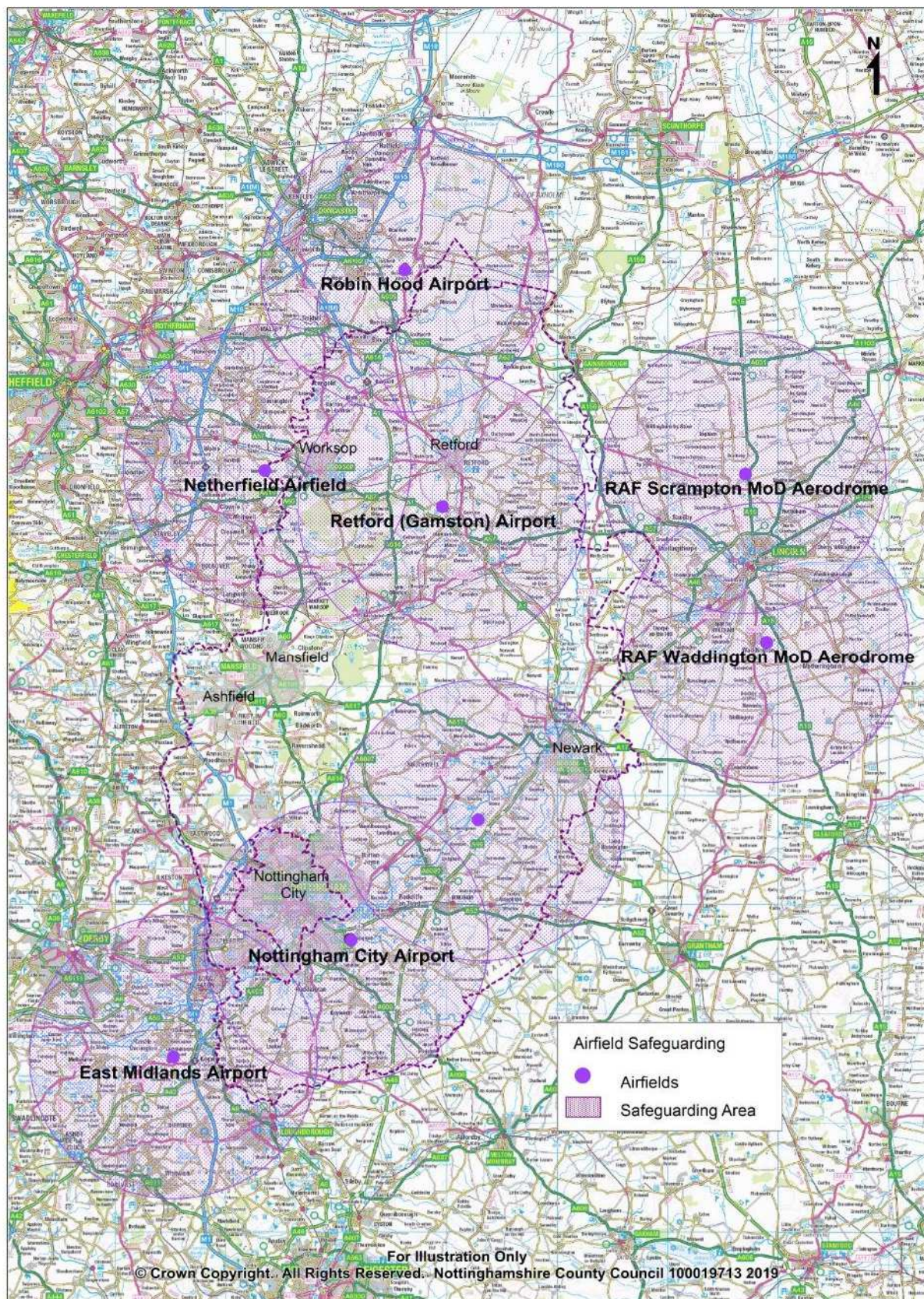
Justification

- 5.106. The purpose of airfield safeguarding is to ensure that the operation and development of civil and military airfields is not inhibited by development that could pose a hazard to aircraft or radar operation. National policy requires mineral working, restoration and after-use proposals to take account of aviation safety. The planning process therefore has an important role in preventing any unacceptable adverse impacts on aviation safety arising from minerals development.
- 5.107. The restoration of minerals sites to open water may lead to the creation of areas that attract roosting or loafing birds such as gulls and geese, especially when large areas of water greater than 200m across are created. This is potentially

dangerous in the vicinity of airports or airfields where any increase in the number of birds can increase the overall risk of birdstrike to aircraft. However, it is possible to have water-based restoration without constituting an unacceptable risk to aviation safety through measures such as the creation of reed beds or fragmented ponds, instead of open water, which generally do not attract the flocking birds that present a bird strike hazard.

- 5.108. It is important to note that this policy applies to all types of mineral site restoration as risks to aviation safety are not solely associated with water-based habitats. For example, some bird species associated with bird strike can also be found on agricultural land.
- 5.109. Other hazards to aviation, although less common in association with minerals development, include tall buildings or structures such as chimneys, masts and pylons. Wind turbines can also cause problems due to the flicker effect of the rotating blades. Reflective surfaces such as solar panels also need to be carefully sited and angled to avoid glare.
- 5.110. This policy does not preclude any specific forms of restoration or after-use but seeks to ensure that aviation safety is fully considered and addressed through appropriate consultation, avoidance and mitigation. Advice Notes on the safeguarding of aerodromes have been produced by the Airport Operators' Association and General Aviation Awareness Council.
- 5.111. There are eight licenced safeguarded airfield areas affecting Nottinghamshire and these are identified on Plan 5. Other, non-licenced, aerodromes may be safeguarded by privately agreed consultation with the Local Planning Authority. This is called 'unofficial' safeguarding and is not obligatory under Statutory Direction. However, the County Council acknowledges the Governments advice that 'aerodrome owners should take steps to safeguard their operations' and as such Policy DM10 will also apply to these 'unofficial' safeguarded areas as recorded by Local Planning Authorities.

Plan 6: Airfield safeguarding



DM11: Planning Obligations

Introduction

- 5.112. To achieve sustainable development, additional planning requirements may be required to make a proposed development acceptable. The coordinated delivery of adequately funded infrastructure at the right time and in the right place is key to ensuring that local services, facilities and the transport network can cope with any added demand that arises from new minerals development.

Policy DM11: Planning Obligations

The County Council will seek to negotiate planning obligations as measures for controlling mineral operations and to secure sustainable development objectives which cannot be achieved by the use of planning conditions.

Justification

- 5.113. Planning obligations (also known as Section 106 agreement) are private agreements made between local authorities, developers and landowners which can be attached to a planning permission to make acceptable development which would otherwise be unacceptable in planning terms. The obligations set out in Section 106 agreements apply to the person or organisation that entered into the agreement, and any subsequent owner of the land to which the planning permission relates. This is something that any future owners will need to take in to account.
- 5.114. The National Planning Policy Framework provides Government guidance on the use of planning obligations. It contains three tests that planning obligations must meet:
- Necessary to make the proposed development acceptable in planning terms;
 - Directly related to the proposed development;
 - Fairly and reasonably related in scale and kind to the proposed development.
- 5.115. Circumstances where planning obligations may be sought include:
- Provision of off-site works such as highway improvements, landscape treatment and planting;
 - Facilitating the preservation by record of archaeological remains;
 - Contributing towards the delivery of the Nottinghamshire Local Biodiversity Action Plan targets (relevant to the site);
 - Providing long-term site management (where third parties are involved);
 - Flood risk management schemes.

- 5.116. The nature and scale of obligation requirements from a development will reflect:
- The nature and impact the development has upon strategic, local and on-site needs and requirements;
 - Current infrastructure and whether the development can be accommodated by the existing provision;
 - How the potential impacts of a development can be mitigated;
 - Viability. In considering issues of viability the Council will have regard to the quality and value of a scheme in the context of how the development contributed towards the vision, objectives and policies for the area.
- 5.117. Whether obligations will be 'in kind' (where the developer builds or directly provides the infrastructure), by means of financial payments or a combination of both will depend on the nature and circumstances of the infrastructure requirement. The National Planning Policy Framework sets out that development identified in the Local Plan should not be subject to such a scale of obligations and policy burdens that their ability to be developed viably is threatened. It emphasises that developers and landowners should receive a competitive return to enable the development to be delivered.
- 5.118. Planning obligations can be used to address the unacceptable impacts of minerals developments but cannot be used to provide more general unrelated community benefits. As such Nottinghamshire County Council would encourage negotiated agreements between relevant minerals operators and a community as a source of funding for local benefits. These benefit packages would comprise bilateral arrangements between the main parties. Agreements would be between operators and local bodies such as Parish Councils or residents associations. The County Council cannot be party to such agreements because planning decisions must be impartial and made on planning grounds alone.

DM12: Restoration, aftercare and after-use

Introduction

- 5.119. It is essential that mineral extraction and restoration are properly designed at the planning application stage to ensure that both are technically and economically feasible, environmentally acceptable and that the impacts can be fully assessed.
- 5.120. Note: This policy should be considered along-side Policy SP2: Biodiversity-Led Restoration.

Policy DM12: Restoration, aftercare and after-use

1. Proposals for minerals development must include an appropriate scheme for the restoration, after care and long term after use to enable long term enhancement of the environment.

Restoration

2. Restoration of minerals development should be in keeping with the character and setting of the local area and should contribute to the delivery of local objectives for habitats, biodiversity, landscape, historic environment or community use where appropriate.
3. As a minimum, restoration plans should include:
 - a) An overall concept plan with sufficient detail to demonstrate that the scheme is feasible in both technical and economic terms and is consistent with the County Council's biodiversity-led restoration strategy; and
 - b) Illustrative details of contouring, landscaping, phasing and any other relevant information as appropriate.
4. Mineral extraction proposals which rely on the importation of waste for restoration must:
 - a) Include satisfactory evidence that the waste will be available over an appropriate timescale in the types and quantities assumed;
 - b) Provide the optimum restoration solution; and
 - c) Provide evidence that it is not practical to re-use or recycle the waste

Aftercare

5. Restoration proposals will be subject to a minimum five year period of aftercare. Where proposals or elements of proposals, such as features of biodiversity interest, require a longer period of management the proposal will only be permitted if it includes details of the period of extended aftercare and how this will be achieved.

After-use

6. Where proposals for the after use includes habitat creation, applicants will be required to demonstrate how the proposals contribute to the delivery of Local Biodiversity Action Plan targets and have regard to the biodiversity-led restoration approach and the opportunities identified in the National Character Area profile.
7. All proposals will be required to make provision for the retention or replacement of soils, as appropriate, and for any necessary drainage, access, hedges and fences.
8. The after-use will be required to have regard to the wider context of the site, in terms of the character of the surrounding landscape and historic environment and existing land uses in the area.
9. Where opportunities arise, after-use proposals should provide benefits to the local and wider community.

Justification

- 5.121. National policy requires local planning authorities to ensure that worked land is reclaimed at the earliest opportunity and that high-quality restoration and aftercare takes place.
- 5.122. Although mineral working is a temporary land use, worked sites which are not appropriately restored can result in permanent adverse impacts on the environment. It is essential that the detailed restoration proposals for minerals development are properly considered at the application stage to minimise impacts and ensure long term benefits are secured.
- 5.123. The overall restoration proposal also establishes the long-term potential of the land for a wide range of after-uses that can benefit the local and/or wider community, including employment, conservation, recreation, forestry and agricultural uses as well as improved public access for all users. The phasing of operations to achieve restoration at the earliest opportunity is an important factor influencing the acceptability of minerals extraction to local residents.

- 5.124. Achieving high quality restoration must be integral to any proposals for minerals development. At the national level, Natural England has published a series of National Character Area profiles which suggest where action can be best targeted to conserve and improve the natural environment.
- 5.125. The 'Bigger and Better' document prepared by the RSPB in partnership with other environmental organisations, promotes a strategic, landscape scale approach to biodiversity-led minerals restoration which will help to establish a coherent and resilient network of wetlands across the whole of the Trent and Tame River Valleys. In addition, a more detailed concept plan has been developed for the section of the Trent Valley between Newark and South Clifton which is intended to complement the existing positive approach towards future mineral sites restoration in this area.
- 5.126. The Council's biodiversity-led restoration approach is based on the biodiversity opportunities in Nottinghamshire which assist in maximising the potential value of minerals restoration by carefully planning which habitats can be created, and where. The restoration process will be required to ensure that the priority habitats identified in the Nottinghamshire Local Biodiversity Action Plan are created or enhanced, where appropriate.
- 5.127. Most mineral workings are on agricultural land. In general where the best and most versatile land is taken for mineral extraction, it is important that the potential for land to be returned to an after-use which maintains the quality of the land and soil is maintained through an appropriate landform and or soil profiles.
- 5.128. The Landscape Character Assessments covering Nottinghamshire identify specific features of the different Landscape Character Areas within the County. This information can then be used to assist in the designing of restoration schemes.
- 5.129. Proposals for minerals development should be accompanied by a restoration scheme that provides comprehensive details of the order and timing of phases of mineral working, restoration and of the final main after uses. Where possible the proposed scheme should incorporate some element of flexibility to take account of changing circumstances during the life of the development and beyond. It should aim to integrate and facilitate the delivery of any relevant mitigation measures, as identified in assessments undertaken to support the planning application. It is strongly advised that these matters are discussed with the Mineral Planning Authority at the pre-application stage, and where possible involve input from relevant key stakeholders to resolve any potential conflicts of interest.
- 5.130. Soils must be adequately protected and maintained throughout the life of the development, particularly if a site comprises land that qualifies as best and most versatile agricultural land (see Policy DM3: Agricultural land and soil quality).

Where necessary, proposals for minerals development should be supported by a site specific Land Classification Survey, undertaken by an independent expert to determine the grading and agricultural value of the proposed site. The survey should incorporate a report/statement of physical characteristics, providing detailed information about the soils, subsoils and overburden within the boundaries of the site. Where the proposed after use is to be one which requires little or no soil, e.g. a lake or a nature reserve requiring impoverished soil resources, it would be better for soils to be removed from site and used beneficially elsewhere.

- 5.131. In some cases, materials (such as inert waste) will need to be imported to ensure that the site can be restored and returned to a beneficial after-use. Phased restoration of a site may require an adequate and timely supply of suitable material in order to ensure that the development can proceed on schedule. However, inert fill material may not necessarily be available in the required quantities and timescales, as the introduction and application of Landfill Tax has reduced the amount of inert material available. In addition, Government encourages the recycling and use of construction and demolition waste as an alternative to primary aggregates. Developers will be required to demonstrate that materials to be imported for restoration purposes are both suitable (based on the advice of the Environment Agency) and are available in sufficient quantity and when needed to achieve the proposed restoration scheme.
- 5.132. It should be noted that whilst a mineral extraction activity in one location may be appropriate, if the restoration/infill scheme intends to use waste material, then this activity may not be appropriate in that location, for example if there are amenity issues for nearby residents. Where waste material is to be imported, an Environmental Permit from the Environment Agency will be required. Where restoration involves the use of extractive waste (i.e. waste produced through the mineral extraction process, not imported) then the operator may be required to apply for a Mining Waste Environmental Permit from the Environment Agency.
- 5.133. Minerals development will be expected to contribute, where appropriate, to the green infrastructure (strategic networks of well-planned, multi-functional spaces) of Nottinghamshire, particularly through the restoration and after-use of minerals development sites.
- 5.134. After the mineral has been extracted and the stripped soils returned, the aftercare period is the time when the site is prepared for the agreed after-use. Aftercare can include the processes of cultivating, fertilising, planting, draining and otherwise treating the land. The minerals operator is normally still responsible for the site at this time. An appropriate period of aftercare is needed to ensure mineral sites are restored to a standard suitable for their intended after-use.

- 5.135. Different after-uses may require different periods of aftercare. The statutory aftercare period is 5 years or such other maximum period as may be prescribed and some uses such as nature conservation may benefit from an aftercare period of up to 20 years or more, whilst agriculture may only need a 5 year aftercare period. Where possible and where appropriate, voluntary extended aftercare periods will be negotiated for those uses that would benefit from such longer periods and will be secured by condition.
- 5.136. It is important that management responsibilities are identified and agreed between the developer and those taking on the aftercare of the site to ensure that the proposed after-use can and will be delivered. Developers will be encouraged to enter into planning agreements to ensure that the appropriate aftercare provisions remain in effect for the required aftercare period.
- 5.137. All restoration proposals should take into account the relevant District/Borough Local Plans and where appropriate contribute to the delivery of those Plans. Minerals developers will also be encouraged to involve local communities and parish councils when considering options for restoration and aftercare.

DM13: Incidental Mineral Extraction

Introduction

- 5.138. In principle, recovering minerals as an incidental element of another development proposal promotes sustainable development by helping to conserve mineral resources that might otherwise be lost.

Policy DM13: Incidental Mineral Extraction

1. Planning applications for the extraction of minerals as a necessary element of other development proposals on the same site will be supported where it can be demonstrated that the scale and duration of the mineral extraction does not result in adverse environmental impacts and that it brings environmental and other benefits to the development it is incidental to.
2. Where planning permission is granted, conditions will be imposed to ensure that the site can be adequately restored to a satisfactory after-use should the main development be delayed or not implemented.

Justification

- 5.139. District/Borough Councils within Nottinghamshire should advise the County Council on proposals, such as ornamental lakes and major built development, which involve the excavation and removal of significant quantities of soils, overburden and mineral. Failure to do so may result in planning permission being granted without taking into account potential mineral planning issues. Developers submitting proposals to District/Borough Councils are likewise encouraged to consult the County Council at the pre-application stage where they expect incidental mineral extraction to be necessary.
- 5.140. In many cases the planning application for the main development may be determined by the District/Borough Council, and, except where quantities are very small, the mineral extraction may need to take the form of a separate planning application to be determined by the County Council. In these cases, in order to ensure that both proposals are compatible, it is important to consider both planning applications at the same time. Interim reclamation proposals must be included to ensure that the primary development proposals are not delayed, or fail to be implemented.
- 5.141. Incidental mineral extraction is not precisely defined in terms of quantity of mineral worked or duration. It does not, however, apply to mineral development simply because it is small scale or short term. If mineral extraction is a significant reason for justifying or promoting the development, the proposal will need to be assessed against the relevant policies applicable to the mineral being worked.

DM14: Irrigation Lagoons

Introduction

- 5.142. Proposals to construct irrigation lagoons within agricultural land can involve the extraction of minerals to create the lagoon. The mineral is usually taken offsite for processing at a nearby quarry. Providing there is evidence of genuine agricultural benefits then the mineral extraction can normally be regarded as incidental.

Policy DM14: Irrigation Lagoons

Proposals for mineral extraction to create or extend irrigation lagoons will be supported where:

- a) There is satisfactory evidence that they will provide significant benefits to agricultural productivity;
- b) They can be worked without any unacceptable environmental impacts;
- c) The irrigation lagoon is landscaped and treated to maximise its potential for enhancing the landscape character and/or biodiversity.
- d) The irrigation lagoon is of a scale or degree that does not impact on the development of permitted or allocated mineral extraction sites.

Justification

- 5.143. The development of irrigation lagoons is often classed as 'permitted development' and would not require planning permission unless the mineral is taken off-site.
- 5.144. Sand and gravel deposits are technically very suited for this purpose because of the normally high water table level and relatively rapid recharge after the water is abstracted for irrigation. The cost of creating the lagoon is also likely to be offset by the value of the mineral. The main planning issues will generally comprise traffic during construction, the impact on archaeological sites, and the long term landscape impact of the lagoon. Wildlife impact is less likely to be an issue, as these lagoons tend to be sited within arable fields.
- 5.145. Whilst the purpose of these lagoons is to provide irrigation, it is important that they are shaped and landscaped to blend in with and, where possible, enhance the landscape character of the area, including biodiversity. The standard rectangular reservoir should be avoided, as this will generally detract from the area.
- 5.146. It should be noted that irrigation lagoons will usually require a water abstraction licence from the Environment Agency. In certain parts of Nottinghamshire, particularly in the River Idle and River Torne catchment areas, no new water abstraction is allowed. Whether abstraction is allowed in the proposed area (and

similarly whether the applicant has started to pursue the securing of a licence) could be an indication of a genuine agricultural purpose for the lagoon and thus could be used as evidence referred to in part a) of the policy.

DM15: Borrow Pits

Introduction

- 5.147. The term 'borrow pit' is applied to a temporary mineral working supplying material for use solely in a specific construction project, particularly roads.
- 5.148. Borrow pits are typically located next to the construction site, and in the ideal situation are soon backfilled with waste materials, such as soft clay, that often have to be removed from the construction area – hence the material excavated is 'borrowed'. Normally, large quantities of material, mainly bulk fill, are required over a short time.

Policy DM15: Borrow Pits

Proposals for borrow pits will be supported where:

- a) They are adjacent to or close to the project/s they are intended to serve;
- b) They are time limited to the life of the project and material is to be used only for the specified project;
- c) They can be worked and reclaimed without any unacceptable environmental impacts;
- d) There are overriding environmental or other benefits compared to obtaining materials from alternative sources;
- e) Proposals provide for appropriate restoration measures which include full use of surplus spoil from the project.

Justification

- 5.149. With the exception of small borrow pits developed within the boundary of the construction sites including highways and railways, planning permission is required. Proposals for borrow pits will be treated in the same way as any other mineral extraction scheme. This means that borrow pits must be justified in terms of being the most suitable source of material to meet demand, and that appropriate environmental safeguards covering both working and restoration are included.
- 5.150. Advance planning is essential to ensure that the borrow pit can be developed within the timescales required. For example, if archaeological remains are present these may require a full and lengthy investigation before any mineral can be extracted. Submitting proposals after contracts are let is unlikely to allow sufficient time to resolve such complications. Urgency of need cannot be an overriding factor in the treatment of archaeological remains and other similar environmental factors.
- 5.151. It is important to ensure that borrow pits only supply the construction project intended. Therefore in granting planning permission for borrow pits, the County

Council will take appropriate measures to control access and routeing, and permission will be time limited to the life of the construction project.

- 5.152. In considering 'need', the quantities and specifications of materials required for the construction project will be assessed in the context of the level and location of existing permitted reserves. Minerals won from borrow pits contribute to the County's aggregate requirements and may help to avoid the use of better quality reserves from established quarries.
- 5.153. In general, it should usually be possible to meet requirements from local established quarries or from waste materials and the use of secondary aggregates. In such circumstances borrow pits can normally only be justified where they offer clear environmental gains over alternative sources of supply.
- 5.154. For example, where borrow pits are adjacent to construction sites the most obvious environmental benefits will be the avoidance of heavy traffic on public highways. There will also be significant economic and energy savings because of the reduced haulage costs.
- 5.155. These short-term gains could be offset if the borrow pit is not properly reclaimed, or it is inappropriately located. For example, a water area adjacent to a major highway may have limited recreational potential because of access problems and/or traffic noise. Where possible infilling with waste material from the construction project will normally be the preferred option.

DM16: Associated Industrial Development

Introduction

- 5.156. The Town and Country Planning (General Permitted Development) (England) Order 2015 allows certain types of ancillary development to be located within minerals workings subject to prior approval from the Minerals Planning Authority. This relates to the installation, maintenance, repair and replacement of plant, machinery or structures that are essential to the minerals operation. Various criteria relating to the height and appearance of buildings and structures and other restrictions may apply. All other industrial development will require planning permission in the normal way.

Policy DM16: Associated Industrial Development

Proposals for associated industrial development on or adjacent to mineral extraction sites will be required to demonstrate that they are clearly related to and linked to the life of the site.

Justification

- 5.157. Associated industrial development broadly comprises industrial processes which largely depend on the mineral worked from the related mine or quarry, such as ready mixed concrete plants associated with sand and gravel quarries.
- 5.158. Proposals for associated industrial development will only be permitted where it can be shown that there are clear overall environmental advantages in a close link between the industrial and extractive operations. Particular regard will be given to environmental and transport implications, and the likely duration of working.
- 5.159. The continued use of such industrial development following exhaustion of the mineral reserve means it will become dependent upon the import of raw materials. This usually involves significant movements of heavy goods vehicles and will therefore normally be resisted.
- 5.160. Any planning permission for associated industrial development will be time limited to expire on the cessation of working from the associated extraction area.

DM17: Mineral Exploration

Introduction

- 5.161. Exploration is essential to prove the existence and extent of all types of mineral resources. Prior to development, it is necessary to ensure that a resource is economically viable and to determine how it can be worked. Mineral exploration is a temporary activity and certain types and scales of development of this nature are classed as 'permitted development' under the General Permitted Development Order (meaning that planning permission is not required). However, where the mineral exploration is not classed as 'permitted' and planning permission is sought, it is important for safeguards to be in place to minimise the environmental, amenity and long-term impacts of the development.

Policy DM17: Mineral Exploration

Proposals for mineral exploration will be permitted, subject to satisfactory environmental, amenity and restoration safeguards.

Justification

- 5.162. There are three main methods of mineral exploration; geophysical surveys, trial pits and boreholes:

Geophysical surveys

- 5.163. Seismic surveys are the most common type of geophysical survey, especially in the exploration of coal and oil. Whilst these surveys can provide useful information about the underlying geological structure, they do not prove the existence of mineral resources.
- 5.164. Most Seismic surveys have little environmental impact. However, noise and vibration can raise concerns when carried out in sensitive areas. This is especially the case when shot hole drilling is used and/or where surveys are carried out over a prolonged period. Particular concerns are the potential impacts on the local historic and natural environment that could occur as a result of survey work. Applicants are encouraged to contact the County Council prior to undertaking surveys.
- 5.165. Most seismic surveys have permitted development rights but there are several exceptions relating to sensitive areas, proximity to buildings, size of the explosive charge and the duration of operations. In these cases, planning permission is required. In any event, operators are encouraged to notify local residents at an

early stage, prior to surveys being carried out to allay concerns and unnecessary fears.

Trial pits and shallow boreholes

- 5.166. Trial pits and shallow boreholes are methods of surface mineral exploration which obtain data on the depth, extent and quality of the mineral, the make-up of overburden and hydrological data. After the information is recorded, the pits are backfilled and reinstated.
- 5.167. As with geophysical surveys, concerns are often raised regarding the impact that digging shallow pits may have on the archaeology, however, these pits can provide an ideal opportunity to evaluate the site's archaeology at an early stage and developers are encouraged to involve archaeologists during this exploration phase.
- 5.168. Due to the short duration of these operations, it is very rare that the Minerals Planning Authority will have to be notified, or planning permission be obtained. However, exceptions to this include operations in close proximity to buildings and operations in environmentally sensitive locations. There are also limits on the intensity of drilling, the use of explosives and the heights of rigs. Operations are encouraged to consult the County Council where there are doubts over the planning situation.

Deep boreholes

- 5.169. In Nottinghamshire deep boreholes, are used mainly in the exploration of coal, oil and gas.
- 5.170. A hard base, normally comprising crushed limestone, is required for the drilling rig and associated equipment. Supporting equipment includes mud pits, pipe racks, pumps and cabins. The environmental implications of deep borehole drilling are therefore much greater than those for the other exploration methods noted above.
- 5.171. The main considerations associated with deep boreholes include visual impact, noise, access, water pollution and directional drilling.

6. Implementation and Monitoring

Implementation

- 6.1. Local Plans should be monitored regularly to ensure that the policies within them are deliverable and effective and to identify whether the Plan or any of its policies need to be reviewed.
- 6.2. The policies set out in the Minerals Local Plan will primarily be implemented through the development management process in terms of determining planning applications and in carrying out the Council's ongoing minerals development monitoring and enforcement role.
- 6.3. Monitoring is important in facilitating the delivery of sustainable minerals development, the County will monitor all minerals development granted by the authority and will use appropriate compliance measures, such as regular site visits and enforcement action, to ensure all permitted minerals development comply with the terms of their planning permissions.
- 6.4. The Minerals Local Plan identifies the provision of aggregate minerals supply that is needed to meet demand during the plan period; 2018-2036. It makes separate provision for secondary and recycled aggregates, brick clay, gypsum, silica sand, industrial dolomite, building stone, coal and hydrocarbons.
- 6.5. The Plan contains overarching strategic policies mineral provision policies and development management policies, all of which have been developed to ensure that the overall approach is delivered in an environmentally sustainable way.

Monitoring

- 6.6. The Localism Act 2011 requires the production of monitoring reports. Details of what this must contain are set out in The Town and Country Planning (Local Planning) (England) Regulations 2012 with further guidance in the National Planning Policy Guidance.
- 6.7. The County Council produces a monitoring report each year to review:
 - Progress in preparing the new planning policy documents that will make up the development framework;
 - How well existing minerals and waste planning policies are working;
 - New national or other relevant policy guidance that needs to be taken into account;
 - Updates in local social, economic and environmental indicators that may influence existing and future minerals and waste policies.

- 6.8. Alongside the monitoring report, a requirement to prepare a Local Aggregates Assessment (LAA) was introduced through the publication of the National Planning Policy Framework in March 2012.
- 6.9. The LAA sets out:
- Summaries of past aggregate production, number of active quarries and the distribution of the extracted mineral.
 - Future apportionment levels based on the NPPF 10 year average figure and comparison to past apportionment figures.
 - The key issues that could affect the future demand for aggregates over the next plan period.
- 6.10. More detailed guidance on LAAs was published by the Department for Communities and Local Government (DCLG) in October 2012 and adds the requirement to produce a 3-year average production figure in order to monitor future demand.
- 6.11. Nottinghamshire County Council will work with the minerals industry and other mineral planning authorities, including through the East Midlands Aggregates Working Party to monitor sales, distribution and reserves of aggregate minerals and changes in patterns of supply to inform future forecasting and demand.
- 6.12. Observations recorded in the monitoring report and LAA will feed into reviews of the Minerals Local Plan, and if the strategy is not delivering or is indeed over delivering minerals an early review of the local plan may be necessary.
- 6.13. Appendix 4 contains a detailed monitoring and implementation table which sets out the policies, performance indicators and triggers for monitoring.

Glossary

Aftercare: Action necessary to bring restored land up to the required standard for an agreed after-use such as agriculture, forestry or amenity.

Air Quality Management Area (AQMA): A designation made by a local authority where an assessment of air quality results in the need to devise an action plan to improve quality of air.

Amenity: Something considered necessary to live comfortably.

Ancient Woodland: Woodland that is believed to have existed from at least medieval times.

Annual Monitoring Report: A report prepared by the County Council that monitors the progress of local plan preparation and the implementation of adopted policies.

Areas of Multiple Environmental Sensitivity study (AMES): A local study completed by Nottinghamshire County Council which sought to identify those areas of landscape considered to be of multiple environmental sensitivity relating to ecology, the historic environment and local attributes and thus establish the areas which might be considered most and least vulnerable or sensitive to development related impacts.

Best and most versatile agricultural land (BMV): The Agricultural Land Classification (ALC) provides a method for assessing the quality of farmland to enable informed choices to be made about its future use in the planning system. It helps underpin the principles of sustainable development. The ALC system classifies land into five grades, with Grade 3 subdivided into 3a and 3b. The best and most versatile land is defined as Grades 1, 2 and 3a by policy guidance. This is the land which is most flexible, productive and efficient in response to inputs and which can best deliver future crops for food and non-food uses such as biomass. Where significant development of agricultural land is unavoidable, poorer quality land should be used in preference to that of higher quality, except where this would be inconsistent with other sustainability considerations. Government policy is set out in the National Planning Policy Framework (NPPF).

Biodiversity Action Plan (BAP): A plan that identifies species and habitats that are a conservation priority to the locality and sets a series of targets for their protection and restoration/recreation.

Biodiversity Opportunity Mapping (BOM): A Nottinghamshire wide project led by the Nottinghamshire Biodiversity Action Group to increase understanding about the current distribution of biodiversity and to provide a spatial vision for the development of biodiversity in the long and medium term. It also looks at the most effective ways to re-create habitat networks at the landscape-scale. It is intended to help focus resources, deliver the local contribution to the England Biodiversity Strategy, inform spatial planning and inform other strategies and influence policy makers.

Bird strike: Risk of aircraft collision with birds, which are often attracted to open areas of water and landfill sites containing organic waste.

Climate change: The significant and lasting change in the distribution of weather patterns over periods ranging from decades to millions of years.

Conservation Areas: Designated areas of special architectural or historic interest, the character or appearance of which it is desirable to preserve or enhance.

Core Strategy: Under the previous planning system, local planning authorities produced a local development framework which comprised a portfolio of local development documents that together provided the framework for delivering a local authorities' planning strategy. This included a Core Strategy which set out the strategic overview for the plan area. Under changes to the planning system this has been replaced with the production of a single local plan.

Countryside: Areas that are not urbanised.

Cumulative impact: Impacts that accumulate over time, from one or more sources, and can result in the degradation of important resources.

Development Plan: The series of planning documents that form all of the planning policy for an area, it includes Local Plans (District and County) and neighbourhood plans. All documents forming the development plan have to be found 'sound' by a Government Inspector during a public independent examination before they can be adopted.

Environment Agency (EA): A public organisation with the responsibility for protecting and improving the environment in England and Wales. Its functions include the regulation of industrial processes, the maintenance of flood defences and water resources, water quality and the improvement of wildlife habitats.

Environmental Impact Assessment (EIA): Systematic investigation and assessment of the likely effects of a proposed development, to be taken into account in the decision-making process under the Town and Country Planning (Environment Impact Assessment) (England and Wales) Regulations 1999. The process is undertaken for a proposed development that would significantly affect the environment because of its siting, design, size or scale.

General Permitted Development Order (GPDO): Legislation which sets out the classes of development for which a granted of planning permission is automatically given, provided that no restrictive covenant is attached or that the development is exempt.

Green Belt: An area designated to provide permanent separation between urban areas. The main aim of Green Belt policy is to prevent urban sprawl by keeping land permanently open; the most important quality of Green Belts is their openness.

Green infrastructure: A network of multi-functional green space, both new and existing, both rural and urban, which supports the natural and ecological processes and is integral to the health and quality of life of sustainable communities.

Greenhouse gas: Gases resulting from various processes which, when emitted into the atmosphere, trap heat from the sun causing rises in global temperatures – a process often referred to as the greenhouse effect.

Groundwater Source Protection Zones: Geographical areas, defined by the Environment Agency, used to protect sources of groundwater abstraction.

Habitats Regulation Assessment (HRA): Statutory requirement for Planning Authorities to assess the potential effects of land-use plans on designated European Sites in Great Britain. The Habitats Regulations Assessment is intended to assess the potential effects of a development plan on one or more European Sites (collectively termed 'Natura 2000' sites). The Natura 2000 sites comprise Special Protection Areas (SPAs) and Special Areas of Conservation (SACs). SPAs are classified under the European Council Directive on the conservation of wild birds (79/409/EEC; Birds Directive) for the protection of wild birds and their habitats (including particularly rare and vulnerable species listed in Annex 1 of the Birds Directive, and migratory species).

Health and Safety Executive (HSE): The national independent watchdog for work-related health, safety and illness.

Health Impact Assessments (HIA): A practical and flexible framework by which the effects of policies, plans or projects on health and inequality can be identified. Such effects are examined in terms of their differential impact, their relative importance and the interaction between impacts. In doing so, HIAs can make recommendations to inform decision making, particularly in terms of minimising negative impacts and maximising opportunity to promote health and wellbeing.

Heavy goods vehicles (HGV): A vehicle that is over 3,500kg unladen weight and used for carrying goods.

Highways Authority: The organisation responsible for the administration of public roads.

Highways England: A government company charged with driving forward England's motorways and major A roads. Including modernising and maintaining the highways, as well as running the network and keeping traffic moving.

Historic England: The public body that looks after England's historic environment. It champions historic places, helping people to understand, value and care for them.

Historic Environment Record (HER): A public record of all aspects of the historic environment of the County.

Landbank: A measure of the stock of planning permissions in an area, showing the amount of unexploited mineral with planning permission for extraction, and how long those supplied will last at the locally apportioned rate of supply.

Landscape character: A combination of factors such as topography, vegetation pattern, land use and cultural associations that combine to create a distinct, recognisable character.

Landscape Character Assessment (LCA): A technique used to identify what makes a place unique in landscape terms. Characterisation involves assessing the physical components of a landscape alongside cultural influences.

Listed Building: Buildings of special architectural or historic interest, the character or appearance of which it is desirable to preserve or enhance. Protected under the Planning (Listed Buildings and Conservation Areas) Act 1990.

Local Nature Reserves (LNR): A statutory designation made (by principal local authorities) under Section 21 of the National Parks and Access to the Countryside Act 1949. They are places of local, but not necessarily national, wildlife or geological importance and also often have good public access and facilities. Local Nature Reserves are almost always owned by local authorities, who often pass the management of the Local Nature Reserves onto County Wildlife trusts.

Local Transport Plan (LTP): A statutory plan detailing the future transport approach in a given area.

Local Wildlife Sites (LWS): Sites that support wildlife-rich habitats, or particularly important species, but which aren't protected nationally.

Material considerations: A material consideration in the UK is a process in Planning Law in which the decision maker, when assessing an application for development, must consider in deciding the outcome of an application.

Ministry of Defence (MoD): The Government department responsible for implementation of the government defence policy and the headquarters of UK armed forces.

Minerals Consultation Areas (MCA): An area identified to ensure consultation between the relevant District or Borough planning authority, the minerals industry and the Minerals and Waste Planning Authorities before certain non-mineral planning applications made within the area are determined. The Nottinghamshire Minerals Consultation Area covers the same areas as the Minerals Safeguarding Area. (with the exception of Colwick Wharf)

Minerals Safeguarding Areas (MSA): The MSA is defined by minerals and waste planning authorities. They include viable resources of minerals and are defined so that inferred resources of minerals are not sterilised by non-mineral development. The MSA does not provide a presumption for these resources to be worked. The Nottinghamshire Minerals Safeguarding Areas covers the same areas as the Mineral Consultation Areas.

National Nature Reserve (NNR): A nationally important biological or geological site declared by Natural England and managed through ownership, leasehold or a nature reserve agreement.

National Planning Policy Framework (NPPF): The national planning document setting out the Government's planning policies for England and how these are expected to be applied. It acts as guidance for local planning authorities and decision-takers in both drawing up plans and making decisions about planning applications.

Natura 2000 sites: Designated land including Special Protection Areas (SPAs) and Special Areas of Conservation (SACs) and Ramsar sites.

Natural England: The government's adviser for the natural environment in England, which helps to protect England's nature and landscape for people to enjoy and for the service they provide.

Permitted development rights: Permitted development rights grant automatic planning permission to proposals for development that is a physical operation, or a material change of use, or both.

Permitted reserves: Mineral resource with planning permission for extraction.

Policies Map: A map on an Ordnance Survey base showing spatial application of appropriate policies from the Local Plan. Also known as a proposals map.

Ramsar Sites: (Wetlands of International Importance): Sites of international importance for waterfowl protected under the Ramsar Convention of the Conservation of Wetlands of International Importance, ratified by the UK Government in 1976.

Recycled aggregates: Materials that have been used previously, including construction and demolition waste, asphalt road planings and used railway ballast.

Regionally Important Geological Sites (RIGS): Sites, designated by locally developed criteria, which are currently the most important sites for geology and geomorphology outside statutorily protected land, such as Sites of Special Scientific Interest (SSSI).

Register of Historic Parks and Gardens of Special Historic Interest: A register held by Historic England established in 1983 which identifies sites assessed to be of national importance. (also referred to as 'registered parks and gardens').

Renewable energy: Energy which comes from natural resources such as sunlight, wind, rain, tides and geothermal heat, which are naturally replenished.

Restoration: The process of returning a site to its former use, or delivering new conditions that will support an agreed after-use, such as recreation or the creation of wildlife habitats.

Rights of Way (RoW): Marked routes which the public have a legally protected right to use.

Scheduled Ancient Monument (SAM): Nationally important archaeological sites included in the Schedule of Ancient Monuments maintained by the Secretary of State under the Ancient Monuments and Archaeological Areas Act 1979.

Secondary aggregate: Materials that are by-products of other processes, including the production of primary aggregates. They do not meet primary aggregate specifications but can be used instead of them.

Section 106 agreement (S106): The Town and Country Planning Act 1990 allows a local planning authority (LPA) to enter into a legally-binding agreement or planning obligation with a landowner when granting planning permission. The obligation is termed a Section 106 Agreement. These agreements are a way of dealing with matters that are necessary to make a development acceptable in planning terms. They are increasingly used to support the

provision of services and infrastructure, such as highways, recreational facilities, education, health and affordable housing.

Site of Special Scientific Interest (SSSI): A national designation for an area of special interest because of its flora, fauna, or geological or physiographical features, selected by Natural England and notified under Section 28 of the Wildlife and Countryside Act 1981.

Sites and Monuments Record (SMR): The National Trust Sites and Monuments Record (NTSMR) is a resource and repository of information about the archaeology and historic landscapes under National Trust care.

Special Area of Conservation (SAC): Areas which have been given special protection under the European Union's Habitats Directive. They provide increased protection to a variety of wild animals, plants and habitats and are a vital part of global efforts to conserve the world's biodiversity.

Special Protection Area (SPA): An area of importance for the habitats of certain rare or vulnerable categories of birds or for regularly occurring migratory bird species, required to be designated for protection by member states under the European Community Directive on the Conservation of Wild Birds (79/409/EC).

Statement of Community Involvement (SCI): A Local Development Document which sets out the standards the Planning Authority intend to achieve when involving the community in preparing Local Development Documents, or when making a significant development control decision. It also sets out how the Authority intends to achieve these standards. A consultation statement must be produced showing how the Authority has complied with its SCI.

Sterilisation: When a change of use, or the development, of land prevents possible mineral exploitation in the foreseeable future.

Strategic Flood Risk Assessment (SFRA): An assessment of the potential flood risk such as from groundwater and fluvial flood risk, undertaken at the appropriate level (County or district).

Strategic Transport Assessment: An assessment of the likely impact of planning policies (site allocations) on the highway network. The purpose of the Nottinghamshire Strategic Transport Assessment is to describe the HGV impacts upon the Highway network as a result of the proposed MLP sites whilst considering the goals and targets set out in the relevant local and national planning policy documents.

Sustainability Appraisal (SA): In United Kingdom planning law, an appraisal of the economic, environmental, and social effects of a plan from the outset of the preparation process, to allow decisions that are compatible with sustainable development. Since 2001, sustainability appraisals have had to conform to the EU directive on Strategic Environmental Assessment.

Sustainable Community Strategy: A document outlining the local community's wishes and priorities for their area, they can be used as a tool to ensure local government and other services work together to meet local needs.

Sustainable Development: Development that meets the needs of the present without compromising the ability of future generations to meet their own needs. It encompasses five guiding principles: living within the planet's environmental limits, ensuring a strong, healthy and just society, achieving a sustainable economy, promoting good governance and using sound science responsibly.

Sustainable Drainage Systems (SuDS): A sequence of water management practices and facilities designed to drain surface water in a more suitable way than the conventional practice of routing run off through a pipe to a watercourse.

Townscape: The appearance of a town or city; an urban scene.

Transport Assessment (TA) / Transport Statement (TS): The National Planning Policy Framework requires that all developments that are likely to generate significant amounts of transport movements should include a Transport Assessment or Transport Statement as part of a planning application. Both will examine the transport issues relating to the proposed development and identify measures needed to deal with the impacts, improve accessibility and safety for all modes of transport and promote measures to encourage sustainable transport. The reports are usually accompanied by a Travel Plan that includes measures to encourage use of sustainable transport that will be implemented as part of the development. A Strategic Transport Assessment will cover the same issues, but will look at a range of proposed allocations to assess the potential individual and cumulative impacts of the developments.

Trunk road network: The strategic network of roads used to move people and freight around the country. The Highways England is responsible for its construction and maintenance.

Urban Areas: An area characterised by higher population density and vast human features in comparison to areas surrounding it. Urban areas may be cities, towns or conurbations.

Water Framework Directive: A European directive which became part of UK law in December 2003. It provides an opportunity to plan and deliver a better water environment, focussing on ecology, which will be delivered through river basin management planning.

Appendix 1: Delivery Schedules

Sand and gravel and Sherwood Sandstone delivery schedules

The delivery schedules set out the expected life of existing permitted quarries over the plan period and how the site allocations (extensions to existing permitted quarries and/or new green field quarries) will maintain output over the plan period.

Given the nature of extraction and the influence of future economic conditions, the figures set out in the schedules should only be used as an indicative illustration.

For a number of quarries two figures are stated. The forecasted figure relates to information supplied by the mineral operators through the call for sites process or the wider public consultation process. The permitted figures relate to the maximum output figures as stated in the relevant planning permission for the quarry.

Due to reasons of confidentiality, detailed annual sales data cannot be used on a site by site basis

Key to the following tables:

- Existing sites are highlighted in light grey
- Extensions to existing sites are highlighted in dark grey
- New quarries are highlighted in black

Sand and gravel delivery schedule

Site (site code)	Output	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Idle Valley																				
Newington South (MP2a)	Forecasted	150																		
Finningley (MP2b)	Forecasted	0																		
	Permitted	160																		
Sturton Le Steeple (MP2c)	Forecasted			50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	Permitted			500	500	500	500	500	500	500	500	500	500	500	500	500	500	500		
Bawtry Road (MP2d)	Permitted		40	40	40	40	40	40	40											
Bawtry Road West (MP2k)	Forecasted									30	30	30	30	30	30					
Scrooby South (MP2j)	Forecasted	40	40	40	40	40														
	Permitted	72	72	72	72	72														
Scrooby North (MP2m)	Forecasted						40	40	40	40	40	40	40	40	40	40	40	40	40	40
Scrooby Thompson Land (MP2l)	Forecasted			40	20															
Newark																				
Cromwell (MP2e)	Forecasted	200	200	200	200	200	200	200	200	200	100									
	Permitted	200	200	200	200	200	200	200	200	200	200									
Besthorpe (MP2f)	Forecasted	150	150	200																
	Permitted	120	120	120	120	120														
Besthorpe East (MP2o)	Forecasted				200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
Girton (MP2g)	Forecasted	0	50	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
	Permitted		200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	
Langford Lowfields (MP2h)	Permitted	450	450	450	450	450	450	450	450	450	250									
Langford Lowfields North (MP2n)	Forecasted										200	450	450	450	450	450	450	450	450	450
Nottingham																				
Mill Hill near Barton in Fabis (MP2p)	Forecasted		280	280	280	280	280	280	280	280	280	280	280	280						
East Leake (MP2i)	Permitted	180	180	180	180	180	180	180	180	180										

Sherwood Sandstone delivery schedule

Site	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Calverton/ Burnstump (MP3a)	30	30	30	30	30**	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Bestwood 2 (MP3b)	140	140	140	140	140	140	140	140	140	140	140	140							140*
Bestwood 2 North (MP3d)													140	140	140	140	140	140	
Scrooby Top (MP3c)	120	120	120	120	120														
Scrooby Top North (MP3e)						120	120	120	120	120	120	120	120	120	120	120	120	120	120

Appendix 2: Site Allocation Development Briefs

The purpose of the site development briefs is to identify the key site-specific issues that will need to be addressed as part of the detailed planning application process for each of the allocated quarries. The options for biodiversity led restoration have been identified through the development of a biodiversity opportunity mapping project which seeks to identify opportunities for the enhancement, expansion, creation and re-linking of wildlife habitats across the county.

MP2k – Bawtry Road west

Grid reference: 467589, 395160

District: Bassetlaw District Council

Parish: Misson Parish Council

Total mineral resource: 180,000 tonnes

Quarry restoration

All proposals for restoration schemes should be in line with the County Council's approach to Biodiversity-Led Restoration contained within Policy SP2.

Target restoration will depend on landform, hydrology and substrate characteristics. However, priority habitats could include:

- Lowland Dry Acid Grassland
- Lowland Heathland
- Floodplain Grazing Marsh
- Lowland Fens
- Marsh and Swamp
- Reedbed
- Ponds
- Wet Woodland
- Oak-birch Woodland

Restoration should seek to maximise the extent of target habitat(s) and avoid habitat packing, where small areas of lots of habitats are packed into the site. Priority should be given to wetland/open habitats rather than woodland although it should be noted that the site is adjacent to a former quarry area known as Rugged Butts (SINC/LWS 2/969), which is now a significant area of acid grassland. It may therefore be appropriate to seek to expand this area by creating similar habitats within the restoration at Bawtry Road North. There is also potential for flood risk improvements as part of the restoration.

Location

- South west of Mission and north east of Newington
- See Policies Map Inset 2

Environmental and cultural designations

- Indirect impact on the setting of the designated heritage assets at Austerfield and Misson and on the nearby valuable cluster of LWSs and SSSIs around Newington and Misson should be considered
- Woodland area along disused railway line should be retained
- Hedge planting along northern boundary and eastern edge of the site
- Consideration of Landscape Character Assessment, Policy Zone recommendation: 'Conserve and Restore' - actions should encourage the conservation of distinctive features in good condition, whilst restoring elements or areas in poorer condition and removing or mitigating detracting features.
- High potential for the site to contain non-designated archaeology.

Access and transport

- Access on to public highway as per existing site (MP2d - Bawtry Road)
- Lorry routing and signage agreements to avoid the village of Misson to be retained

Amenity

- Misson Byway No.2 (Byrons Lane), which follows the northern boundary of the site should be protected.

Water and flooding

- Potential indirect hydrological links to the Hatfield Moor SAC.

A Flood Risk Assessment should address:

- Surface and ground water flooding
- Overland flow paths
- Potential impact on the groundwater resource as the site is within a Source Protection Zone 3 and underlain by a Principal Aquifer.

MP2I – Scrooby Thompson Land

Grid reference: 465749, 388835

District: Bassetlaw District Council

Parish: Scrooby Parish Council

Total mineral resource: 60,000 tonnes

Quarry restoration

All proposals for restoration schemes should be in line with the County Council's approach to Biodiversity-Led Restoration contained within Policy SP2.

Restoration of the site should be primarily biodiversity-led, however the higher quality agricultural soils should be taken into account in the final restoration proposal reflecting policy DM3; Agricultural land and soil quality. Target restoration will depend on landform, hydrology and substrate characteristics. However, priority habitats could include:

- Lowland Dry Acid Grassland
- Lowland Heathland
- Floodplain Grazing Marsh
- Lowland Fens
- Marsh and Swamp
- Reedbed
- Ponds
- Wet Woodland
- Oak-birch Woodland

Restoration should seek to maximise the extent of target habitat(s) and avoid habitat packing, where small areas of lots of habitats are packed into the site. Priority should be given to wetland/open habitats rather than woodland.

Location

- North west of Ranskill
- See Policies Map Inset 3

Environmental and cultural designations

- Working should avoid impacts on designated sites in the local area including Scrooby sand pits.
- Consideration of Landscape Character Assessment, Policy Zone recommendation: 'Conserve and Reinforce' – actions should conserve distinctive features and features in good condition, and strengthen and reinforce those features that may be vulnerable
- Site is within an area with historical records of nightjar and woodlark.
- High potential for the site to contain non-designated archaeology.
- Potential impacts on the setting of listed buildings at Scrooby Top Farmhouse and Cottages.
- Potential indirect links to the Birklands and Bilhaugh SAC and Sherwood Forest ppSPA.

- Potential impacts on the Mattersey Hill Marsh and River Idle Washlands SSSIs

Access and transport

- Access on to public highway as per existing site (MP3c – Scrooby Top)
- Strategic Transport Assessment advises segregated HGV right-turn into site
- Access through existing areas must not bring about unacceptable restoration delays

Amenity

- Potential for creation of permissive or definitive access to restored areas
- Screening should be provided from residential properties to the north west of the site.

Water and flooding

A Flood Risk Assessment should address:

- Surface and ground water flooding
- Overland flow paths
- Potential impact on the groundwater resource as the site is within a Source Protection Zone 3 and underlain by a Principal Aquifer.

MP2m – Scrooby North

Grid reference: 465400, 389809

District: Bassetlaw District Council

Parish: Scrooby Parish Council

Total mineral resource: 560,000 tonnes available during the plan period.

Quarry restoration

All proposals for restoration schemes should be in line with the County Council's approach to Biodiversity-Led Restoration contained within Policy SP2.

Restoration of the site should be primarily biodiversity-led, however the higher quality agricultural soils should be taken into account in the final restoration proposal reflecting policy DM3; Agricultural land and soil quality. Target restoration will depend on landform, hydrology and substrate characteristics. However, priority habitats could include:

- Lowland Dry Acid Grassland
- Lowland Heathland
- Floodplain Grazing Marsh
- Lowland Fens
- Marsh and Swamp
- Reedbed
- Ponds
- Wet Woodland
- Oak-birch Woodland

Restoration should seek to maximise the extent of target habitat(s) and avoid habitat packing, where small areas of lots of habitats are packed into the site. Priority should be given to wetland/open habitats rather than woodland.

Location

- North west of Ranskill
- See Policies Map Inset 3

Environmental and cultural designations

- Working should avoid impacts on designated sites in the local area including Scrooby sand pits.
- Gap up hedgerow to north boundary and plant new hedgerow to eastern and southern boundaries
- Consideration of Landscape Character Assessment, Policy Zone recommendation: 'Conserve and Reinforce' – actions should conserve distinctive features and features in good condition, and strengthen and reinforce those features that may be vulnerable.
- Site is within an area with historical records of nightjar and woodlark.
- Potential indirect links to the Birklands and Bilhaugh SAC and Sherwood Forest ppSPA.
- Potential impacts on the Mattersey Hill Marsh and River Idle Washlands SSSIs

Access and transport

- Access on to public highway as per existing site (MP3c – Scrooby Top)
- Strategic Transport Assessment advises segregated HGV right-turn into site
- Access through existing areas must not bring about unacceptable restoration delays

Amenity

- Restoration could create a new access from Green Lane (Scrooby Bridleway 4) to Scrooby Bridleway 1

Water and flooding

- Two licensed abstractions lie within the site. If dewatering occurs there is the potential that levels in the lagoon could be lowered, restricting abstraction
- Site lies within Ranskill Brook WFD water body which is currently undergoing a hydrological investigation to ascertain reasons for low flows

A Flood Risk Assessment should address:

- Surface and ground water flooding
- Overland flow paths
- Potential impact on the groundwater resource as the site is within a Source Protection Zone 3 and underlain by a Principal Aquifer.

MP2n – Langford Lowfields North

Grid reference: 481811, 361325

District: Newark and Sherwood District Council

Parish: Collingham Parish Council

Total mineral resource: 4.7 million tonnes available during the plan period

Quarry restoration

All proposals for restoration schemes should be in line with the County Council's approach to Biodiversity-Led Restoration contained within Policy SP2.

Restoration of this site should be biodiversity-led as it has the potential to provide new areas of wetland to increase the overall resource and in doing so contribute to aspirations for this habitat over a 5-10 year time frame, as per the Trent Valley Biodiversity Opportunity Mapping Project. Target restoration will depend on landform, hydrology and substrate characteristics. However, priority habitats could include:

- Lowland Neutral Grassland
- Floodplain Grazing Marsh
- Marsh and Swamp
- Reedbed
- Ponds
- Wet Woodland

Restoration of this site has the potential to provide significant new areas of wetland habitats to increase the overall resource and in doing so contribute to aspirations for these habitats over a 50 year time frame, as per the Trent Valley Biodiversity Opportunity Mapping Project. The approach to restoration across this site and the other sites in the Collingham and Besthorpe area should ideally be co-ordinated through a Master-planning process, or similar, to ensure that opportunities are maximised.

Restoration should seek to maximise the extent of target habitat(s) and avoid habitat packing, where small areas of lots of habitats are packed into the site. Priority should be given to wetland/open habitats rather than woodland. Given the proximity of the site to Langford Lowfields, Besthorpe and Cromwell quarries, the restoration plan should aim to complement existing and proposed restoration schemes as well as existing habitats to maximise biodiversity gain in the area.

As the site lies within an area of very high multiple environmental sensitivity for ecology, heritage and landscape, the biodiversity-led restoration outlined above should be sensitive to these elements. This is particularly important to the eastern edge where the site is bounded by a multiple environmental sensitivity hotspot for ecology, heritage and landscape (as per the Trent Valley Areas of Multiple Environmental Sensitivity Project).

Location

- South west of Colingham and north east of Holme
- See Policies Map Inset 8

Environmental and cultural designations

- Protection of the nearby Conservation Area of Collingham and its listed buildings. Reference should also be made to the Collingham Conservation Area Character Appraisal (CACA)
- Protection of Horse Pool LWS and Besthorpe Meadow SSSI must be considered
- High archaeological potential to be managed through appropriate survey methods
- Retain existing strong mixed species hedgerows and incorporate into restoration design as far as possible
- Consideration of Landscape Character Assessment, Policy Zone recommendation: 'Create and Reinforce' – actions should strengthen or reinforce distinctive features and patterns in the landscape, whilst creating new features or areas where they have been lost or are in poor condition
- High potential for the site to contain non-designated archaeology

Access and transport

- Access on to public highway as per existing site (MP2h – Langford Lowfields)
- Existing HGV routing agreement to be maintained

Amenity

- Protection or suitable management of South Collingham footpath 1, Langford footpaths 9 and 10 and footpath 21
- Opportunity through restoration phase to resolve the anomaly of South Clifton footpath 2, which is currently dead-ended
- Provide screening of site from Westfield Farm

Water and flooding

- Ensure the 9m easement from the watercourse along the southern boundary is suitable to withstand ingress of water into the quarry.
- Site must be designed and constructed to remain operational and safe for users in times of flood, result in no net loss of floodplain storage, not impede water flows and not increase flood risk elsewhere.

A Flood Risk Assessment should address:

- Surface and ground water flooding
- Overland flow paths
- Mitigation of potential flooding as site lies in Flood Zone 3
- Potential impact on the groundwater resource as the site is underlain by a Secondary Aquifer
- The impact of existing flood defences failing

Other

- The site is crossed by a National Grid high voltage overhead electricity transmission line (4VK route)

MP2o- Besthorpe East

Grid reference: 482294, 363202

District: Newark and Sherwood District Council

Parish: Collingham Parish Council

Area: 36.13 hectares

Total mineral resource: 3.3 million tonnes

Quarry restoration

All proposals for restoration schemes should be in line with the County Council's approach to Biodiversity-Led Restoration contained within Policy SP2.

Restoration of this site should be biodiversity-led as it has the potential to provide new areas of wetland to increase the overall resource and in doing so contribute to aspirations for this habitat over a 50 year time frame, as per the Trent Valley Biodiversity Opportunity Mapping Project. Target restoration will depend on landform, hydrology and substrate characteristics. However, priority habitats could include:

- Lowland Neutral Grassland
- Floodplain Grazing Marsh
- Marsh and Swamp
- Reedbed
- Ponds
- Wet Woodland

Restoration of this site has the potential to provide significant new areas of wetland habitats to increase the overall resource and in doing so contribute to aspirations for these habitats over a 50 year time frame, as per the Trent Valley Biodiversity Opportunity Mapping Project. The approach to restoration across this site and the other sites in the Collingham and Besthorpe area should ideally be co-ordinated through a Master-planning process, or similar, to ensure that opportunities are maximised.

Restoration should seek to maximise the extent of target habitat(s) and avoid habitat packing, where small areas of lots of habitats are packed into the site. Priority should be given to wetland/open habitats rather than woodland. Given the proximity of the site to reedbeds at Langford Lowfields, Besthorpe and Cromwell quarries, reedbed would be an appropriate habitat at this location for at least part of the restoration, although there are also opportunities to deliver Floodplain Grazing Marsh to augment the existing area of this habitat at Besthorpe Meadow SSSI.

As the site lies within an area of very high multiple environmental sensitivity for ecology, heritage and landscape, the biodiversity-led restoration outlined above should be sensitive to these elements. This is particularly important to the northern and southern boundaries, where the site abuts hotspots of multiple environmental sensitivity (as per the Trent Valley Areas of Multiple Environmental Sensitivity Project).

Location

- North west of Collingham and south of Besthorpe village
- See Policies Map Inset 8

Environmental and cultural designations

- High archaeological potential will need to be managed through appropriate survey methods.
- Indirect impact on the nearby valuable cluster of LWSs and SSSIs around Besthorpe and Collingham and adjacent meadow area (Northcroft Lane Meadow) and its mature hedgerows should be taken into account
- Possible opportunities to enhance the feeder dykes into the River Fleet
- Plant native species hedge to south of existing access track to quarry.
- Consideration of Landscape Character Assessment, Policy Zone recommendation: 'Create and Reinforce' – actions should strengthen or reinforce distinctive features and patterns in the landscape, whilst creating new features or areas where they have been lost or are in poor condition
- High potential for non-designated archaeology on the site.
- Potential impacts on the setting of the conservation areas of Besthorpe and Collingham. Reference should also be made to the Collingham Conservation Area Character Appraisal (CACA)

Access and transport

- Access on to public highway as per existing site (MP2f - Besthorpe)
- Existing routing agreement to avoid Collingham village to be retained
- Maximise use of barge transportation
- Avoid use of Northcroft Lane (a byway) for access to A1133 by lorries

Amenity

- Footpath 17C should be diverted during working and likely crossing of Byway 41 by a conveyor to be managed
- Scope for rights of way improvement as part of the restoration works

Water and flooding

- Ensure the 9 metre easement from watercourse that forms the eastern boundary is suitable to withstand ingress of water into the quarry.
- Potential indirect hydrological impact on the Besthorpe Meadow SSSI. Wet working should be considered.

A Flood Risk Assessment should address:

- Surface and ground water flooding
- Overland flow paths
- Potential impact on the groundwater resource as the site is underlain by a Secondary Aquifer.
- Mitigation of potential flooding as site lies in Flood Zone 3

Other

- Site is crossed by a National Grid high voltage overhead electricity transmission line (4VK route)

MP2p - Mill Hill near Barton in Fabis

Grid reference: 453142, 333775

District: Rushcliffe Parish Council

Parish: Barton in Fabis Parish Council

Total mineral resource: 3.0 million tonnes excluding potential reserves within Nottingham City Administrative Boundary.

Quarry restoration

Restoration should be biodiversity-led, and precise details will be dependent upon landform and substrate characteristics. However, restoration should target the creation of:

- Wet Grassland (Floodplain Grazing Marsh)
- Reedbed
- Marsh and Swamp
- Ponds

Other habitats that may be appropriate for creation include:

- Lowland Neutral Grassland
- Wet Woodland
- Mixed Ash-dominated Woodland (Lowland Mixed Deciduous Woodland)

Restoration should seek to maximise the extent of target habitat(s) and avoid habitat packing, where small areas of lots of habitats are packed into the site. Priority should be given to wetland/open habitats rather than woodland (although there may be limited opportunities for the latter along the bluff on the eastern side of the site) and should complement existing wetland habitat in the vicinity. Opportunities for created habitats to have multi-functional benefits (flood storage) should be explored and taken where possible.

Location

- North east of Barton in Fabis village and west/south west of Clifton
- See Policies Map Inset 16

Environmental and cultural designations

- Direct and indirect impact on LWS within and near the site and indirect impacts on Holme Pit SSSI and Attenborough Gravel Pits SSSI must be considered.
- High archaeological potential to be managed, including use of metal detector on conveyor belt
- Consideration of Landscape Character Assessment, Policy Zone recommendation: 'Enhance' - emphasis should be to improve existing features which may not be currently well- managed or where existing features are of good quality but could be of greater benefit if improved.
- Appropriate bird surveys should be undertaken including the potential effects on birds associated with the SSSI.

- Potential impacts on the Clifton Village Conservation Area, Clifton Hall and the associated Registered Park and Garden.

Access and transport

- Access on to the public highway to east of the site on to the old A453

Amenity

- Protection or suitable management of Barton in Fabis footpaths FP2, FP69 and BW1

Water and flooding

- Mitigation of potential flooding should be considered through a Flood Risk Assessment as site lies in Flood Zone 3. No excavation within 45m of the toe of any flood defence or the River Trent itself

MP3d - Bestwood 2 North

Grid reference: 457333, 352598

District: Gedling Borough Council

Parish: Ravenshead Parish Council

Total mineral resource: 0.75 million tonnes

Quarry restoration

All proposals for restoration schemes should be in line with the County Council's approach to Biodiversity-Led Restoration contained within Policy SP2.

Target restoration will depend on landform, and substrate characteristics. However, priority habitats could include:

- Lowland Dry Acid Grassland
- Lowland Heathland
- Marsh and Swamp
- Ponds
- Oak-birch Woodland

Restoration should seek to maximise the extent of target habitat(s) and avoid habitat packing, where small areas of lots of habitats are packed into the site. Priority should be given to wetland/open habitats rather than woodland. Heathland/ Acid Grassland habitats should be priorities for creation; however, Oak-birch Woodland creation may be required to mitigate against the loss of exiting woodland from within Longdale Plantation (SINC/LWS 2/363).

Location

- South of Ravenshead
- See Policies Map Inset 12

Environmental and cultural designations

- The restoration scheme would have to demonstrate that the loss of the LWS could be outweighed by the greater than County need for the development and that high-quality habitat, at least equal to that which would be lost, could be established and maintained in the long term
- Indirect impact on the setting of various Scheduled Ancient Monuments, registered parks and gardens, conservation areas and listed buildings (associated with Papplewick Pumping Station, Newstead Abbey and Papplewick Hall) must be considered
- Consideration of Landscape Character Assessment, Policy Zone recommendation: 'Conserve and Reinforce' – actions should conserve distinctive features and features in good condition and strengthen and reinforce those features that may be vulnerable.
- In-line with the recommendations in the Minerals Local Plan Habitats Regulation Assessment Scoping Report, any potential impacts on the Sherwood ppSPA will need to be fully investigated and mitigated as part of any planning application.

Access and transport

- Access on to public highway as per existing site (MP3b – Bestwood 2)

Amenity

- Potential to create right of way links through restoration

Water and flooding

- Mitigation of potential flooding should be considered through a Flood Risk Assessment.
- Assess potential Impact on groundwater and surface water quality through environmental assessment (including impact on Source Protection Zone 3 and the Principal Aquifer).

MP3e – Scrooby Top North

Grid reference: 464999, 389528

District: Bassetlaw District Council

Parish: Scrooby Parish Council

Total mineral resource: 1.68 million tonnes available over the plan period

Quarry restoration

All proposals for restoration schemes should be in line with the County Council's approach to Biodiversity-Led Restoration contained within Policy SP2.

Restoration should include agricultural and biodiversity-led elements. Target restoration will depend on landform, and substrate characteristics. However, priority habitats could include:

- Lowland Dry Acid Grassland
- Lowland Heathland
- Marsh and Swamp
- Reedbed
- Ponds
- Wet Woodland
- Oak-birch Woodland

Restoration should seek to maximise the extent of target habitat(s) and avoid habitat packing, where small areas of lots of habitats are packed into the site. Priority should be given to wetland/open habitats rather than woodland.

Location

- North west of Ranskill
- See Policies Map Inset 3

Environmental and cultural designations

- Impacts on ecological interest of Scrooby Sand Pits must be considered
- High archaeological potential to be managed through appropriate survey methods
- Protect and retain character of existing Green Land (Scrooby BW4) to north and north west of the site.
- Retain existing woodland strips to western edge of site which provide screening from A638 and plant additional mixed species hedgerow to north, east and southern boundaries of the site
- Consideration of Landscape Character Assessment, Policy Zone recommendation: 'Conserve and Reinforce' – actions should conserve distinctive features and features in good condition, and strengthen and reinforce those features that may be vulnerable
- Consideration of historic records of nightjar and woodlark on the site, which are protected under the Birds Directive and the Conservation Regulations 2010.
- Potential impacts on the Mattersey Hill Marsh and River Idle Washlands SSSIs

Access and transport

- Access on to public highway as per existing site (MP3c – Scrooby Top)

Water and flooding

- Assess potential Impact on groundwater and surface water quality through environmental assessment (including impact on Source Protection Zone 3 and the Principal Aquifer).

A Flood Risk Assessment should address:

- Surface and groundwater water flooding
- Mitigation of potential flooding

MP7c – Bantycock quarry south

Grid reference: 481165, 348611

District: Newark and Sherwood District Council

Parish: Fernwood Parish Council

Total mineral resource: 8.5 million tonnes

Quarry restoration

All proposals for restoration schemes should be in line with the County Council's approach to Biodiversity-Led Restoration contained within Policy SP2.

Target restoration will depend on landform, and substrate characteristics. However, priority habitats could include:

- Calcareous grassland (on drier areas)
- Floodplain grazing marsh/seasonally wet grassland (on lower areas)
- Marsh and swamp
- Reedbed
- Lowland mixed deciduous woodland
- Wet woodland
- Hedgerows
- Ditches
- Ponds

Restoration should seek to maximise the extent of target habitat(s) and avoid habitat packing, where small areas of lots of habitats are packed into the site. Priority should be given to wetland/open habitats rather than woodland. Restoration involving the return of land to agriculture and nature conservation corridors should complement the approved restoration scheme for the existing quarry to the north, and the Staple Land Quarry landfill to the west.

Any proposed habitats should be appropriate for the Trent and Belvoir Vales National Character Area. Effort should be made to retain as many existing habitat features as possible, especially given the potential loss of Cowtham House Arable LWS and at least partial loss of Shire Dyke, Balderton South LWS.

Location

- South of Newark on Trent, to the south-west of Fernwood.
- See Policies Map Inset 15

Environmental and cultural designations

- The restoration scheme would have to demonstrate that the loss of the LWSs (Cowtham House Arable LWS and Shire Dyke Balderton South LWS are within the site area) could be outweighed by the greater than County need for the development and that high-quality habitat, at least equal to that which would be lost, could be established and maintained in the long term.

Access and transport

- Access on to public highway as per existing site to the north (MP7b- Bantymock Quarry).
- Over time access arrangements will be affected by the Newark Southern Link Road which is currently only partially built.

Amenity

- Potential to create right of way links through restoration, extending those proposed for northern extraction areas and linking into Cotham FP7.

Water and flooding

- Mitigation of potential flooding should be considered through a Flood Risk Assessment.

Other

- Take account of the high-pressure gas pipeline (FM09 Silk Willoughby to Staythorpe) running across the site and meet the statutory safety clearances.

Appendix 3: Policies Map


Nottinghamshire Minerals Local Plan

Publication Version

Policies Map

LEGEND




Features

 County Boundary (Plan Area)

Transport Network

 Railways
 Core Road Network
 Waterways
 Navigable
 Other

Environmental Designations

 Special Area of Conservation (SAC)
 National Nature Reserve (NNR)
 Greenbelt

Hydrocarbons

 PEDL Licence Areas  Oil & Gas Resource

Policies

Mineral Safeguarding and Consultation Areas (DM13)

 Sand and Gravel
 Sherwood Sandstone
 Alluvial Sand and Gravel
 Limestone
 Brick Clay
 Gypsum
 Surface Coal


Sites

◆ Permitted Sites (MP2-4, 6-8 and 10)
 ● New Sites and Extensions (MP2,3,6 and 7)
 ● Archaeological Resource Area (DM6)



Site Codes

SG = Sand and Gravel
 SS = Sherwood Sandstone
 LS = Limestone
 BC = Brick Clay
 GY = Gypsum
 SL = Silica Sand
 BS = Building Stone




Airfield Safeguarding (DM12)

● Airfields
 Safeguarding Areas

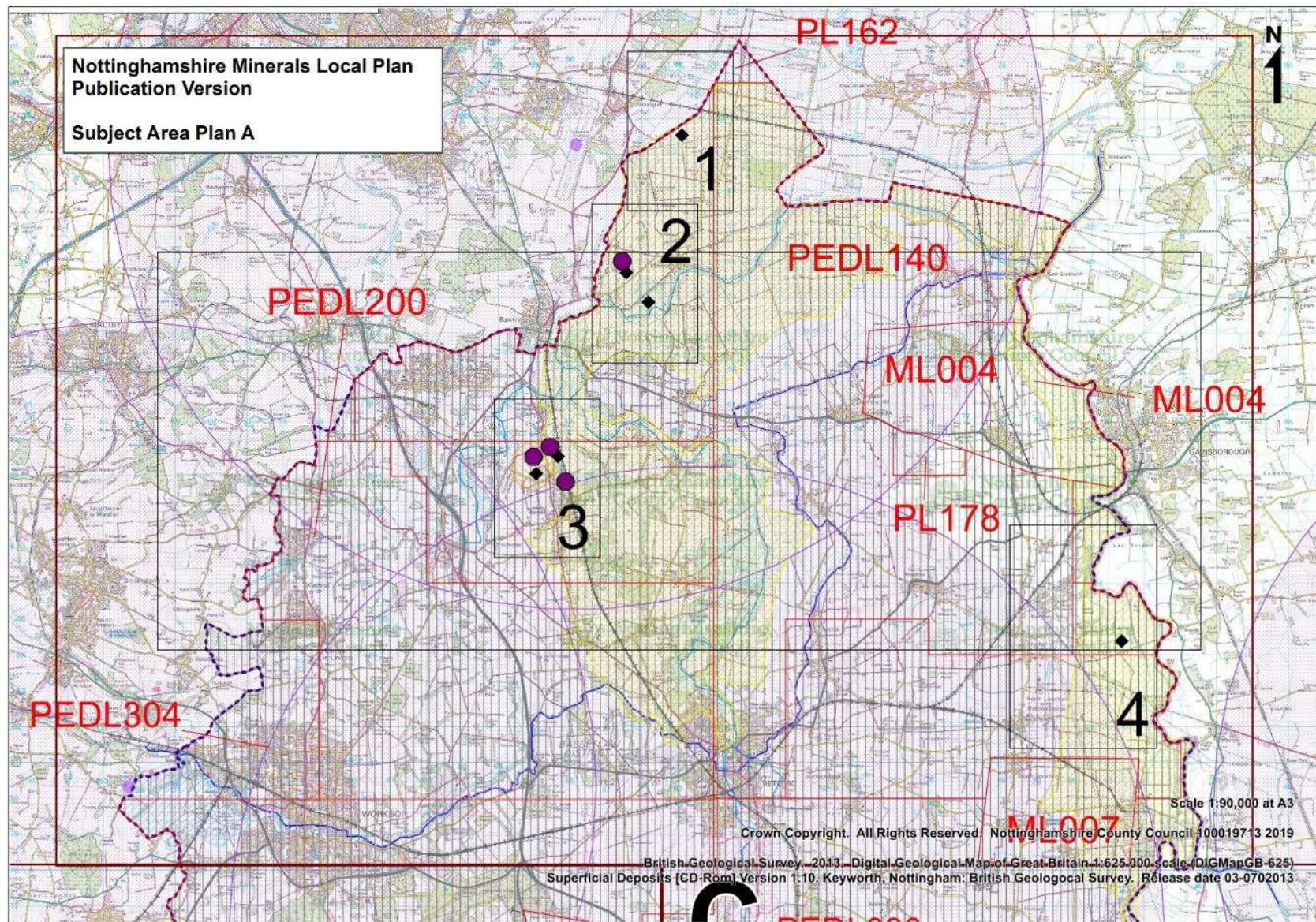
Insets - additional features

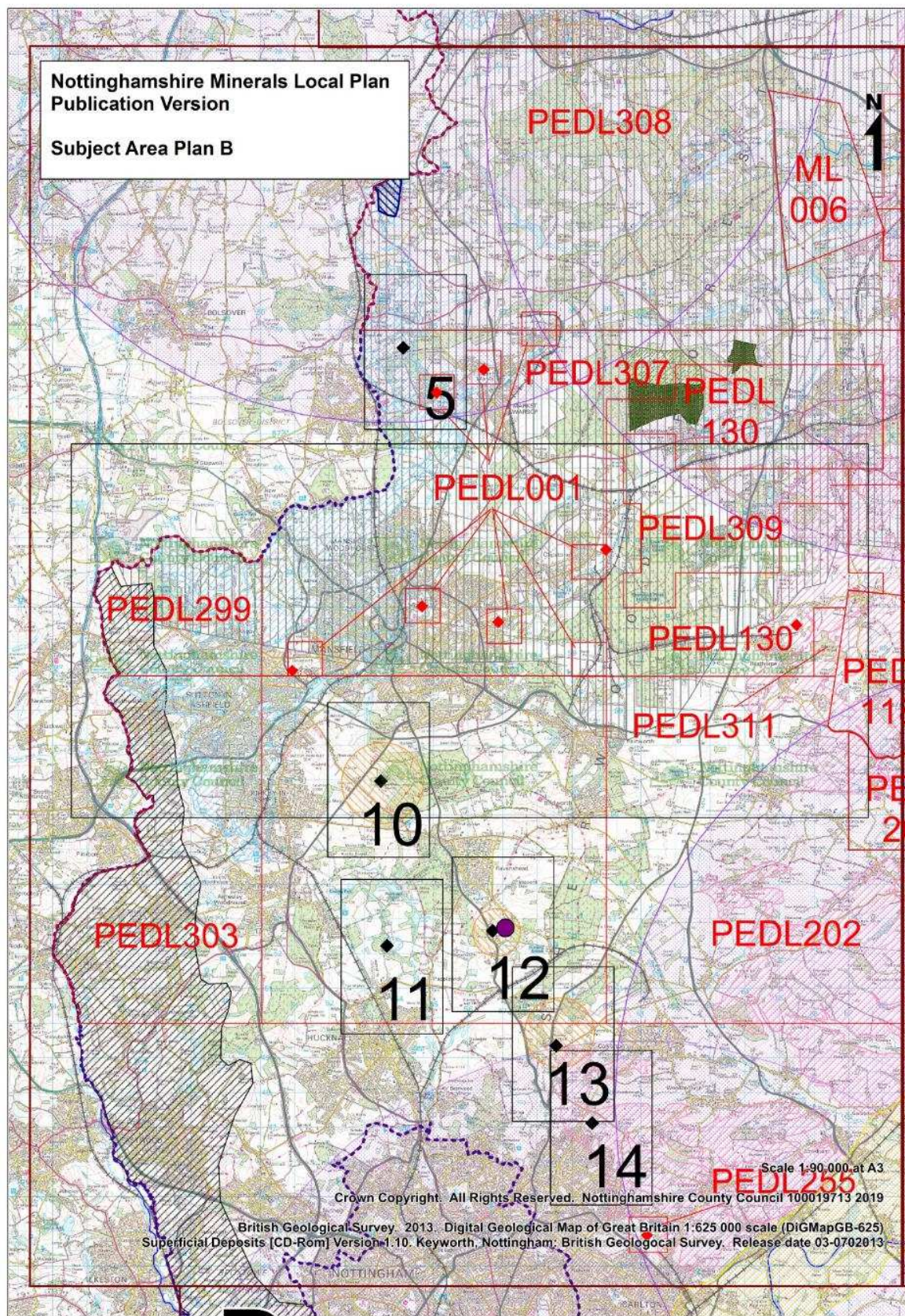
 New Sites and Extensions (MP2,3,6 and 7)
 Archaeological Resource Area (DM6)

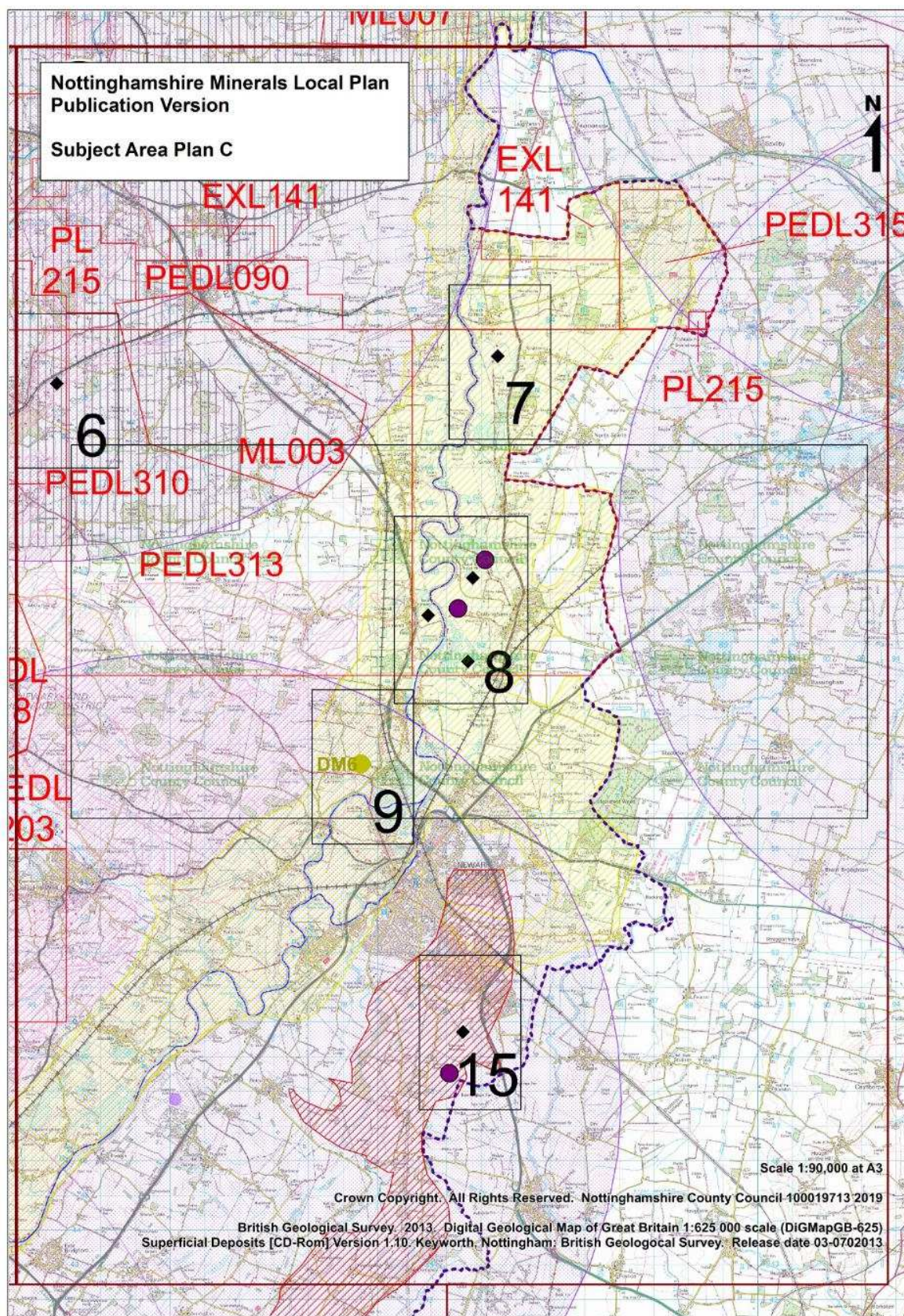
Environmental Designations

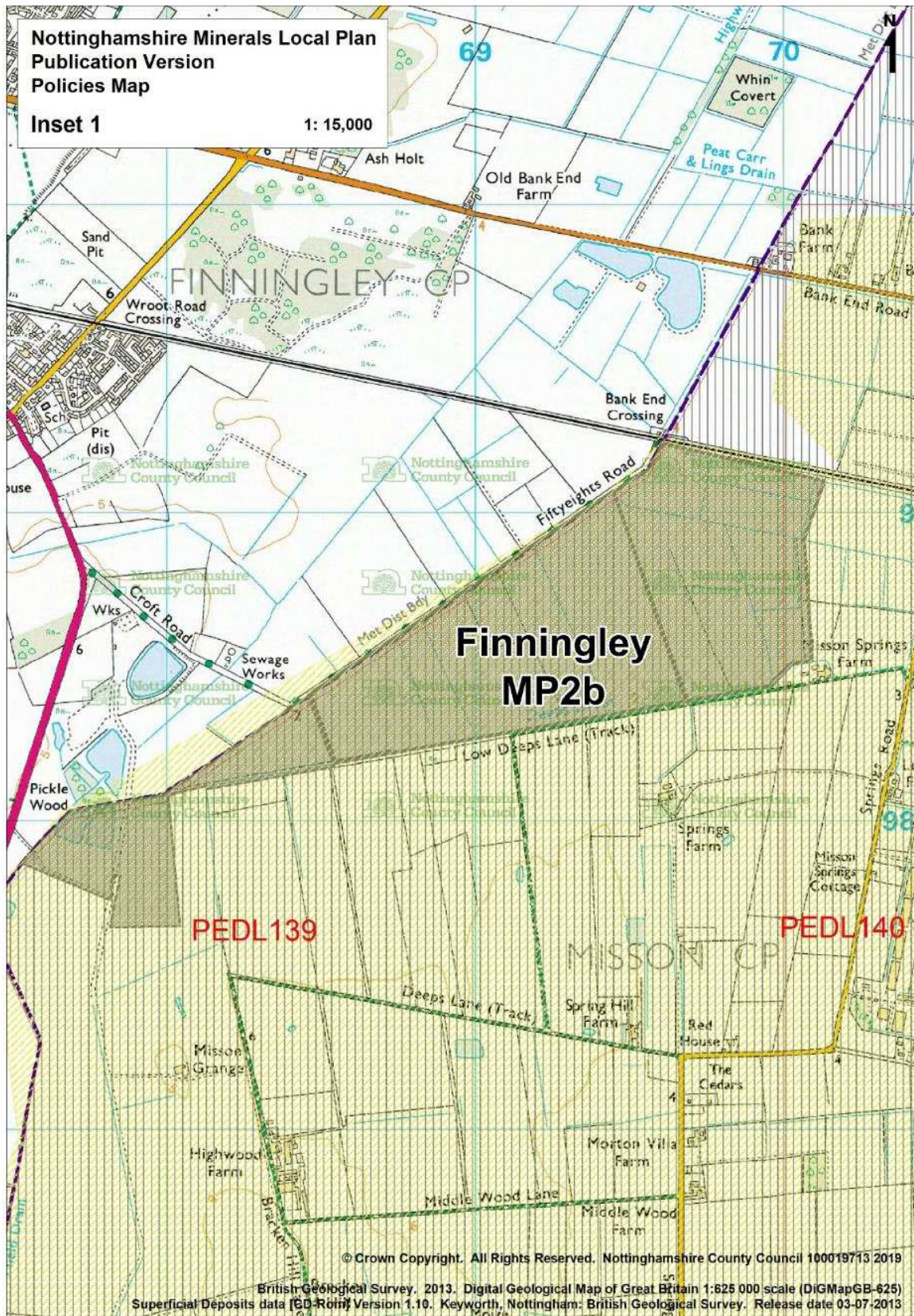
 Site of Special Scientific Interest (SSSI)
 LWS Geo
 LWS Bio

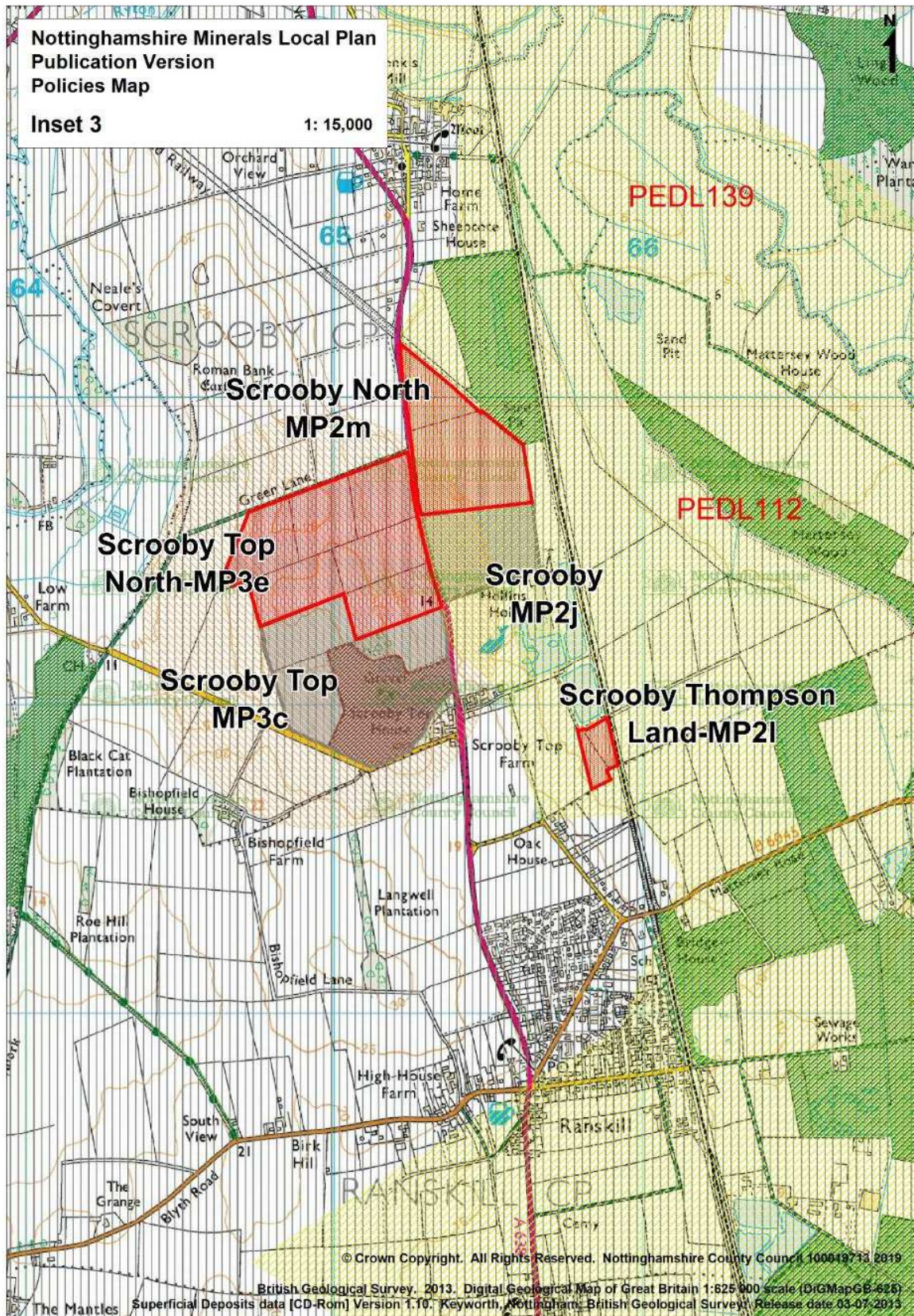


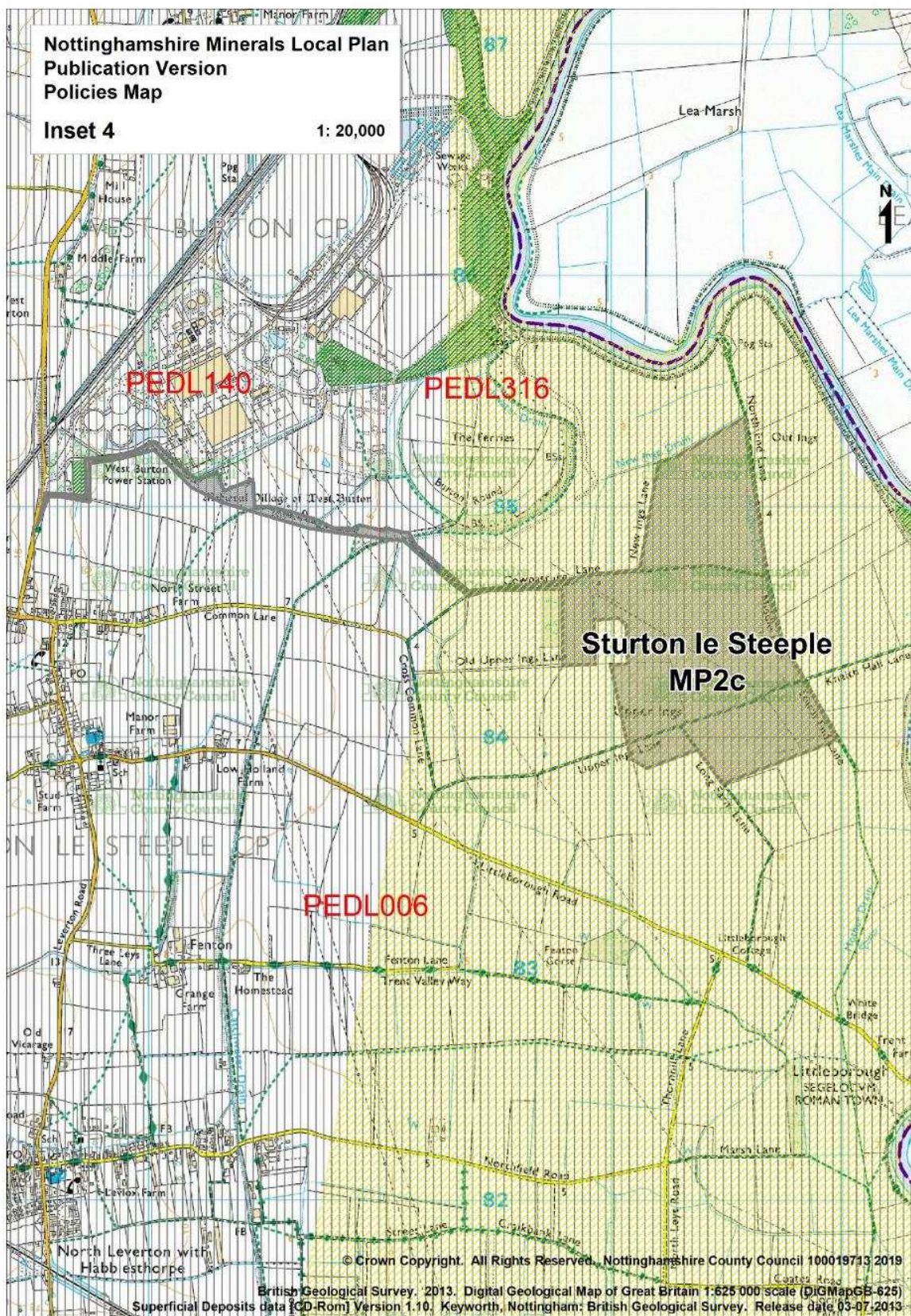


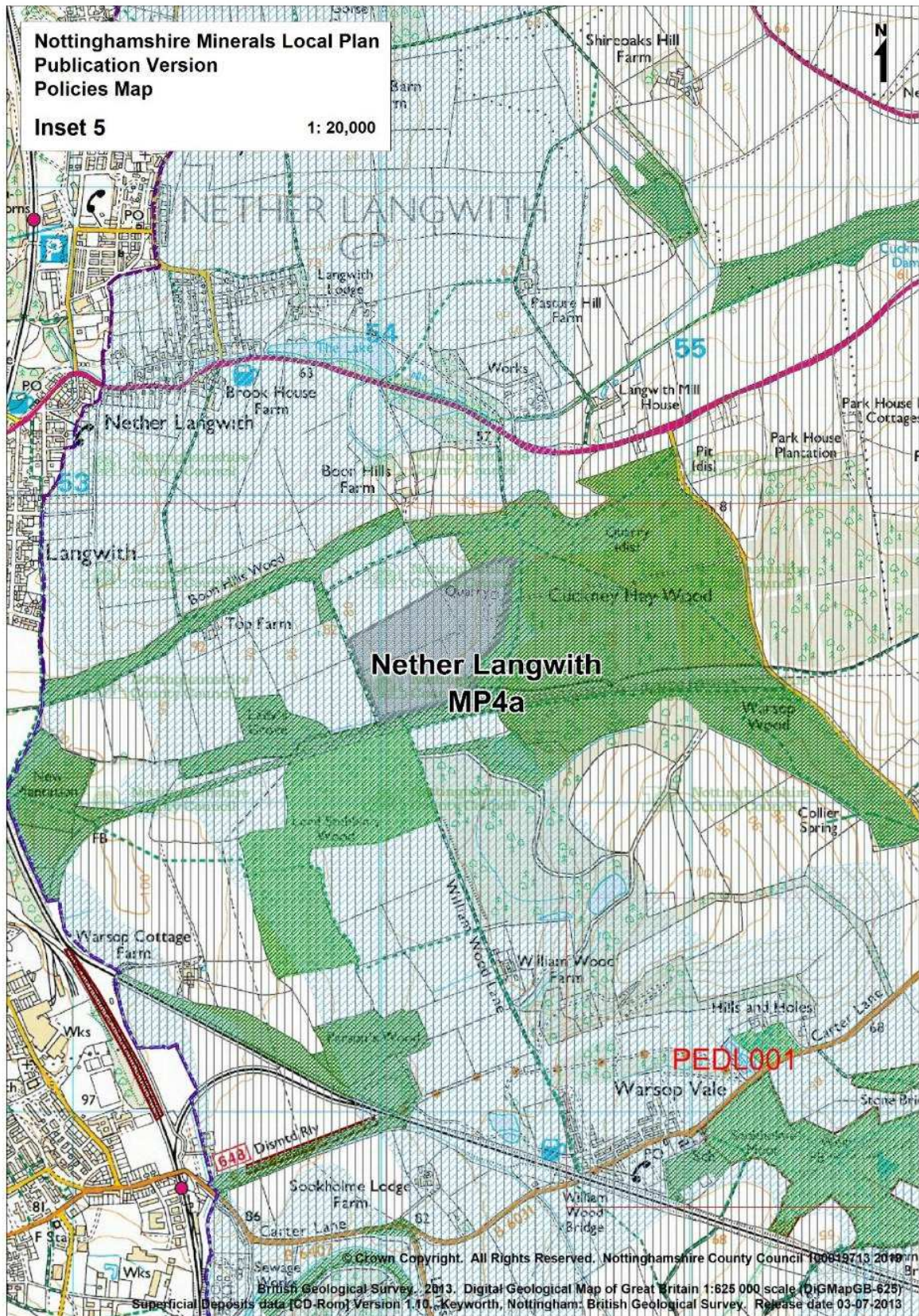


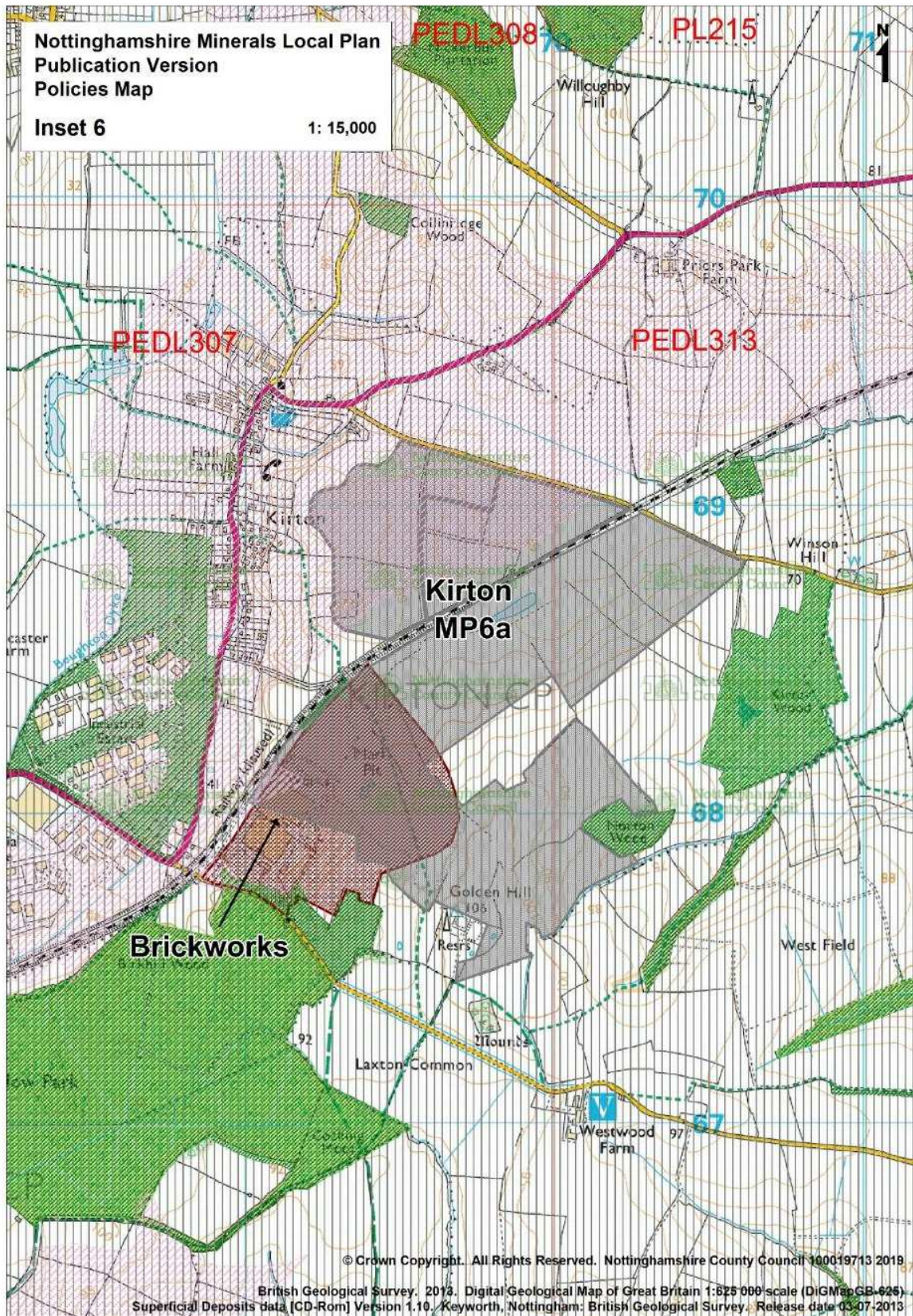




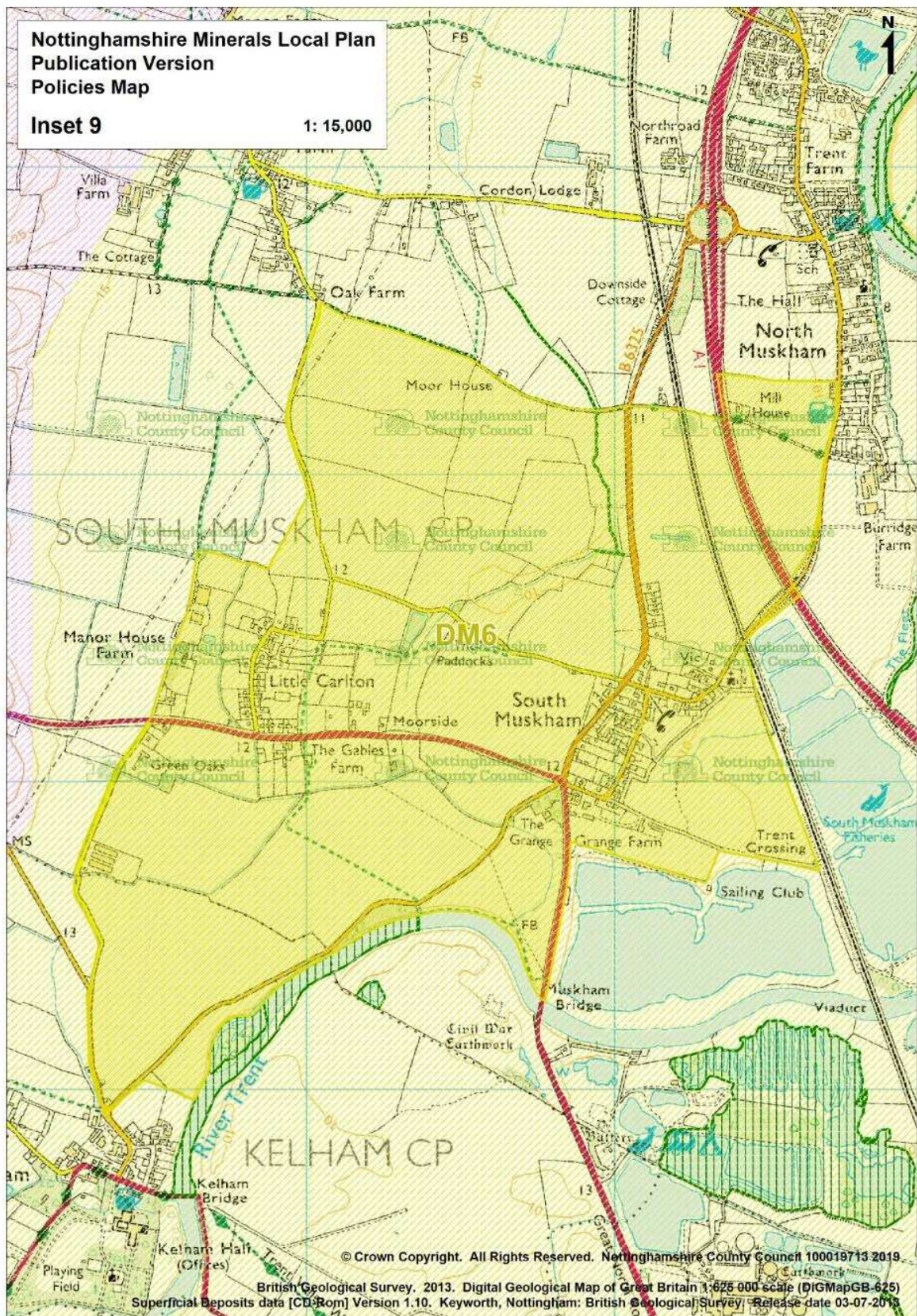


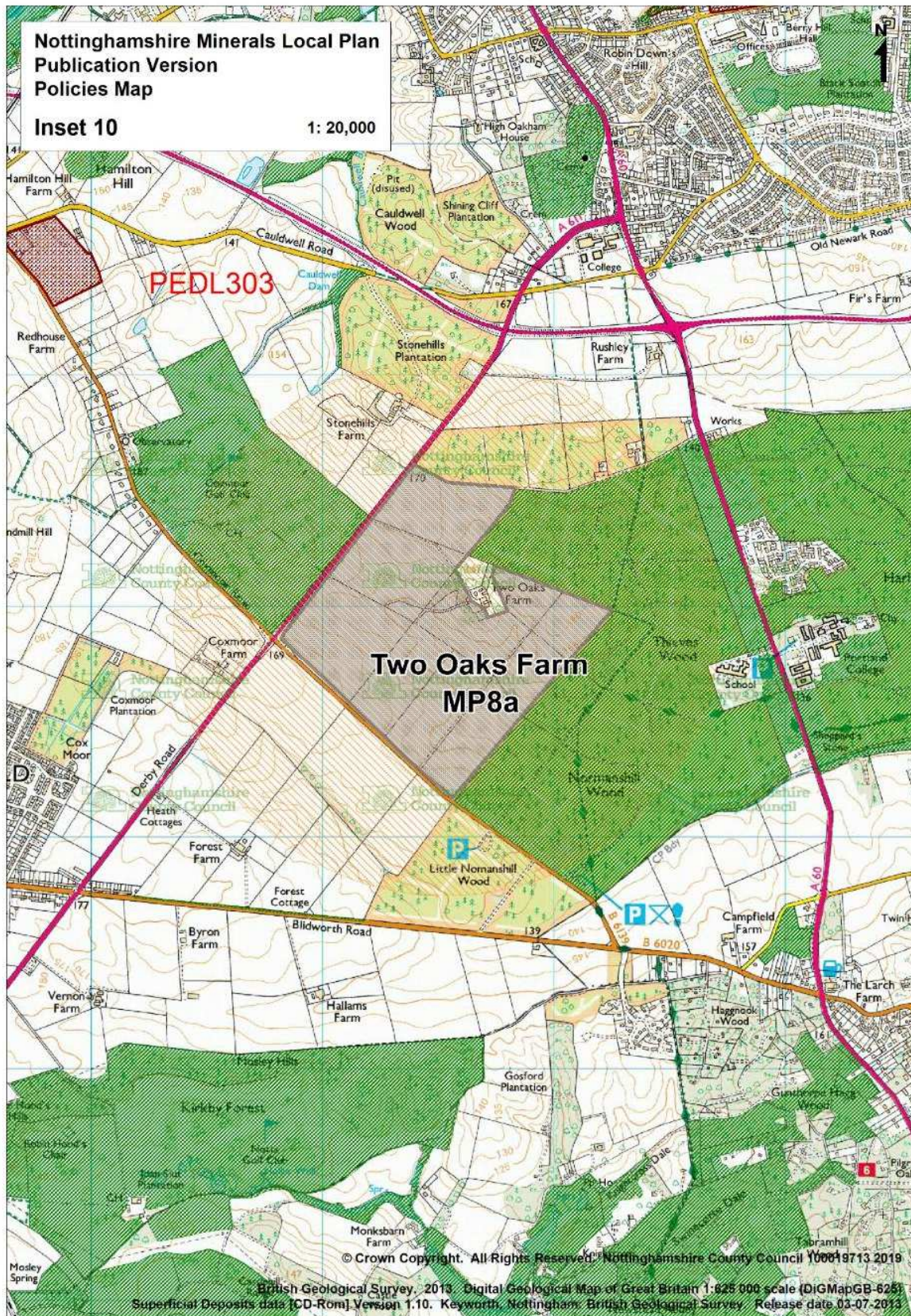


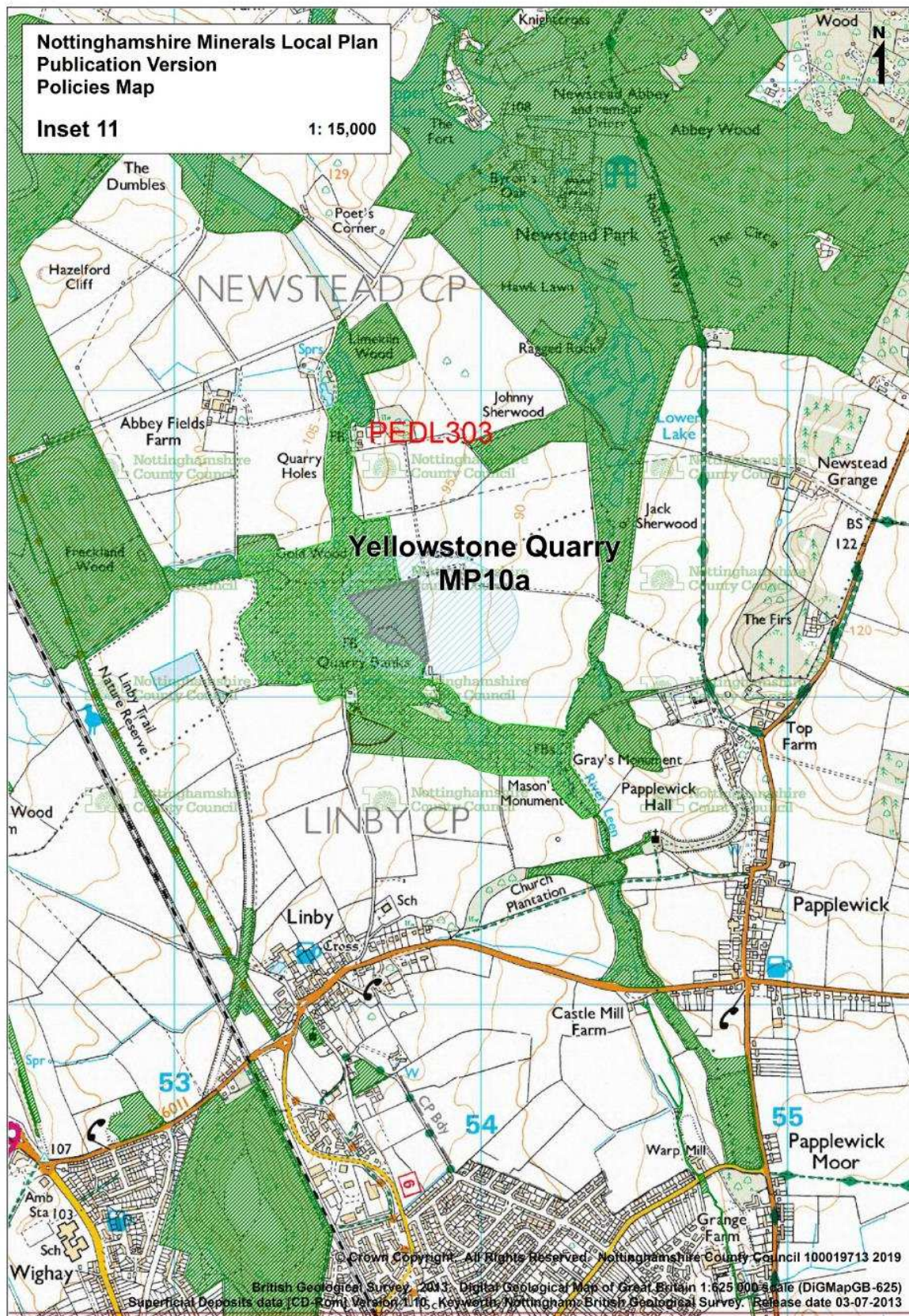


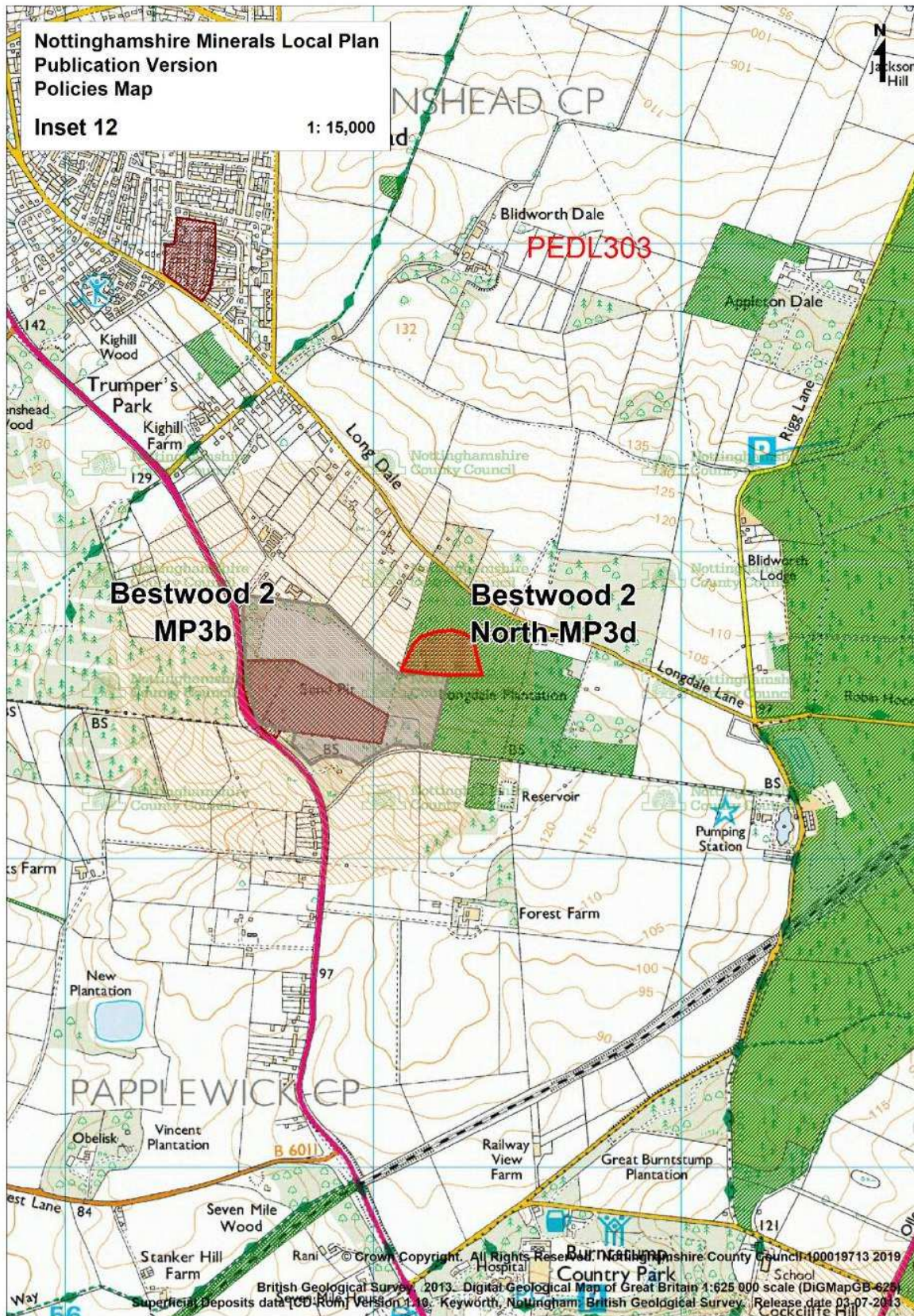


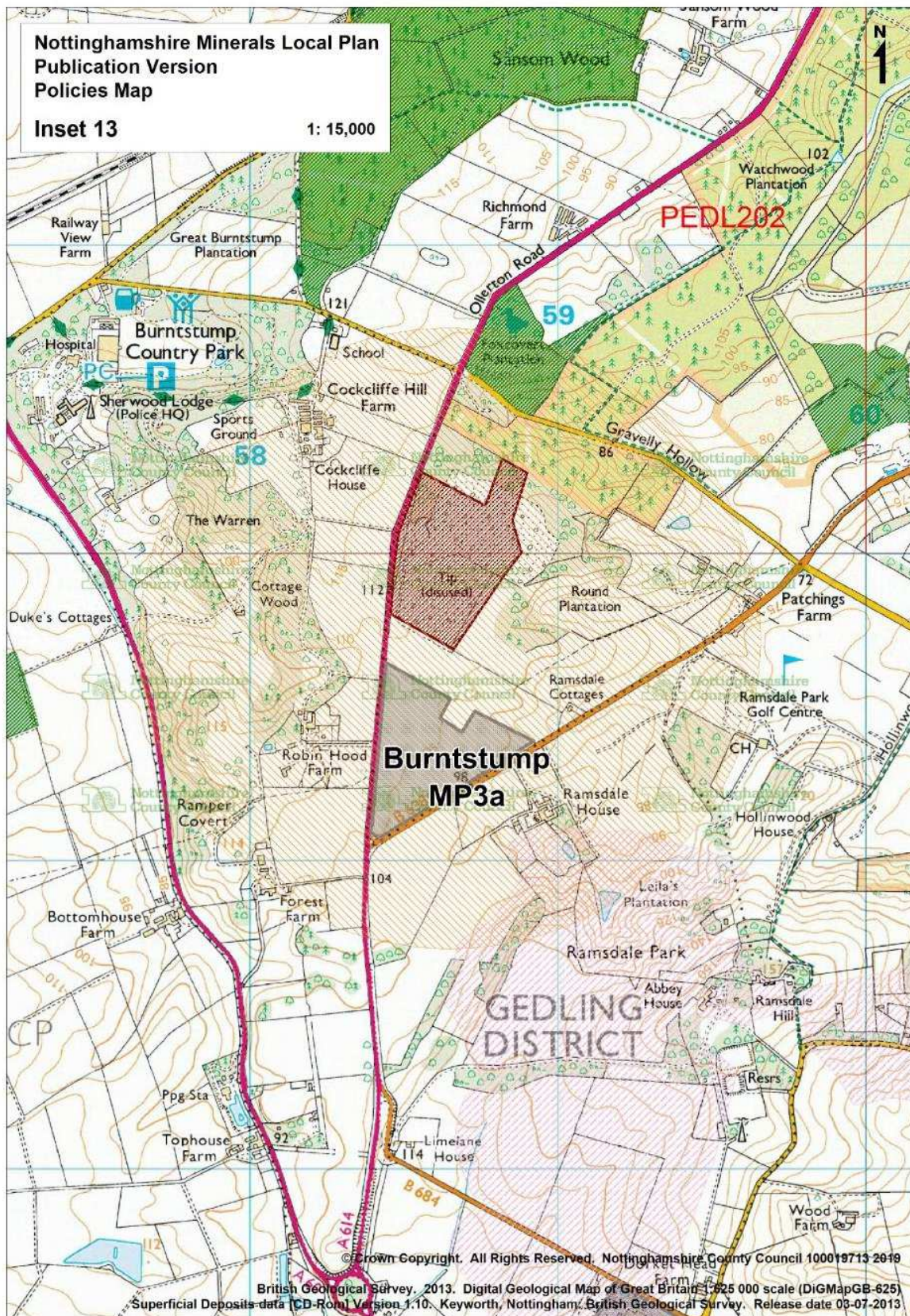


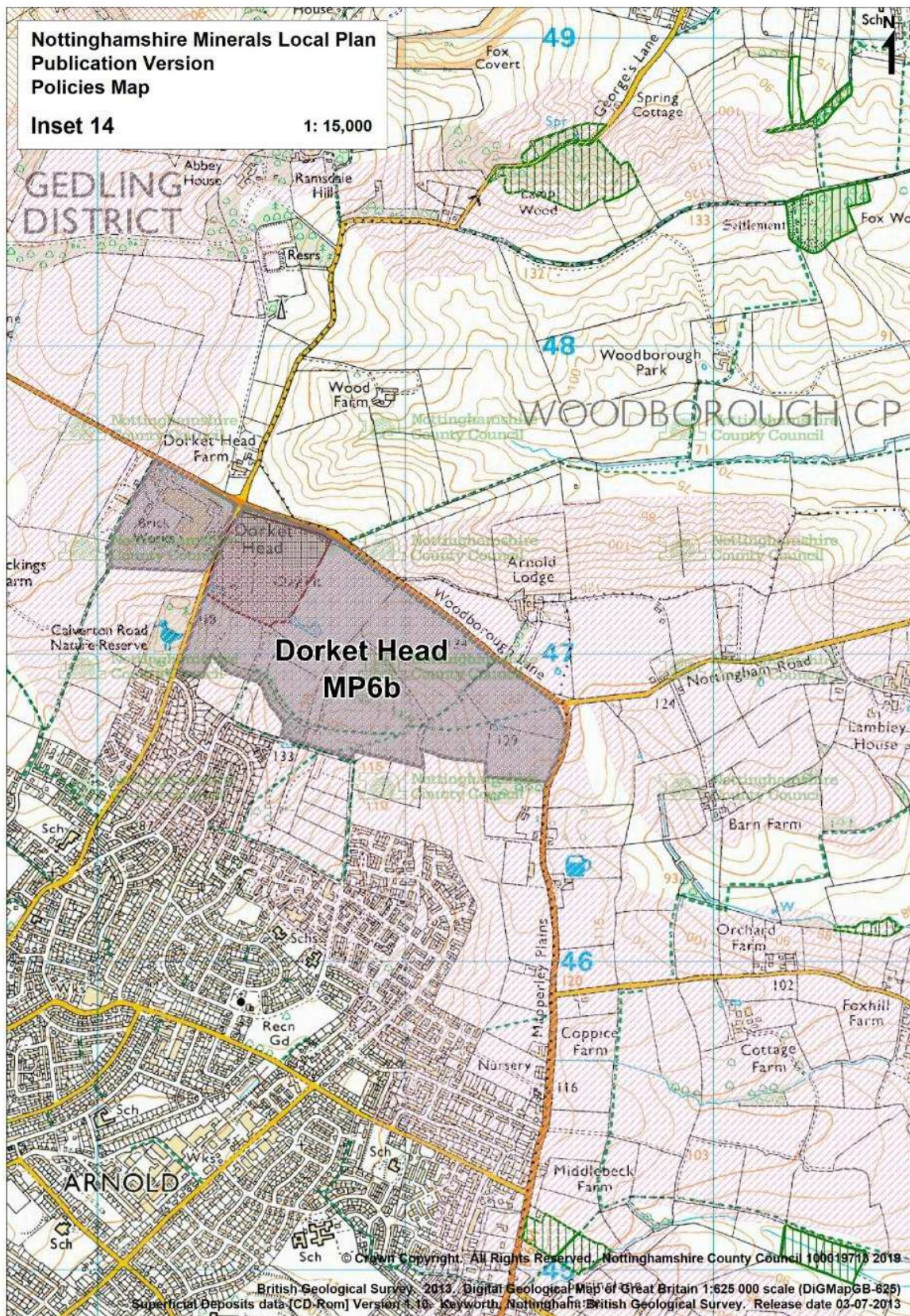


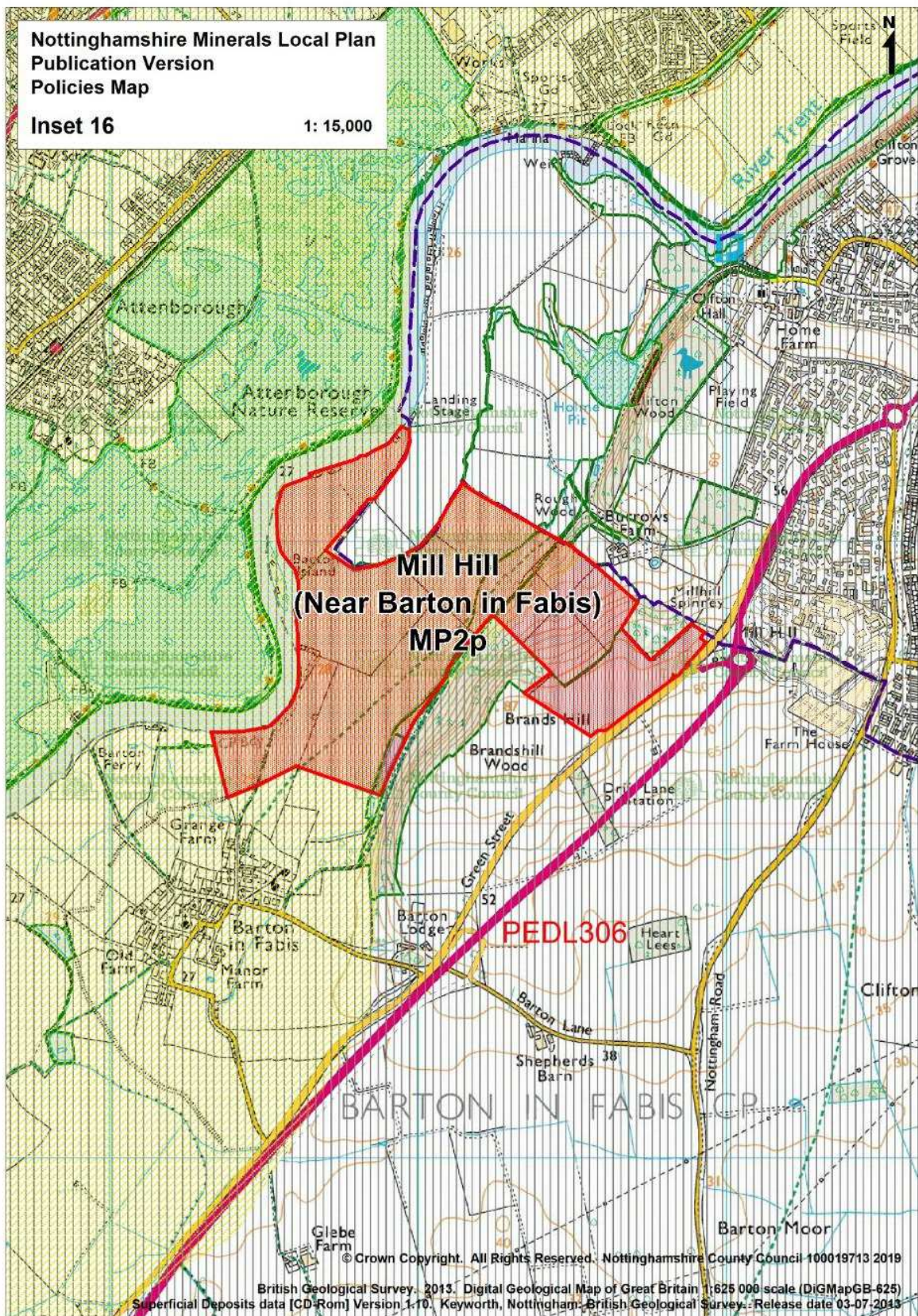


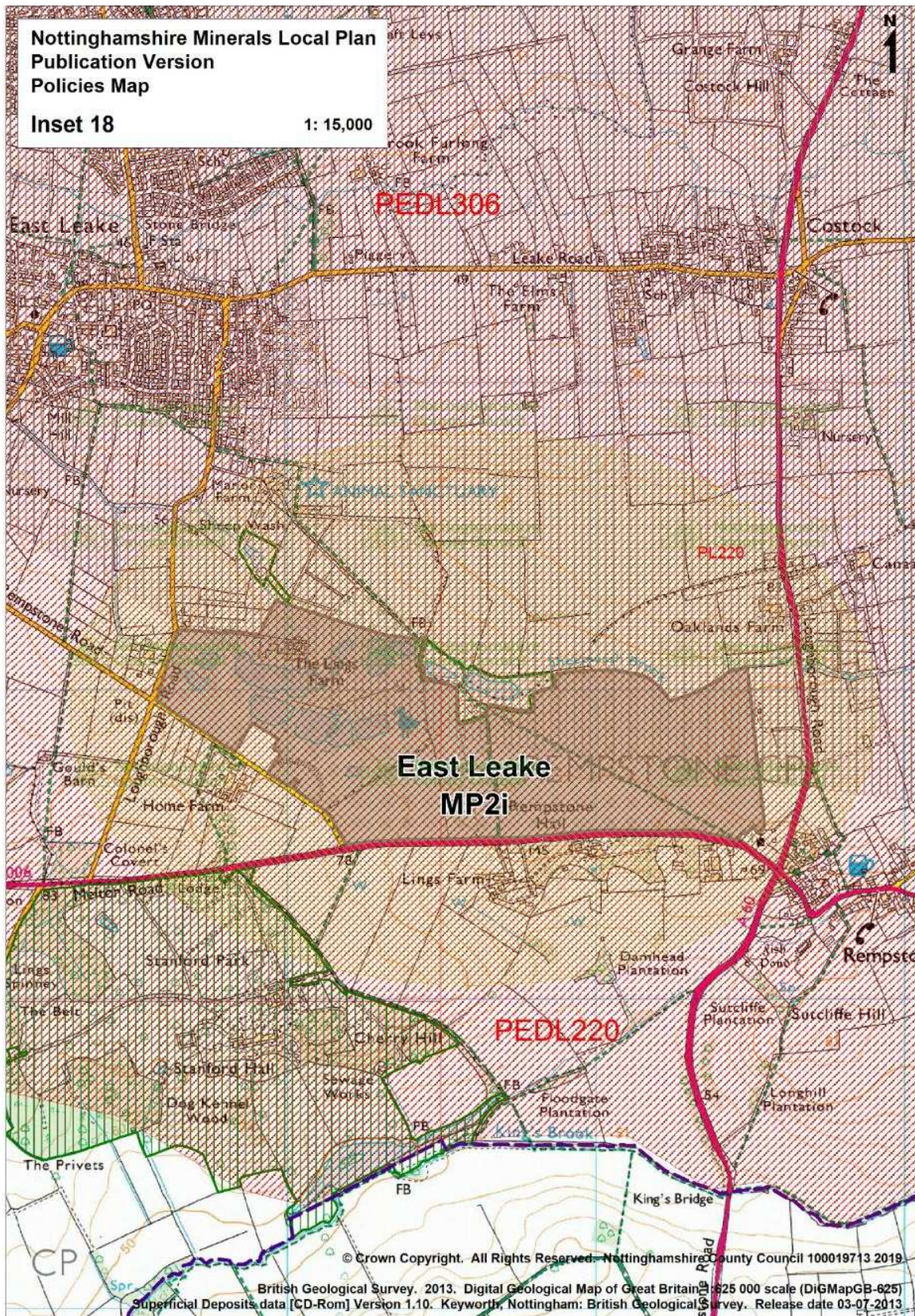












Appendix 4: Monitoring and Implementation Table

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY SP1 – MINERALS PROVISION						
Maintaining an adequate supply of mineral (SO2)	Number of planning permissions: - Allocated or not - Extension or new site 10-year and 3-year average for aggregate minerals Number of jobs created by minerals development All proposals accord with amenity and environmental protection policies	Planning application documents Planning permissions delegated or committee reports Local Aggregate Assessment	Lack of data/ monitoring method on economic trends relating to non-aggregate minerals	All applications granted satisfy the strategy for supply All applications granted meet all amenity and environmental protection policy targets	Significant number of applications approved which do not satisfy strategy for supply (more than 10%) Any amenity and environmental protection policy triggers met	Review of applications to identify why granted contrary to strategy for supply Review policy to ensure supply of mineral is maintained

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY SP2 – BIODIVERSITY LED RESTORATION						
Inter connectivity between existing habitats and restoration schemes will be achieved and the biodiversity of the County will be improved (SO6)	<p>Number of planning permissions with biodiversity-led restoration schemes</p> <p>Number of planning permissions granted contrary to advice from:</p> <ul style="list-style-type: none"> - Natural England - Environment Agency <p>Area of habitat loss, gain and net-gain/loss (including Habitats of Principal Importance, LBAP habitats and designated sites)</p>	Planning permissions decision notices and delegated or committee reports	<p>Lack of detail in restoration schemes to identify if biodiversity-led</p> <p>Lack of data available on biodiversity and Water Framework Directive targets</p>	<p>All applications granted have biodiversity-led restoration scheme</p> <p>Increase in habitat creation/ improvement in local biodiversity and Water Framework Directive targets</p>	<p>Significant number of applications approved which do not have a biodiversity-led restoration scheme (more than 10%)</p> <p>Significant decrease in biodiversity /Water Framework Directive targets being met</p>	<p>Review application to identify reasons for non-biodiversity-led restoration.</p> <p>Review policy and site development briefs to ensure the biodiversity-led strategy is given greater priority (where appropriate)</p>

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY SP3 – CLIMATE CHANGE						
New proposals will be resilient to the impacts of climate change (SO3)	<p>Number of planning permissions judged to have an unacceptable impact on climate change</p> <p>Number of planning permission including climate change minimisation and or mitigation measures</p>	<p>Planning application documents</p> <p>Planning permissions delegated or committee reports</p>	Local climate change impacts are difficult to measure	<p>No applications granted that identify: - unacceptable climate change impacts – do not include climate change adaptation measures where applicable</p>	<p>Significant number of applications approved which identify unacceptable climate change impacts (more than 10%)</p> <p>Significant number of applications approved which do not include climate change adaptation measures where applicable (more than 10%)</p>	<p>Review of application to identify circumstances of decision</p> <p>Review policy to ensure impacts on climate change are considered in more depth</p>
POLICY SP4 – SUSTAINABLE TRANSPORT						
Non-road transport for new/extended mineral sites (SO1, SO3, SO5)	<p>Number of planning permissions using alternatives to road transport</p> <p>Number of planning permission granted contrary to advice from: - Highways England - Highways Authority</p>	Planning permissions decision notices and delegated or committee reports	Lack of data in notices/ reports on sustainable transport	<p>All applications granted include an element of non-road transport.</p> <p>Road transport distances/ use is minimised</p> <p>All applications granted fully mitigate any transport impacts</p>	Significant number of applications granted contrary to advice from those set out in performance indicator (more than 10%)	<p>Review applications to identify why sustainable transport methods were not utilised/ maximised</p> <p>Review policy to ensure sustainable transport is given greater priority in decision making</p>

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY SP5 – THE BUILT, HISTORIC AND NATURAL ENVIRONMENT						
To protect and enhance the built and natural environment from adverse developmental impacts (SO6, SO7)	<p>Number of planning applications granted contrary advice from:</p> <ul style="list-style-type: none"> - Natural England - Historic England - Environment Agency - Environmental Health Officer <p>Changes in environmental/ amenity indicators (including all criteria in policy) for the County</p>	Planning permissions delegated or committee reports	Lack of contextual data and on links between available data on County environment context and minerals development	All applications granted protect and enhance environmental/ amenity quality.	Significant number of applications approved contrary to advice from those set out in performance indicator (more than 10%)	Review policy to ensure that environmental/ amenity protection and enhancement is strengthened
POLICY SP6 – THE NOTTINGHAMSHIRE GREEN BELT						
To ensure new minerals development does not compromise the openness and purpose of land within the Green Belt (SO6)	Number of planning applications granted within the Green Belt where restoration does not maintain the openness and purpose of the Green Belt	Planning permissions delegated or committee reports	Restoration schemes may be subject to variation prior to implementation	All applications granted in Green Belt include restoration that maintains the openness and purpose of the Green Belt	Any planning permissions granted in the Green Belt with restoration schemes which do not maintain the openness and purpose of the Green Belt	Review policy to ensure greater priority given to maintenance of openness and purpose of Green Belt in restoration schemes

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY SP7 – MINERALS SAFEGUARDING, CONSULTATION AREAS AND ASSOCIATED MINERALS INFRASTRUCTURE						
To prevent mineral sterilisation and preserve the mineral for future use (SO1, SO2, SO3, SO4)	Number of planning permissions for non-mineral development granted by the Local Planning Authority contrary to the Minerals Planning Authority's advice.	Mineral Planning Authority observations on non-minerals development. Local Planning Authority records	Only applications where Minerals Planning Authority has been consulted will be recorded	No applications for non-minerals development granted where mineral safeguarding objection raised	Permission for non-minerals development granted where objection raised on mineral safeguarding grounds	Review reasons for approval Review policy if necessary given reasons found above
POLICY MP1: AGGREGATE PROVISION						
Maintaining an adequate supply of mineral (SO2)	Planning permissions consistent with MP2, MP3 and MP4	As per MP2, MP3 and MP4	As per MP2, MP3 and MP4	Achievement of MP2, MP3 and MP4 targets	Any of MP2, MP3 or MP4 triggers met	Review MP2, MP3 or MP4 as appropriate Review of MP1 if necessary
POLICY MP2: SAND AND GRAVEL PROVISION						
To maintain an adequate supply of sand and gravel to meet the 7-year landbank requirement (SO2)	Number of planning applications granted on non-allocated sites Size of landbank and production figure	Planning permissions decision notices and delegated or committee reports Local Aggregates Assessment	-	Maintenance of landbank and annual production consistent with apportionment Planning permissions consistent with allocations	Landbank more than 10% below requirement Permission granted on non-allocated land	Review Local Aggregate Assessment for possible explanation Review of allocations
POLICY MP3: SHERWOOD SANDSTONE PROVISION						
To maintain an adequate supply of Sherwood sandstone to meet the 7-year landbank requirement (SO2)	Number of planning applications granted on non-allocated sites Size of landbank and production figure	Planning permissions decision notices and delegated or committee reports Local Aggregates Assessment	-	Maintenance of landbank and annual production consistent with apportionment Planning permissions consistent with allocations	Landbank more than 10% below requirement Permission granted on non-allocated land	Review Local Aggregate Assessment for possible explanation Review of allocations

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY MP4: LIMESTONE PROVISION						
To maintain an adequate supply of limestone to meet the 10-year landbank Requirement (SO2)	Number of planning applications granted on non-allocated sites Size of landbank and production figure	Planning permissions decision notices and delegated or committee reports Local Aggregates Assessment	-	Maintenance of landbank and annual production consistent with apportionment Planning permissions consistent with allocations	Landbank more than 10% below requirement Permission granted on non-allocated land	Review Local Aggregate Assessment for possible explanation Review of allocations
POLICY MP5: SECONDARY AND RECYCLED AGGREGATES						
Maintaining an adequate supply of mineral and encourage the use of secondary and recycled minerals (SO1, SO2)	Annual production of recycled and secondary aggregates and percentage this represents of overall aggregate production Number of planning applications granted for aggregate or other mineral recycling plants	Minerals Product Association Sustainability Report Waste Planning Authority planning applications records	Lack of local data	Increase production/ consumption of recycled and secondary aggregates	Decrease in production/ consumption of recycled and secondary aggregates	Review policy to give greater priority to increasing production/ consumption of recycled and secondary aggregates
POLICY MP6: BRICK CLAY PROVISION						
To maintain an adequate supply of brickclay to meet the 25-year landbank requirement (SO2)	Number of planning applications granted on non-allocated sites Size of landbank per site	Planning permissions decision notices and delegated or committee reports Minerals Local Plan (for baseline)	Landbank figure will be an estimate	Maintenance of landbank per site All planning permissions consistent with allocations or policy criteria	Landbank more than 10% below requirement Permission granted on non-allocated land where policy criteria not met	Review policy and allocations
POLICY MP7: GYPSUM PROVISION						
Maintaining an adequate supply of mineral (SO2)	Number of planning permissions consistent with allocations or policy criteria	Planning permissions decision notices and delegated or committee reports	-	All planning permissions consistent with allocations or policy criteria	Permission granted on non-allocated land where policy criteria not met	Review policy and allocations

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY MP8: SILICA SAND PROVISION						
To maintain an adequate supply of silica sand to meet the 10-year landbank requirement (SO2)	Number of planning permissions consistent with allocations or policy criteria Size of landbank	Planning permissions decision notices and delegated or committee reports Minerals Local Plan (for baseline)	Landbank figure will be an estimate	Maintenance of landbank Planning permissions consistent with policy criteria	Permission granted on non-allocated land where policy criteria not met	Review policy and allocations
POLICY MP9: INDUSTRIAL DOLOMITE PROVISION						
Maintaining an adequate supply of mineral for the international market (SO2)	Number of planning permissions consistent with allocations or policy criteria	Planning permissions decision notices and delegated or committee reports	-	All planning permissions consistent with allocations or policy criteria	Permission granted on non-allocated land where policy criteria not met	Review policy and allocations
POLICY MP10: BUILDING STONE PROVISION						
Maintaining an adequate supply of mineral and preserve and enhance local historic distinctiveness (SO2, SO7)	Number of planning permissions consistent with allocations or policy criteria	Planning permissions decision notices and delegated or committee reports	-	All planning permissions consistent with allocations or policy criteria	Permission granted on non-allocated land where policy criteria not met	Review policy and allocations
POLICY MP11: COAL						
Maintaining an adequate supply of mineral (SO2)	Number of planning permissions consistent with policy criteria Number of planning applications granted contrary to advice from: - Natural England - Historic England - Environment Agency - Environmental Health Officer	Planning permissions decision notices and delegated or committee reports	-	All planning permissions consistent with policy criteria	Permission granted where policy criteria not met Significant number of applications approved contrary to advice from those set out in performance indicator (more than 10%)	Review policy to address criteria that were not met in permissions

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY MP12: HYDROCARBON MINERALS						
Maintaining an adequate supply of mineral (SO2)	<p>Number of planning permissions consistent with policy criteria</p> <p>Number of planning applications granted contrary advice from:</p> <ul style="list-style-type: none"> - Natural England - Historic England - Environment Agency - Environmental Health Officer - Health and Safety Executive 	<p>Planning permissions decision notices and delegated or committee reports</p>	-	All planning permissions consistent with policy criteria	<p>Permission granted where policy criteria not met</p> <p>Significant number of applications approved contrary to advice from those set out in performance indicator (more than 10%)</p>	Review policy to address criteria that were not met in permissions
DM1: PROTECTING LOCAL AMENITY						
Providing a good standard of amenity and protecting from adverse developmental impacts (SO5)	<p>Number of planning applications granted contrary to advice from:</p> <ul style="list-style-type: none"> - Environment Agency - Environmental Health Officer - Public Health England - Highways Authority <p>Number of substantiated complaints received regarding minerals developments</p>	<p>Planning permissions decision notices and delegated or committee reports</p> <p>Minerals Planning Authority Monitoring and Enforcement Team complaints records</p>	Reliant on professional opinions/ assessments of impacts and discussion of these in reports/notices	All planning permissions have no adverse impact on the elements set out in the policy	Number of planning permission granted which identify unacceptable impacts on local amenity (measured through grants contrary to advice from those set out in performance indicator) (>0)	Review policy to address criteria that were not met in permissions

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY DM2: WATER RESOURCES AND FLOOD RISK						
To protect water resources and protect from flooding (SO3, SO6)	<p>Number of planning applications granted contrary to Environment Agency advice on flooding and water quality/provision grounds</p> <p>Number of planning applications granted which include flood alleviation benefits</p> <p>Number of planning applications granted which include SuDS</p>	<p>Planning application documents</p> <p>Planning permissions decision notices and delegated or committee reports</p>	Reliant on discussion of these elements in reports/ notices	No planning permissions have detrimental impact on water resources and unacceptable impact on flooding	Number of planning permissions granted contrary to Environment Agency advice (>0)	<p>Review reasons for granting permission contrary to advice</p> <p>Review policy</p>
POLICY DM3: AGRICULTURAL LAND AND SOIL QUALITY						
To provide for the conservation of the best and most versatile agricultural land and to provide for the conservation of soil resources (SO8)	<p>Area of best and most versatile agricultural land lost</p> <p>Number of planning applications granted contrary to advice from: - Natural England advice on best and most versatile agricultural land</p>	<p>Natural England</p> <p>Planning permissions decision notices and delegated or committee reports</p>	Limited to infrequent national level data, which will reflect land lost to all development, not just minerals	<p>All minerals development directed to the lowest grade of agricultural land possible</p> <p>No planning permissions have detrimental impact on soil quality</p>	Significant number of applications approved contrary to advice from those set out in performance indicator (more than 10%)	<p>Review reason for approval</p> <p>Review policy</p>

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY DM4: PROTECTION AND ENHANCEMENT OF BIODIVERSITY AND GEODIVERSITY						
To protect and enhance the biodiversity and geodiversity of Nottinghamshire from adverse developmental impacts (SO3, SO6)	<p>Significant adverse change in biodiversity and geodiversity assets in the County</p> <p>Number of planning applications granted contrary to Natural England advice</p> <p>Area of habitat loss, gain and net-gain/loss (including Habitats of Principal Importance, LBAP habitats and designated sites)</p>	<p>Natural England, Local Biodiversity Action Plans</p> <p>Planning permissions decision notices and delegated or committee reports</p>	No data on direct links between mineral workings and changes in habitat/ biodiversity	<p>No planning permissions result in adverse impact on biodiversity/ geodiversity</p> <p>All planning permissions bring about enhancements to biodiversity/ geodiversity</p>	<p>Significant number of applications approved contrary to advice from Natural England (more than 10%)</p> <p>Decrease in biodiversity targets being met</p>	Review policy to give greater priority to protection and enhancement to biodiversity/ geodiversity
POLICY DM5: LANDSCAPE CHARACTER						
To maintain, protect and enhance the character and distinctiveness of the landscape (SO6, SO8)	<p>Number of planning applications granted contrary to advice from:</p> <ul style="list-style-type: none"> - Natural England 	Planning permissions decision notices and delegated or committee reports and decision notices	Reliant on professional opinions/ assessments of impacts and discussion of these in reports/notices	All planning permissions have no adverse impact as set out in the policy	Significant number of applications approved contrary to advice from those set out in performance indicator (more than 10%)	<p>Review reasons for granting permission contrary to advice</p> <p>Review policy</p>

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY DM6: HISTORIC ENVIRONMENT						
To conserve important heritage assets (SO7)	Number of planning applications granted contrary to advice from: - Historic England Number of planning applications granted subject to a watching brief for archaeology	Planning permissions decision notices and delegated or committee reports	Reliant on professional opinions/ assessments of impacts and discussion of these in reports/notices	All planning permissions have no adverse impact as set out in the policy	Significant number of applications approved contrary to advice from those set out in performance indicator (more than 10%)	Review reasons for granting permission contrary to advice Review policy
POLICY DM7: PUBLIC ACCESS						
To prevent negative impacts on existing public access routes and improve and enhance the Rights of Way network where possible (SO5, SO6)	Number of planning permissions involving the permanent loss of a Right of Way Number of planning permissions securing additional Rights of Way through restoration	Planning permissions decision notices and delegated or committee reports	-	All planning permissions have no adverse impact on Rights of Way and increase public access through restoration (where appropriate)	Significant number of applications approved contrary to advice Countryside Access Team (more than 10%) Planning permission granted resulting in permanent loss of Right of Way	Review reasons for loss of Right of Way Review policy
POLICY DM8: CUMULATIVE IMPACT						
Prevention of negative cumulative impacts (SO1, SO3, SO5, SO6, SO7, SO8)	Number of planning applications granted despite unacceptable cumulative impacts	Planning permissions decision notices and delegated or committee reports	Reliant on discussion of cumulative impact in reports/notices	No unacceptable cumulative impacts arise from minerals development	Planning permissions granted that give rise to unacceptable cumulative impact	Review policy to strengthen cumulative impact assessment

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY DM9: HIGHWAYS SAFETY AND VEHICLE MOVEMENTS/ ROUTEING						
Improved highway safety and appropriate routeing schemes (SO1, SO3, SO5, SO6, SO7)	Planning applications granted contrary to advice from: - Highways England - Highways Authority	Planning permissions decision notices and delegated or committee reports	-	All planning permissions consistent with policy criteria	Significant number of applications approved contrary to advice from those set out in performance indicator (more than 10%)	Review policy to address criteria that were not met in permissions
POLICY DM10: AIRPORT SAFEGUARDING						
Risk to air safety is minimised (SO1, SO5)	Number of planning applications granted contrary to advice from airfields	Planning permissions decision notices and delegated or committee reports	No overseeing body, therefore advice will be on an air-field by air-field basis and could be inconsistent	No applications permitted against airfield advice	Permission granted contrary to airfield advice	Review reasons for approval against advice Review policy in light of above
POLICY DM11: PLANNING OBLIGATIONS						
Requirements from development will be met (SO1, SO5)	Number of planning permissions with signed S106 agreements	Planning permissions decision notices and delegated or committee reports Minerals Planning Authority legal records	Delay between permission and signing of S106 may delay monitoring	All permissions granted with S106 where needed	Significant number of planning applications without S106 (more than 10%)	Review reason for lack of S106 If no justification, review policy

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
POLICY DM12: RESTORATION, AFTER-USE AND AFTERCARE						
Land will be reclaimed at the earliest opportunity and high-quality restoration and after care will be achieved (SO1, SO3, SO5, SO6, SO7, SO8)	<p>Number of planning applications granted contrary to advice on restoration from:</p> <ul style="list-style-type: none"> - Natural England - Environment Agency <p>Number of planning permissions involving importation of waste meeting criteria in policy</p>	Planning permissions decision notices and delegated or committee reports	-	All applications granted subject to restoration scheme that satisfies all policy criteria	<p>Significant number of applications approved contrary to advice from those set out in performance indicator (more than 10%)</p> <p>Significant number of applications involving importation of waste approved contrary to policy criteria (more than 10%)</p>	<p>Review reasons for approval against advice</p> <p>Review of policy to address weak areas identified</p>
POLICY DM13: INCIDENTAL MINERAL EXTRACTION						
Promotion of sustainable development and conservation of mineral resources (SO1, SO2)	Number of planning permissions assessed against this policy that are not granted permission on its grounds	Planning permissions decision notices and delegated or committee reports	-	All applications seeking mineral extraction as part of wider development are granted, subject to criteria in policy being met	Significant number of proposals being refused on grounds of this policy	<p>Review reasons for refusals</p> <p>Review policy if necessary to address refusal grounds (if appropriate)</p>
POLICY DM14: IRRIGATION LAGOONS						
To provide benefits to agricultural productivity (SO1, SO2)	Number of planning permissions for irrigation lagoons granted contrary to the criteria in the policy	Planning permissions decision notices and delegated or committee reports	-	All planning permissions consistent with policy criteria	Permission granted where policy criteria not met	<p>Review reasons for not meeting policy criteria</p> <p>Review policy</p>
POLICY DM15: BORROW PITS						

Key outcomes (Strategic Objectives)	Performance indicator	Monitoring method / source	Constraints/ risks	Target	Trigger	Further considerations/ mitigation measures
To allow for the sustainable use of minerals close to specific projects (SO1, SO2)	Number of planning permissions for borrow pits granted contrary to the criteria in the policy	Planning permissions decision notices and delegated or committee reports	-	All planning permissions consistent with policy criteria	Permission granted where policy criteria not met	Review policy
POLICY DM16: ASSOCIATED INDUSTRIAL DEVELOPMENT						
Ensuring associated development is not permitted unless linked to minerals development (SO1)	Number of planning permissions for associated industrial development that are not related/linked to life of the site	Planning permissions decision notices and delegated or committee reports	-	All planning permissions consistent with policy criteria	Permission granted where policy criteria not met	Review policy
POLICY DM18: MINERAL EXPLORATION						
To allow for exploration to determine the presence of minerals (SO1, SO2)	Number of planning applications assessed against this policy granted contrary to criteria in the policy	Planning permissions decision notices and delegated or committee reports	-	All planning permissions consistent with policy criteria	Permission granted where policy criteria not met	Review policy

