

APPENDIX 5.6 CUMULATIVE MEMORANDUM

MEMO – Cumulative Impact Assessment

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| TO | Northampton County Council (NCC), Northampton Borough Council (NBC) and Daventry District Council (DCC) | FROM | WSP |
| DATE | 24 January 2019 | CONFIDENTIALITY | Public |
| SUBJECT | Northampton North West Relief Road – Cumulative Impact Assessment | | |

1 Background and reason for request

Northamptonshire County Council (NCC) has commissioned the undertaking of an Environmental Impact Assessment (EIA) for the proposed Northampton North West Relief Road (NWRR) that will be located on land approximately 1.2km south-east of Church Brampton and immediately east of the Brampton Heath Golf Centre. An EIA Scoping Report was submitted to NCC in July 2018. The purpose of this report was to inform NCC, statutory consultees, and key stakeholders about the proposed scope of the EIA, the findings of which will be presented in the ES that will accompany the planning application.

The Scoping Report sets out the proposed approach to assessing the likely significant cumulative environmental effects. As part of the Environmental Statement, the technical assessments for each topic will consider the potential for cumulative effects in terms of the interaction and combination of environmental effects of the NWRR with committed projects and activities.

Cumulative impacts result from multiple actions on receptors and resources and over time and are generally additive or interactive (synergistic) in nature. Cumulative impacts can also be considered as impacts resulting from incremental changes caused by other past, present or reasonably foreseeable actions together with the project.

This memo has been prepared to establish an agreed approach to the methodology for identifying and assessing cumulative impacts and the committed developments which must be considered as part of the cumulative assessment. In preparing this memo, the following comments were identified within the EIA Scoping Direction received from Northampton County Council on the 18 September 2018:

- Northampton County Council: In assessing the likely effects of the development in respect of the various topics which are scoped in for Environmental Assessment consideration should be given to any cumulative impacts. If there are other permitted developments nearby which if developed could give rise to significant environmental and amenity impacts. Environmental Statement should address this possibility and the associated potential impacts.
- Northampton Borough Council: An outline application is currently under consideration for the development of the land to the south, Northampton Kings Heath SUE (Dallington Grange), reference N/2014/1429. The Environmental Statement should consider these development proposals particularly regarding the alignment of the proposed road, areas of proposed sustainable urban drainage as indicated on the submitted Masterplan, and the impacts of the proposed road, on potential future residential development particularly in relation to noise and dust during construction and impacts during the operational phase, and visual impacts.

2 Cumulative assessment methodology

There is no single widely accepted published methodology for the assessment of cumulative environmental effects. However, for this project, the cumulative assessment will follow the guidance contained in DMRB Volume 11 Section 2 Part 5 (HA 205/08)¹, and consider the nature of the affected receptor and of the impact concerned. The scope of the cumulative assessment has also been informed by best practice guidance documents including those published by Department of Communities and Local Government (DCLG) and the European Commission².

There are principally two types of cumulative impact in environmental impact assessment. These are:

- Cumulative impacts from a single project; and
- Cumulative impacts from different projects (in combination with the project being assessed).

Cumulative impacts from a single project arise from the combined action of several different environmental topic specific impacts upon a single receptor/resource. Cumulative impacts on receptors from different projects, in combination with the project being assessed, may occur because of the combined actions/operations of different projects. This can include multiple impacts of the same or similar type from different projects upon the same receptor/resource.

Guidance from the European Commission above identifies that a cumulative impact assessment should only consider those schemes that can reasonably be presumed to go ahead and for which sufficient information is available. This is usually taken to be those schemes that have the benefit of planning permission. Cumulative effects will be considered on an issue-by-issue basis and the scope of the EIA will be expanded where necessary to include them in the assessment of each topic.

For the purposes of this assessment, 'reasonably foreseeable' is interpreted to include other projects that are 'committed'. In addition, the Project team have determined that a 2km cumulative project study area is proportionate given the zone of influence of the proposed scheme. Project should therefore include:

- Trunk Road / Other Road projects which have been confirmed (i.e. gone through the statutory processes) within 2km of the proposed NWRR;
- Development projects with valid planning permissions (for which statutory EIA is a requirement or a non-statutory EIA has been undertaken) within 2km of the proposed NWRR; and
- Development projects which have submitted planning applications (for which statutory EIA is a requirement or a non-statutory EIA has been undertaken) within 2km of the proposed NWRR.

The projects which have been identified by the project team are captured within **Table 1**. **Table 1** identifies the key information about the project and assumptions regarding the temporal nature of any impacts which may occur in relation to the EIA.

¹ <http://www.standardsforhighways.co.uk/ha/standards/dmr/vol11/section2/ha20508.pdf>

² <http://ec.europa.eu/environment/archives/eia/eia-studies-and-reports/pdf/guidel.pdf>

Projects within 2km of the proposed NWRR [white cells indicate projects which have been scoped out or form part of the baseline]

| Determining Authority | Scheme Name | Planning Application Reference | Location | Grid Reference | Approx. Distance and Direction (Nearest Point) | Description | Size | Planning Permission | Local Development Plan Policy Name and Number | EIA Assumptions / Comments |
|-----------------------------|-------------------|---|---|----------------|--|---|-------|--|---|--|
| Northampton Borough Council | Dallington Grange | n/2014/1429 | Mill Lane, Kingsthorpe, Northampton, Northamptonshire, NN5 7PZ | SP 73059 63972 | Adjacent to site, south | Outline Planning Application (all matters reserved except access) for a Sustainable Urban Extension comprising up to 3,000 dwellings including affordable housing; up to 7.2ha employment land (Class B1 office/light industry and Class B2 general industry); a local centre to accommodate a food store (2,230m ²), 6 shop units (750m ²) for retail (Class A1), professional and financial services (Class A2), restaurant/cafe (Class A3), drinking establishment (Class A4) and hot food takeaway (Class A5); public house/restaurant; nursery (Class D1); 2 primary schools; secondary school; redevelopment of Grange Farm for cafe/restaurant/public house or hotel; extension of the North West Bypass on the site; provision of open space and strategic landscaping and wildlife corridors; surface water/flood management works and associated engineering works for drainage and services. | 7.2ha | Outline Planning Permission Approved – October 2018. | Northampton Kings Heath SUE (N7) | The Dallington Grange development will be considered as part of the cumulative impact assessment. |
| Daventry District Council | Buxton Fields | DA/2011/0666 (Buckton Fields East and West) DA/2008/0500 (Buckton Fields East) DA/2013/0994 (Buckton Fields East) | Land at Brampton Lane, Boughton, Northamptonshire (Buckton Fields East) | SP 74667 65239 | Adjacent to site east | Reserved Matters submission for 376 dwellings, open space, structural landscaping, highways and drainage infrastructure works (all matters except access) pursuant to outline application DA/2008/0500 | | Approval in 2014 for the Eastern phase. Development currently under construction. Approval for the western phase in November 2018. | Northampton North of Whitehills SUE (N8) | The Buxton Fields development will be considered as part of the cumulative impact assessment. It is noted that construction has begun on this site. |
| Daventry District Council | Welford Road | DA/2014/0521 DA/2017/0511 DA/2018/0917 | Land at Welford Road Boughton Spratton Northamptonshire NN2 8UL | SP 73562 64992 | Adjacent to the site east. | Reserve matters application for the construction of 41 dwellings, estate road, open space and associated works. | | Reserve matters application | | The Welford Road development will be considered as part of the cumulative impact assessment. |

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| Northamptonshire County Council Daventry District Council | Harlestone Quarry extension | TBC | Harlestone Quarry, Harlestone Road, Lower Harlestone, Northamptonshire, NN7 4EJ | | | TBC | | Imminent March 2019 | | Currently no information available to inform the assessment. This has been scoped out of the cumulative assessment. |
| Daventry District Council | Whites Lane, Harlestone | DA/2016/0840 | Whites Lane, Harlestone | SP707641 | 2.4kms west | Construction of 52 dwellings including public open space, balancing pond and associated infrastructure (resubmission) | | Approval 30 th October 2017 | | Under construction. Development will be considered as part of the environmental baseline. |
| Northampton Borough Council | Green Oaks Primary School | n/2014/0315 | Former Green Oaks Primary School Bective Road, Northampton, Northamptonshire, NN2 7TD | SP 75429 63549 | 2km east | Residential development comprising 170 dwellings, two areas of public open space and associated access. | 3.6ha | Approval in 2016. Development currently under construction. | N/A | Under construction. Development will be considered as part of the environmental baseline. |
| Northampton Borough Council | Former Green Oaks Primary School | N/2016/1007 | Former Green Oaks Primary School | SP 75429 63549 | 2km east | Full application for 82 residential dwellings, parking, open space, with access from Bective Road | | Approval 24/02/17 | | Under construction. Development will be considered as part of the environmental baseline. |
| Northampton Borough Council | Kingsthorpe Middle School | n/2016/0572 and associated reserved matters applications | Former Kingsthorpe Middle School Northfield Way, -, Northampton, Northamptonshire, NN2 8AP | SP 74761 63916 | 1.4km east | Residential development for 195 dwellings and public open space. | | Approval in 2016. Development currently under construction. | N/A | Development will be considered as part of the environmental baseline. |
| Daventry District Council | Harlestone Road | DA/2014/0568 | Land to The East Of, Harlestone Road, Lower Harlestone, Northamptonshire | SP 71275 63305 | 1.9km south west | Residential development for 197 dwellings (including affordable), associated highways, access, parking and landscaping. | | Approval in 2014. Development has now been completed. | Northampton Kings Heath SUE (N7) | Development will be considered as part of the environmental baseline. |

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| Northampton Borough Council | Purple Oaks Academy | n/2016/0790 | Purple Oaks Academy Whiston Road, -, Northampton, Northamptonshire, NN2 7RR | SP 75781 63656 | 2km east | School development for 100 pupils (years 3 to 18 years) including associated parking, play spaces and landscaping. | 2.11ha | Approval in 2016. Development has now been built. | | Development will be considered as part of the environmental baseline. |
| Northampton Borough Council | Bective Works | n/2015/0419 | Unit 3 Bective Works Bective Road, Northampton, Northamptonshire, NN2 7TD | SP 75429 63549 | 1.7km south east | Demolition of Bective Works and Jebez House and erection of student accommodation comprising 293 study bedrooms, including retail unit accessed from Yelvertoft Road | | Approval in 2015. Development has now been built. | | Development will be considered as part of the environmental baseline. |
| Northampton Borough Council | Upton Lodge Farm | N/2017/0091 | Upton Lodge Farm, Weedon Rd, Upton, Northampton | SP 71088 60472 | 4km south west | Residential development of up to 1,400 no. units, a mixed use local centre including appropriate retail, healthcare and community facilities, a new primary school, areas of public open space, play provision and structured landscaping, internal roads and all associated infrastructure, and demolition of existing shed at Upton Lodge Farm (outline planning application with matters of layout, appearance, landscaping and scale being reserved for subsequent approval). | | Outline application currently under consideration by NBC | SUE site allocated under Policy N9A of West Northamptonshire Joint Core Strategy | Development will be screened out of the cumulative impact assessment due to the distance (over 2kms) from the proposed site. |
| SUE (part DDC/part SNC) | Land at Durston Road | - DA/2017/0889 and DA/2017/0890. | West of Northampton | | 3.6km south west | Outline application for the erection of up to 600 dwellings, a primary school, a mixed use local centre (Uses A1-A5, D1), together with associated public open space, landscaping, highways, sustainable drainage systems and all ancillary infrastructure works including a new primary sub-station (Application accompanied by an Environmental Statement). | | EIA currently awaiting the determination process. | | Development will be screened out of the cumulative impact assessment due to the distance (over 2kms) from the proposed site. |

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|-------------------------|-----------------------------------|--------------------------------|--------------------------|----------------|--|---|------|--|--|--|
| South Northants Council | Norwood Farm, Sandy Lane, Harpole | S/2016/1324/EIA | Norwood Farm, Sandy Lane | | 2.5km south west | <p>Hybrid planning application seeking both full and outline planning permission for:</p> <p>Part A: Outline planning permission for a sustainable urban extension comprising: Up to 1,900 dwellings (use class C3); Public open space and children's play areas;</p> <p>Landscape areas, new landscape planting and hydrological attenuation features and sustainable drainage systems; Primary school (use class D1); and Mixed use local centre which may include residential (use class C3), retail (use classes A1, A2, A3, A4 and A5), and health and community facilities (use class D1).</p> <p>Part B: Full planning permission for: Demolition of any on site buildings or structures; and Routing of Sandy Lane Relief Road and associated vehicular access points.</p> <p>Application is accompanied by an Environmental Impact Assessment.</p> | | Hybrid application – currently under consideration by South Northants Planning | SUE site allocated under Policy N9A of West Northamptonshire Joint Core Strategy | Development will be screened out of the cumulative impact assessment due to the distance (over 2kms) from the proposed site. |