

**M25 junction 10/A3 Wisley interchange
TR010030**

**9.112 Applicant's comments to ExA's
fourth written question 4.3.3**

Rule 8(1)(b)

Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

Volume 9

Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Examination Procedure) Rules 2010

M25 junction 10/A3 Wisley interchange Development Consent Order 202[x]

9.112 Applicant's comments to ExA's fourth written question 4.3.3

| | |
|---|---|
| Rule Number: | Rule 8(1)(b) |
| Planning Inspectorate Scheme Reference | TR010030 |
| Application Document Reference | TR010030/9.112 |
| Author: | M25 junction 10/A3 Wisley interchange project team, Highways England and Atkins |

| Version | Date | Status of Version |
|----------------|--------------|--------------------------|
| Rev 0 | 02 June 2020 | Deadline 10 |

Table of contents

| Chapter | Pages |
|-----------------|--------------|
| 1. Introduction | 4 |

1. Introduction

- 1.1.1 This document provides a table of calculations to support document Highways England's comment to the ExA's fourth written question 4.3.3.

1.2 Table to ExA's fourth written question 4.3.3

In combination sensitivity test to compare estimated Nitrogen deposition rates (kg N/ha/yr) at receptor points within the Thames Basin Heaths SPA

| Receptor ID | Distance from road (m) | 2015 Base | 2022 DN | 2022 DM | 2022 DS | 2015 Base including indicative contribution from ammonia* | 2022 DN including indicative contribution from ammonia* | 2022 DM Including indicative contribution from ammonia* | 2022 DS Including indicative contribution from ammonia* |
|---|------------------------|-----------|---------|---------|---------|---|---|---|---|
| Transect West of A3 (north of Wisley Lane) | | | | | | | | | |
| R126 | 8 | 26.38 | 21.38 | 22.90 | 22.38 | 38.75 | 30.75 | 33.80 | 32.76 |
| R127 | 10 | 24.99 | 20.31 | 21.71 | 21.25 | 35.98 | 28.63 | 31.42 | 30.49 |
| R128 | 25 | 20.79 | 17.11 | 18.03 | 17.71 | 27.58 | 22.21 | 24.06 | 23.42 |
| R129 | 50 | 18.46 | 15.32 | 15.85 | 15.68 | 18.46 | 15.32 | 15.85 | 15.68 |
| R130 | 75 | 17.47 | 14.57 | 14.95 | 14.84 | 17.47 | 14.57 | 14.95 | 14.84 |
| R131 | 100 | 16.91 | 14.14 | 14.43 | 14.32 | 16.91 | 14.14 | 14.43 | 14.32 |
| Transect East of A3 (near Bolder Mere) | | | | | | | | | |
| R134 | 10 | 26.84 | 21.73 | 24.87 | 23.80 | 39.68 | 31.46 | 37.74 | 35.60 |
| R135 | 25 | 22.35 | 18.29 | 19.97 | 19.42 | 30.69 | 24.59 | 27.94 | 26.84 |
| R136 | 50 | 19.58 | 16.18 | 17.10 | 16.81 | 19.58 | 16.18 | 17.10 | 16.81 |
| R137 | 75 | 18.35 | 15.24 | 15.85 | 15.68 | 18.35 | 15.24 | 15.85 | 15.68 |
| R138 | 100 | 17.63 | 14.69 | 15.16 | 15.01 | 17.63 | 14.69 | 15.16 | 15.01 |
| Transect West of A3 (close to junction 10) | | | | | | | | | |
| R141 | 7 | 24.83 | 20.20 | 20.84 | 21.28 | 35.67 | 28.39 | 29.68 | 30.55 |

| | | | | | | | | | |
|--|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| R142 | 10 | 23.74 | 19.36 | 19.62 | 19.92 | 33.49 | 26.73 | 27.25 | 27.83 |
| R143 | 25 | 20.90 | 17.19 | 17.27 | 17.36 | 27.80 | 22.38 | 22.55 | 22.72 |
| R144 | 50 | 19.12 | 15.83 | 15.94 | 15.94 | 19.12 | 15.83 | 15.94 | 15.94 |
| R145 | 75 | 18.29 | 15.19 | 15.30 | 15.27 | 18.29 | 15.19 | 15.30 | 15.27 |
| R146 | 100 | 17.89 | 14.89 | 15.04 | 15.01 | 17.89 | 14.89 | 15.04 | 15.01 |
| Transect East of A3 (close to junction 10) | | | | | | | | | |
| R149 | 5 | 32.29 | 25.89 | 23.77 | 24.38 | 50.57 | 39.79 | 35.54 | 36.76 |
| R150 | 10 | 28.58 | 23.06 | 22.18 | 22.64 | 43.15 | 34.11 | 32.35 | 33.28 |
| R151 | 25 | 23.99 | 19.55 | 18.99 | 19.19 | 33.98 | 27.10 | 25.97 | 26.38 |
| R152 | 50 | 21.06 | 17.31 | 17.07 | 17.16 | 21.06 | 17.31 | 17.07 | 17.16 |
| R153 | 75 | 19.67 | 16.25 | 16.14 | 16.20 | 19.67 | 16.25 | 16.14 | 16.20 |
| R154 | 100 | 18.73 | 15.53 | 15.51 | 15.51 | 18.73 | 15.53 | 15.51 | 15.51 |
| Transect South of M25 (west of junction 10) | | | | | | | | | |
| R157 | 5 | 25.24 | 20.51 | 23.16 | 22.99 | 36.48 | 29.01 | 34.32 | 33.97 |
| R158 | 10 | 24.06 | 19.61 | 21.22 | 21.31 | 34.13 | 27.21 | 30.44 | 30.61 |
| R159 | 25 | 21.84 | 17.91 | 18.81 | 18.96 | 29.68 | 23.82 | 25.62 | 25.91 |
| R160 | 50 | 19.97 | 16.48 | 17.07 | 17.16 | 19.97 | 16.48 | 17.07 | 17.16 |
| R161 | 75 | 18.95 | 15.70 | 16.14 | 16.20 | 18.95 | 15.70 | 16.14 | 16.20 |
| R162 | 100 | 18.30 | 15.20 | 15.56 | 15.62 | 18.30 | 15.20 | 15.56 | 15.62 |
| Transect South of M25 (east of junction 10) | | | | | | | | | |
| R188 | 12 | 23.64 | 19.28 | 20.03 | 20.06 | 33.28 | 26.57 | 28.06 | 28.17 |
| R189 | 25 | 21.85 | 17.92 | 18.43 | 18.41 | 29.70 | 23.83 | 24.87 | 24.81 |
| R190 | 50 | 20.13 | 16.60 | 16.98 | 16.93 | 20.13 | 16.60 | 16.98 | 16.93 |
| R191 | 75 | 19.21 | 15.89 | 16.20 | 16.14 | 19.21 | 15.89 | 16.20 | 16.14 |
| R192 | 100 | 18.41 | 15.28 | 15.53 | 15.51 | 18.41 | 15.28 | 15.53 | 15.51 |

© Crown copyright (2020).

You may re-use this information (not including logos) free of charge in any format or medium, under the terms of the Open Government Licence. To view this licence:

visit www.nationalarchives.gov.uk/doc/open-government-licence/

write to the Information Policy Team, **The National Archives, Kew, London TW9 4DU**,
or email psi@nationalarchives.gsi.gov.uk.

Printed on paper from well-managed forests and other controlled sources.

Registered office Bridge House, 1 Walnut Tree Close, Guildford GU1 4LZ
Highways England Company Limited registered in England and Wales number 09346363

