

Welsh Government

M4 Corridor around Newport

December 2016 Environmental
Statement Supplement

Appendix SR7.3 Construction
Traffic and Operational
Assessment Results

M4CaN-DJV-EAQ-ZG_GEN-AX-EN-0003

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1 Appendix SR7.3 – Construction and Operational Assessment Results

1.1 Introduction

1.1.1 This section includes tabulated result data for the assessment of construction and operational effects discussed in Chapter 7 of the March 2016 ES and Supplementary ES published in September and December 2016.

1.2 Construction

Table 7.3.1: Annual Mean NO₂ and PM₁₀ Concentrations during 2018 with and without Construction Traffic

| ID | Annual Mean NO ₂ Concentrations | | | Annual Mean PM ₁₀ Concentrations | | |
|------|--|----------------------------|---------------------|---|----------------------------|---------------------|
| | Without Construction Scenario | With Construction Scenario | Magnitude of Impact | Without Construction Scenario | With Construction Scenario | Magnitude of Impact |
| HH1 | 19.1 | 19.3 | Negligible | 16.5 | 16.5 | Negligible |
| HH2 | 19.5 | 19.8 | Negligible | 15.8 | 15.9 | Negligible |
| HH3 | 21.5 | 22.0 | Minor Adverse | 18.1 | 18.2 | Negligible |
| HH4 | 17.5 | 17.8 | Negligible | 17.5 | 17.5 | Negligible |
| HH5 | 19.9 | 20.2 | Negligible | 17.8 | 17.8 | Negligible |
| HH6 | 20.3 | 20.9 | Minor Adverse | 15.6 | 15.7 | Negligible |
| HH7 | 22.7 | 23.6 | Minor Adverse | 17.5 | 17.6 | Negligible |
| HH8 | 23.4 | 23.9 | Minor Adverse | 18.0 | 18.0 | Negligible |
| HH9 | 29.5 | 29.9 | Negligible | 18.2 | 18.3 | Negligible |
| HH10 | 35.2 | 35.6 | Minor Adverse | 19.0 | 19.0 | Negligible |
| HH11 | 23.9 | 24.6 | Minor Adverse | 18.1 | 18.2 | Negligible |
| HH12 | 13.8 | 13.9 | Negligible | 13.9 | 13.9 | Negligible |
| HH13 | 13.8 | 14.0 | Negligible | 13.9 | 13.9 | Negligible |
| HH14 | 27.2 | 28.2 | Minor Adverse | 18.3 | 18.4 | Negligible |
| HH15 | 33.2 | 34.5 | Minor Adverse | 19.3 | 19.5 | Negligible |
| HH16 | 33.4 | 34.7 | Minor Adverse | 16.7 | 16.8 | Negligible |
| HH17 | 22.2 | 22.6 | Minor Adverse | 16.6 | 16.6 | Negligible |
| HH18 | 30.6 | 31.6 | Minor Adverse | 18.6 | 18.7 | Negligible |

| ID | Annual Mean NO ₂ Concentrations | | | Annual Mean PM ₁₀ Concentrations | | |
|------|--|----------------------------|---------------------|---|----------------------------|---------------------|
| | Without Construction Scenario | With Construction Scenario | Magnitude of Impact | Without Construction Scenario | With Construction Scenario | Magnitude of Impact |
| HH19 | 29.4 | 30.7 | Minor Adverse | 17.8 | 17.9 | Negligible |
| HH20 | 36.7 | 38.1 | Minor Adverse | 19.6 | 19.9 | Negligible |
| HH21 | 37.5 | 39.0 | Minor Adverse | 19.7 | 20.0 | Negligible |
| HH22 | 27.8 | 28.9 | Minor Adverse | 18.5 | 18.7 | Negligible |
| HH23 | 25.9 | 26.3 | Minor Adverse | 18.1 | 18.2 | Negligible |
| HH24 | 29.9 | 30.8 | Minor Adverse | 16.1 | 16.2 | Negligible |
| HH25 | 26.0 | 26.5 | Minor Adverse | 15.8 | 15.9 | Negligible |
| HH26 | 29.6 | 29.9 | Negligible | 17.4 | 17.4 | Negligible |
| HH27 | 21.6 | 22.1 | Minor Adverse | 16.2 | 16.3 | Negligible |
| HH28 | 24.4 | 24.6 | Negligible | 17.8 | 17.9 | Negligible |
| HH29 | 31.7 | 32.1 | Negligible | 17.4 | 17.5 | Negligible |
| HH30 | 14.1 | 14.3 | Negligible | 14.3 | 14.3 | Negligible |
| HH31 | 22.8 | 23.3 | Minor Adverse | 15.8 | 15.8 | Negligible |
| HH32 | 33.1 | 33.5 | Minor Adverse | 17.6 | 17.7 | Negligible |
| HH33 | 12.2 | 12.4 | Negligible | 13.7 | 13.7 | Negligible |
| HH34 | 19.6 | 20.1 | Minor Adverse | 15.2 | 15.2 | Negligible |
| HH35 | 18.1 | 18.4 | Negligible | 17.9 | 17.9 | Negligible |
| HH36 | 26.7 | 27.2 | Minor Adverse | 18.6 | 18.7 | Negligible |
| HH37 | 9.9 | 10.0 | Negligible | 13.1 | 13.1 | Negligible |
| HH38 | 18.4 | 18.6 | Negligible | 16.4 | 16.5 | Negligible |
| HH39 | 12.7 | 12.8 | Negligible | 13.2 | 13.2 | Negligible |
| HH40 | 12.8 | 12.9 | Negligible | 13.2 | 13.2 | Negligible |
| HH41 | 13.9 | 14.1 | Negligible | 14.5 | 14.5 | Negligible |
| HH42 | 14.1 | 14.2 | Negligible | 14.5 | 14.5 | Negligible |
| HH43 | 14.5 | 14.9 | Negligible | 15.8 | 15.9 | Negligible |
| HH44 | 14.7 | 15.1 | Negligible | 15.9 | 15.9 | Negligible |
| HH45 | 15.5 | 15.7 | Negligible | 16.0 | 16.0 | Negligible |
| HH46 | 20.1 | 20.4 | Negligible | 16.5 | 16.5 | Negligible |
| HH47 | 12.9 | 13.0 | Negligible | 13.7 | 13.7 | Negligible |

| ID | Annual Mean NO ₂ Concentrations | | | Annual Mean PM ₁₀ Concentrations | | |
|------|--|----------------------------|---------------------|---|----------------------------|---------------------|
| | Without Construction Scenario | With Construction Scenario | Magnitude of Impact | Without Construction Scenario | With Construction Scenario | Magnitude of Impact |
| HH48 | 13.4 | 13.7 | Negligible | 16.0 | 16.0 | Negligible |
| HH49 | 13.3 | 13.5 | Negligible | 16.7 | 16.7 | Negligible |
| HH50 | 14.6 | 15.1 | Minor Adverse | 16.9 | 16.9 | Negligible |
| HH51 | 15.2 | 15.7 | Minor Adverse | 17.0 | 17.0 | Negligible |
| HH52 | 14.1 | 14.5 | Minor Adverse | 16.8 | 16.9 | Negligible |

Table 7.3.2: Annual Mean NOx Concentrations in 2018 with and without Construction Traffic

| ID | Designated Site | Annual Mean Nox Concentrations | | Magnitude of Impact |
|-------|--------------------------------|--------------------------------|----------------------------|---------------------|
| | | Without Construction Scenario | With Construction Scenario | |
| Eco1 | Fforestganol A Chwm Nofydd - A | 21.8 | 22.0 | Negligible |
| Eco2 | Fforestganol A Chwm Nofydd - B | 21.2 | 21.3 | Negligible |
| Eco3 | St Brides North - A | 22.5 | 23.3 | Minor Adverse |
| Eco4 | St Brides North - B | 22.5 | 22.9 | Minor Adverse |
| Eco5 | St Brides North - C | 22.5 | 22.8 | Negligible |
| Eco6 | St Brides North - D | 22.6 | 22.8 | Negligible |
| Eco7 | St Brides South - A | 22.5 | 23.4 | Minor Adverse |
| Eco8 | St Brides South - B | 22.4 | 22.8 | Minor Adverse |
| Eco9 | St Brides South - C | 22.4 | 22.7 | Negligible |
| Eco10 | St Brides South - D | 22.4 | 22.6 | Negligible |
| Eco11 | River Usk North - A | 25.9 | 27.0 | Minor Adverse |
| Eco12 | River Usk North - B | 25.9 | 26.3 | Minor Adverse |
| Eco13 | River Usk North - C | 25.9 | 26.2 | Negligible |
| Eco14 | River Usk North - D | 25.9 | 26.2 | Negligible |
| Eco15 | River Usk North - E | 21.7 | 21.9 | Negligible |
| Eco16 | River Usk South - A | 25.9 | 27.3 | Minor Adverse |
| Eco17 | River Usk South - B | 25.8 | 26.4 | Minor Adverse |
| Eco18 | River Usk South - C | 25.8 | 26.2 | Minor Adverse |
| Eco19 | River Usk South - D | 25.8 | 26.1 | Negligible |

| ID | Designated Site | Annual Mean Nox Concentrations | | Magnitude of Impact |
|-------|-----------------------------|--------------------------------|----------------------------|---------------------|
| | | Without Scenario | Construction With Scenario | |
| Eco20 | River Usk South - E | 25.8 | 26.0 | Negligible |
| Eco21 | Nash & Goldcliff North - A | 16.4 | 17.1 | Minor Adverse |
| Eco22 | Nash & Goldcliff North - B | 16.5 | 16.8 | Minor Adverse |
| Eco23 | Nash & Goldcliff North - C | 16.5 | 16.7 | Negligible |
| Eco24 | Nash & Goldcliff North - D | 16.5 | 16.7 | Negligible |
| Eco25 | Nash & Goldcliff North - E | 16.5 | 16.7 | Negligible |
| Eco26 | Nash & Goldcliff South - A | 16.4 | 17.3 | Minor Adverse |
| Eco27 | Nash & Goldcliff South - B | 16.4 | 16.8 | Minor Adverse |
| Eco28 | Nash & Goldcliff South - C | 16.4 | 16.6 | Negligible |
| Eco29 | Nash & Goldcliff South - D | 16.3 | 16.6 | Negligible |
| Eco30 | Nash & Goldcliff South - E | 16.3 | 16.5 | Negligible |
| Eco31 | Whitson North - A | 12.9 | 13.7 | Minor Adverse |
| Eco32 | Whitson North - B | 13.0 | 13.3 | Minor Adverse |
| Eco33 | Whitson North - C | 13.0 | 13.2 | Negligible |
| Eco34 | Whitson North - E | 13.1 | 13.3 | Negligible |
| Eco35 | Whitson North - D | 13.0 | 13.2 | Negligible |
| Eco36 | Whitson South - A | 12.9 | 13.7 | Minor Adverse |
| Eco37 | Whitson South - B | 12.9 | 13.2 | Minor Adverse |
| Eco38 | Whitson South - C | 12.9 | 13.1 | Negligible |
| Eco39 | Whitson South - D | 12.9 | 13.1 | Negligible |
| Eco40 | Whitson South - E | 12.8 | 13.0 | Negligible |
| Eco41 | Llanmartin Meadows - A | 40.7 | 41.6 | Minor Adverse |
| Eco42 | Llanmartin Meadows - B | 23.7 | 24.0 | Minor Adverse |
| Eco43 | Llanmartin Meadows - C | 20.9 | 21.2 | Negligible |
| Eco44 | Llanmartin Meadows - D | 19.7 | 19.9 | Negligible |
| Eco45 | Llanmartin Meadows - E | 19.1 | 19.3 | Negligible |
| Eco46 | Redwick and Llandevenny - A | 13.4 | 14.1 | Minor Adverse |
| Eco47 | Redwick and Llandevenny - B | 13.1 | 13.5 | Minor Adverse |
| Eco48 | Redwick and Llandevenny - C | 13.4 | 13.8 | Minor Adverse |
| Eco49 | Redwick and Llandevenny - D | 16.5 | 17.0 | Minor Adverse |

| ID | Designated Site | Annual Mean Nox Concentrations | | Magnitude of Impact |
|-------|----------------------------------|--------------------------------|----------------------------|---------------------|
| | | Without Scenario | Construction With Scenario | |
| Eco50 | Redwick and Llandeenny - E | 16.9 | 17.5 | Minor Adverse |
| Eco51 | Redwick and Llandeenny South - A | 13.4 | 14.4 | Minor Adverse |
| Eco52 | Redwick and Llandeenny South - B | 13.3 | 13.7 | Minor Adverse |
| Eco53 | Redwick and Llandeenny South - C | 13.3 | 13.5 | Negligible |
| Eco54 | Redwick and Llandeenny South - D | 13.2 | 13.4 | Negligible |
| Eco55 | Redwick and Llandeenny South - E | 13.2 | 13.4 | Negligible |
| Eco56 | Magor and Undy - A | 18.3 | 18.7 | Minor Adverse |
| Eco57 | Magor and Undy - B | 17.6 | 17.9 | Negligible |
| Eco58 | Magor and Undy - C | 17.4 | 17.6 | Negligible |
| Eco59 | Magor and Undy - D | 17.3 | 17.5 | Negligible |
| Eco60 | Nedern Brook Wetlands North - A | 19.6 | 20.8 | Minor Adverse |
| Eco61 | Nedern Brook Wetlands North - B | 14.5 | 14.8 | Negligible |
| Eco62 | Nedern Brook Wetlands North - C | 14.1 | 14.3 | Negligible |
| Eco63 | Nedern Brook Wetlands North - D | 13.9 | 14.1 | Negligible |
| Eco64 | Nedern Brook Wetlands North - E | 13.8 | 14.0 | Negligible |
| Eco65 | Nedern Brook Wetlands South - A | 19.8 | 21.0 | Minor Adverse |
| Eco66 | Nedern Brook Wetlands South - B | 15.2 | 15.6 | Minor Adverse |
| Eco67 | Nedern Brook Wetlands South - C | 14.5 | 14.8 | Negligible |
| Eco68 | Nedern Brook Wetlands South - D | 14.2 | 14.4 | Negligible |
| Eco69 | Nedern Brook Wetlands South - E | 14.1 | 14.3 | Negligible |
| Eco70 | Severn Estuary North - A | 36.7 | 37.6 | Minor Adverse |
| Eco71 | Severn Estuary North - B | 24.1 | 24.5 | Minor Adverse |
| Eco72 | Severn Estuary North - C | 21.5 | 21.8 | Negligible |
| Eco73 | Severn Estuary North - D | 20.4 | 20.6 | Negligible |
| Eco74 | Severn Estuary North - E | 19.9 | 20.1 | Negligible |
| Eco75 | Severn Estuary South - A | 48.1 | 49.7 | Moderate Adverse |
| Eco76 | Severn Estuary South - B | 24.0 | 24.4 | Minor Adverse |
| Eco77 | Severn Estuary South - C | 21.2 | 21.4 | Negligible |
| Eco78 | Severn Estuary South - D | 20.0 | 20.2 | Negligible |
| Eco79 | Severn Estuary South - E | 19.5 | 19.6 | Negligible |

| ID | Designated Site | Annual Mean Nox Concentrations | | Magnitude of Impact |
|-------|-----------------|--------------------------------|----------------------------|---------------------|
| | | Without Scenario | Construction With Scenario | |
| Eco80 | River Wye - A | 20.0 | 21.1 | Minor Adverse |
| Eco81 | River Wye - B | 14.7 | 15.1 | Minor Adverse |
| Eco82 | River Wye - C | 13.9 | 14.2 | Negligible |
| Eco83 | River Wye - D | 13.5 | 13.7 | Negligible |
| Eco84 | River Wye - E | 13.3 | 13.5 | Negligible |

Table 7.3.3: Total Nitrogen Deposition in 2018 with and without Construction Traffic

| ID | Designated Site | Without Scenario | Construction With Scenario | Construction | Change in Nitrogen deposition |
|-------|--------------------------------|------------------|----------------------------|--------------|-------------------------------|
| Eco1 | Fforestganol A Chwm Nofydd - A | 15.7 | 15.7 | 15.7 | 0.0 |
| Eco2 | Fforestganol A Chwm Nofydd - B | 15.7 | 15.7 | 15.7 | 0.0 |
| Eco3 | St Brides North - A | 8.7 | 8.7 | 8.7 | 0.0 |
| Eco4 | St Brides North - B | 8.7 | 8.7 | 8.7 | 0.0 |
| Eco5 | St Brides North - C | 8.7 | 8.7 | 8.7 | 0.0 |
| Eco6 | St Brides North - D | 8.7 | 8.7 | 8.7 | 0.0 |
| Eco7 | St Brides South - A | 8.7 | 8.7 | 8.8 | 0.1 |
| Eco8 | St Brides South - B | 8.7 | 8.7 | 8.7 | 0.0 |
| Eco9 | St Brides South - C | 8.7 | 8.7 | 8.7 | 0.0 |
| Eco10 | St Brides South - D | 8.7 | 8.7 | 8.7 | 0.0 |
| Eco11 | River Usk North - A | 13.9 | 13.9 | 14.0 | 0.1 |
| Eco12 | River Usk North - B | 13.9 | 13.9 | 14.0 | 0.1 |
| Eco13 | River Usk North - C | 13.9 | 13.9 | 14.0 | 0.1 |
| Eco14 | River Usk North - D | 13.9 | 13.9 | 14.0 | 0.1 |
| Eco15 | River Usk North - E | 14.0 | 14.0 | 14.0 | 0.0 |
| Eco16 | River Usk South - A | 13.9 | 13.9 | 14.0 | 0.1 |
| Eco17 | River Usk South - B | 13.9 | 13.9 | 14.0 | 0.1 |
| Eco18 | River Usk South - C | 13.9 | 13.9 | 14.0 | 0.1 |
| Eco19 | River Usk South - D | 13.9 | 13.9 | 14.0 | 0.1 |
| Eco20 | River Usk South - E | 13.9 | 13.9 | 14.0 | 0.1 |
| Eco21 | Nash & Goldcliff North - A | 13.0 | 13.0 | 13.0 | 0.0 |
| Eco22 | Nash & Goldcliff North - B | 13.0 | 13.0 | 13.0 | 0.0 |
| Eco23 | Nash & Goldcliff North - C | 13.0 | 13.0 | 13.0 | 0.0 |
| Eco24 | Nash & Goldcliff North - D | 13.0 | 13.0 | 13.0 | 0.0 |
| Eco25 | Nash & Goldcliff North - E | 13.0 | 13.0 | 13.0 | 0.0 |
| Eco26 | Nash & Goldcliff South - A | 13.0 | 13.0 | 13.0 | 0.0 |
| Eco27 | Nash & Goldcliff South - B | 13.0 | 13.0 | 13.0 | 0.0 |
| Eco28 | Nash & Goldcliff South - C | 12.9 | 12.9 | 13.0 | 0.1 |
| Eco29 | Nash & Goldcliff South - D | 12.9 | 12.9 | 13.0 | 0.1 |
| Eco30 | Nash & Goldcliff South - E | 12.9 | 12.9 | 13.0 | 0.1 |

| ID | Designated Site | Without Scenario | Construction | With Scenario | Construction | Change in Nitrogen deposition |
|-------|-----------------------------------|------------------|--------------|---------------|--------------|-------------------------------|
| Eco31 | Whitson North - A | 12.9 | | 13.0 | | 0.1 |
| Eco32 | Whitson North - B | 12.9 | | 13.0 | | 0.1 |
| Eco33 | Whitson North - C | 12.9 | | 13.0 | | 0.1 |
| Eco34 | Whitson North - E | 12.9 | | 13.0 | | 0.1 |
| Eco35 | Whitson North - D | 12.9 | | 13.0 | | 0.1 |
| Eco36 | Whitson South - A | 12.9 | | 13.0 | | 0.1 |
| Eco37 | Whitson South - B | 12.9 | | 13.0 | | 0.1 |
| Eco38 | Whitson South - C | 12.9 | | 13.0 | | 0.1 |
| Eco39 | Whitson South - D | 12.9 | | 12.9 | | 0.0 |
| Eco40 | Whitson South - E | 12.9 | | 12.9 | | 0.0 |
| Eco41 | Llanmartin Meadows - A | 14.8 | | 14.8 | | 0.0 |
| Eco42 | Llanmartin Meadows - B | 13.9 | | 13.9 | | 0.0 |
| Eco43 | Llanmartin Meadows - C | 13.7 | | 13.7 | | 0.0 |
| Eco44 | Llanmartin Meadows - D | 13.6 | | 13.6 | | 0.0 |
| Eco45 | Llanmartin Meadows - E | 13.6 | | 13.6 | | 0.0 |
| Eco46 | Redwick and Llandevenny - A | 13.7 | | 13.7 | | 0.0 |
| Eco47 | Redwick and Llandevenny - B | 13.7 | | 13.7 | | 0.0 |
| Eco48 | Redwick and Llandevenny - C | 13.7 | | 13.7 | | 0.0 |
| Eco49 | Redwick and Llandevenny - D | 13.8 | | 13.8 | | 0.0 |
| Eco50 | Redwick and Llandevenny - E | 13.8 | | 13.9 | | 0.1 |
| Eco51 | Redwick and Llandevenny South - A | 13.7 | | 13.7 | | 0.0 |
| Eco52 | Redwick and Llandevenny South - B | 13.7 | | 13.7 | | 0.0 |
| Eco53 | Redwick and Llandevenny South - C | 13.7 | | 13.7 | | 0.0 |
| Eco54 | Redwick and Llandevenny South - D | 13.7 | | 13.7 | | 0.0 |
| Eco55 | Redwick and Llandevenny South - E | 13.7 | | 13.7 | | 0.0 |
| Eco56 | Magor and Undy - A | 13.8 | | 13.8 | | 0.0 |
| Eco57 | Magor and Undy - B | 13.7 | | 13.7 | | 0.0 |
| Eco58 | Magor and Undy - C | 13.7 | | 13.7 | | 0.0 |
| Eco59 | Magor and Undy - D | 13.7 | | 13.7 | | 0.0 |
| Eco60 | Nedern Brook Wetlands North - A | 13.4 | | 13.5 | | 0.1 |
| Eco61 | Nedern Brook Wetlands North - B | 13.0 | | 13.1 | | 0.1 |

| ID | Designated Site | Without Scenario | Construction | With Scenario | Construction | Change in Nitrogen deposition |
|-------|---------------------------------|------------------|--------------|---------------|--------------|-------------------------------|
| Eco62 | Nedern Brook Wetlands North - C | 13.0 | | 13.0 | | 0.0 |
| Eco63 | Nedern Brook Wetlands North - D | 13.0 | | 13.0 | | 0.0 |
| Eco64 | Nedern Brook Wetlands North - E | 13.0 | | 13.0 | | 0.0 |
| Eco65 | Nedern Brook Wetlands South - A | 13.3 | | 13.4 | | 0.1 |
| Eco66 | Nedern Brook Wetlands South - B | 13.1 | | 13.1 | | 0.0 |
| Eco67 | Nedern Brook Wetlands South - C | 13.0 | | 13.0 | | 0.0 |
| Eco68 | Nedern Brook Wetlands South - D | 13.0 | | 13.0 | | 0.0 |
| Eco69 | Nedern Brook Wetlands South - E | 13.0 | | 13.0 | | 0.0 |
| Eco70 | Severn Estuary North - A | 11.6 | | 11.6 | | 0.0 |
| Eco71 | Severn Estuary North - B | 10.9 | | 10.9 | | 0.0 |
| Eco72 | Severn Estuary North - C | 10.7 | | 10.7 | | 0.0 |
| Eco73 | Severn Estuary North - D | 10.6 | | 10.6 | | 0.0 |
| Eco74 | Severn Estuary North - E | 10.6 | | 10.6 | | 0.0 |
| Eco75 | Severn Estuary South - A | 12.1 | | 12.2 | | 0.1 |
| Eco76 | Severn Estuary South - B | 10.8 | | 10.8 | | 0.0 |
| Eco77 | Severn Estuary South - C | 10.6 | | 10.7 | | 0.1 |
| Eco78 | Severn Estuary South - D | 10.6 | | 10.6 | | 0.0 |
| Eco79 | Severn Estuary South - E | 10.6 | | 10.6 | | 0.0 |
| Eco80 | River Wye - A | 16.0 | | 16.0 | | 0.1 |
| Eco81 | River Wye - B | 15.6 | | 15.6 | | 0.0 |
| Eco82 | River Wye - C | 15.6 | | 15.6 | | 0.0 |
| Eco83 | River Wye - D | 15.6 | | 15.6 | | 0.0 |
| Eco84 | River Wye - E | 15.6 | | 15.6 | | 0.0 |

1.3 Operation

Table 7.3.4: Annual Mean NO₂ Concentrations at Human Health Receptors Assessed

| ID | IAN 185/15 | | | | IAN 170/12 | | | IAN 185/15 | | | IAN 170/12 | | |
|------|------------|------------|--------------|---------------------|------------|--------------|---------------------|------------|--------------|---------------------|------------|--------------|---------------------|
| | 2014 | 2022 | | Magnitude of Impact | 2022 | | Magnitude of Impact | 2037 | | Magnitude of Impact | 2037 | | Magnitude of Impact |
| | Base | Do Minimum | Do Something | | Do Minimum | Do Something | | Do Minimum | Do Something | | Do Minimum | Do Something | |
| HH1 | 22.8 | 15.2 | 15.7 | Minor Adverse | 16.9 | 17.4 | Minor Adverse | 14.0 | 14.6 | Minor Adverse | 15.6 | 16.3 | Minor Adverse |
| HH2 | 23.0 | 15.6 | 16.3 | Minor Adverse | 16.9 | 17.7 | Minor Adverse | 14.3 | 14.9 | Minor Adverse | 15.6 | 16.3 | Minor Adverse |
| HH3 | 25.4 | 17.1 | 17.9 | Minor Adverse | 18.9 | 19.8 | Minor Adverse | 15.5 | 16.3 | Minor Adverse | 17.6 | 18.4 | Minor Adverse |
| HH4 | 20.5 | 14.7 | 15.3 | Minor Adverse | 15.2 | 15.9 | Minor Adverse | 13.6 | 14.2 | Minor Adverse | 13.9 | 14.5 | Minor Adverse |
| HH5 | 23.5 | 16.1 | 16.4 | Negligible | 17.5 | 17.8 | Negligible | 14.8 | 15.1 | Negligible | 16.1 | 16.4 | Negligible |
| HH6 | 23.3 | 16.5 | 16.6 | Negligible | 17.2 | 17.3 | Negligible | 15.2 | 15.1 | Negligible | 15.9 | 15.9 | Negligible |
| HH7 | 26.2 | 16.2 | 16.4 | Negligible | 18.4 | 18.7 | Negligible | 14.9 | 15.0 | Negligible | 17.5 | 17.7 | Negligible |
| HH8 | 26.5 | 20.6 | 20.5 | Negligible | 20.6 | 20.5 | Negligible | 19.8 | 19.9 | Negligible | 19.8 | 19.9 | Negligible |
| HH9 | 35.0 | 22.4 | 19.6 | Moderate Beneficial | 26.8 | 23.5 | Moderate Beneficial | 20.0 | 17.7 | Moderate Beneficial | 25.5 | 22.6 | Moderate Beneficial |
| HH10 | 41.4 | 24.7 | 21.6 | Moderate Beneficial | 30.6 | 26.8 | Moderate Beneficial | 22.0 | 19.4 | Moderate Beneficial | 29.5 | 26.1 | Moderate Beneficial |
| HH11 | 28.1 | 19.9 | 20.1 | Negligible | 20.8 | 21.0 | Negligible | 18.6 | 18.8 | Negligible | 19.2 | 19.3 | Negligible |
| HH12 | 15.5 | 12.4 | 13.0 | Minor Adverse | 12.4 | 13.0 | Minor Adverse | 12.1 | 12.6 | Minor Adverse | 12.1 | 12.6 | Minor Adverse |
| HH13 | 15.5 | 12.4 | 13.9 | Minor Adverse | 12.4 | 13.9 | Minor Adverse | 12.1 | 13.3 | Minor Adverse | 12.1 | 13.3 | Minor Adverse |
| HH14 | 32.3 | 20.2 | 19.4 | Minor Beneficial | 23.4 | 22.5 | Minor Beneficial | 19.2 | 17.8 | Minor Beneficial | 23.1 | 21.4 | Minor Beneficial |
| HH15 | 38.9 | 23.4 | 21.8 | Minor Beneficial | 28.3 | 26.3 | Moderate Beneficial | 20.9 | 19.7 | Minor Beneficial | 27.0 | 25.4 | Minor Beneficial |

| ID | IAN 185/15 | | | | IAN 170/12 | | | IAN 185/15 | | | IAN 170/12 | | |
|------|------------|------------|--------------|---------------------|------------|--------------|---------------------|------------|--------------|---------------------|------------|--------------|---------------------|
| | 2014 | 2022 | | Magnitude of Impact | 2022 | | Magnitude of Impact | 2037 | | Magnitude of Impact | 2037 | | Magnitude of Impact |
| | Base | Do Minimum | Do Something | | Do Minimum | Do Something | | Do Minimum | Do Something | | Do Minimum | Do Something | |
| HH16 | 39.4 | 29.0 | 27.7 | Minor Beneficial | 29.6 | 28.2 | Minor Beneficial | 29.1 | 26.0 | Moderate Beneficial | 29.2 | 26.1 | Moderate Beneficial |
| HH17 | 26.0 | 19.5 | 19.6 | Negligible | 19.5 | 19.6 | Negligible | 18.9 | 18.8 | Negligible | 18.9 | 18.8 | Negligible |
| HH18 | 35.1 | 22.8 | 22.1 | Minor Beneficial | 25.7 | 24.9 | Minor Beneficial | 20.5 | 20.3 | Negligible | 23.7 | 23.4 | Negligible |
| HH19 | 34.5 | 23.9 | 23.8 | Negligible | 26.1 | 26.0 | Negligible | 23.5 | 21.5 | Minor Beneficial | 26.6 | 24.3 | Moderate Beneficial |
| HH20 | 42.0 | 26.7 | 25.9 | Minor Beneficial | 31.1 | 30.1 | Minor Beneficial | 23.3 | 23.3 | Negligible | 28.7 | 28.7 | Negligible |
| HH21 | 43.0 | 27.3 | 26.6 | Minor Beneficial | 32.0 | 31.1 | Minor Beneficial | 23.7 | 23.9 | Negligible | 29.4 | 29.6 | Negligible |
| HH22 | 32.3 | 21.8 | 22.2 | Negligible | 23.6 | 24.0 | Negligible | 20.1 | 20.2 | Negligible | 22.1 | 22.2 | Negligible |
| HH23 | 29.4 | 20.7 | 19.6 | Minor Beneficial | 21.8 | 20.7 | Minor Beneficial | 19.0 | 18.4 | Minor Beneficial | 20.0 | 19.4 | Minor Beneficial |
| HH24 | 35.2 | 24.3 | 24.5 | Negligible | 25.7 | 25.9 | Negligible | 22.5 | 22.3 | Negligible | 24.0 | 23.8 | Negligible |
| HH25 | 30.0 | 22.0 | 22.0 | Negligible | 22.1 | 22.1 | Negligible | 20.6 | 20.5 | Negligible | 20.6 | 20.5 | Negligible |
| HH26 | 35.4 | 23.3 | 20.5 | Moderate Beneficial | 27.0 | 23.7 | Moderate Beneficial | 21.2 | 19.3 | Minor Beneficial | 25.3 | 23.0 | Moderate Beneficial |
| HH27 | 25.6 | 18.0 | 18.1 | Negligible | 18.8 | 19.0 | Negligible | 17.2 | 17.1 | Negligible | 17.5 | 17.4 | Negligible |
| HH28 | 27.0 | 22.6 | 22.7 | Negligible | 22.6 | 22.7 | Negligible | 22.6 | 22.6 | Negligible | 22.6 | 22.6 | Negligible |
| HH29 | 37.2 | 24.2 | 20.8 | Moderate Beneficial | 28.6 | 24.6 | Moderate Beneficial | 22.0 | 19.7 | Moderate Beneficial | 26.9 | 24.1 | Moderate Beneficial |
| HH30 | 15.8 | 12.8 | 13.7 | Minor Adverse | 12.8 | 13.7 | Minor Adverse | 12.5 | 13.3 | Minor Adverse | 12.5 | 13.3 | Minor Adverse |
| HH31 | 26.5 | 20.3 | 20.3 | Negligible | 20.3 | 20.3 | Negligible | 19.7 | 19.5 | Negligible | 19.7 | 19.5 | Negligible |
| HH32 | 39.3 | 24.6 | 20.4 | Major Beneficial | 30.3 | 25.2 | Major Beneficial | 22.0 | 19.2 | Moderate Beneficial | 28.8 | 25.2 | Moderate Beneficial |
| HH33 | 13.9 | 10.9 | 11.5 | Minor Adverse | 10.9 | 11.5 | Minor Adverse | 10.6 | 11.1 | Minor Adverse | 10.6 | 11.1 | Minor Adverse |

| ID | IAN 185/15 | | | | IAN 170/12 | | | IAN 185/15 | | | IAN 170/12 | | |
|------|------------|------------|--------------|---------------------|------------|--------------|---------------------|------------|--------------|---------------------|------------|--------------|---------------------|
| | 2014 | 2022 | | | 2022 | | | 2037 | | | 2037 | | |
| | Base | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | Magnitude of Impact |
| HH34 | 22.6 | 16.4 | 16.2 | Negligible | 16.9 | 16.7 | Negligible | 15.6 | 15.2 | Negligible | 15.7 | 15.3 | Negligible |
| HH35 | 21.4 | 16.1 | 14.8 | Minor Beneficial | 16.8 | 15.4 | Minor Beneficial | 14.6 | 13.9 | Minor Beneficial | 14.9 | 14.2 | Minor Beneficial |
| HH36 | 31.4 | 19.4 | 16.5 | Moderate Beneficial | 23.6 | 20.0 | Moderate Beneficial | 17.3 | 15.5 | Minor Beneficial | 21.7 | 19.4 | Moderate Beneficial |
| HH37 | 11.3 | 8.8 | 9.6 | Minor Adverse | 8.8 | 9.6 | Minor Adverse | 8.5 | 9.2 | Minor Adverse | 8.5 | 9.2 | Minor Adverse |
| HH38 | 21.8 | 13.8 | 12.0 | Minor Beneficial | 16.4 | 14.2 | Moderate Beneficial | 12.5 | 11.3 | Minor Beneficial | 15.1 | 13.6 | Minor Beneficial |
| HH39 | 14.5 | 11.5 | 11.8 | Negligible | 11.5 | 11.8 | Negligible | 11.3 | 11.6 | Negligible | 11.3 | 11.6 | Negligible |
| HH40 | 14.5 | 11.5 | 12.1 | Minor Adverse | 11.5 | 12.1 | Minor Adverse | 11.3 | 11.8 | Minor Adverse | 11.3 | 11.8 | Minor Adverse |
| HH41 | 15.8 | 12.5 | 13.2 | Minor Adverse | 12.5 | 13.2 | Minor Adverse | 12.0 | 12.7 | Minor Adverse | 12.0 | 12.7 | Minor Adverse |
| HH42 | 16.0 | 12.6 | 13.1 | Minor Adverse | 12.6 | 13.1 | Minor Adverse | 12.2 | 12.6 | Minor Adverse | 12.2 | 12.6 | Minor Adverse |
| HH43 | 16.6 | 13.0 | 13.2 | Negligible | 13.0 | 13.2 | Negligible | 12.5 | 12.8 | Negligible | 12.5 | 12.8 | Negligible |
| HH44 | 16.9 | 13.2 | 13.7 | Minor Adverse | 13.2 | 13.7 | Minor Adverse | 12.7 | 13.2 | Minor Adverse | 12.7 | 13.2 | Minor Adverse |
| HH45 | 17.9 | 13.5 | 14.1 | Minor Adverse | 13.8 | 14.4 | Minor Adverse | 12.9 | 13.5 | Minor Adverse | 12.9 | 13.5 | Minor Adverse |
| HH46 | 23.7 | 16.1 | 15.4 | Minor Beneficial | 18.4 | 17.7 | Minor Beneficial | 15.5 | 14.7 | Minor Beneficial | 17.6 | 16.7 | Minor Beneficial |
| HH47 | 15.2 | 10.9 | 11.0 | Negligible | 11.5 | 11.6 | Negligible | 10.3 | 10.4 | Negligible | 10.5 | 10.6 | Negligible |
| HH48 | 15.6 | 11.8 | 11.6 | Negligible | 11.8 | 11.6 | Negligible | 11.3 | 11.1 | Negligible | 11.3 | 11.1 | Negligible |
| HH49 | 15.6 | 11.6 | 11.9 | Negligible | 12.0 | 12.3 | Negligible | 10.8 | 11.2 | Negligible | 10.9 | 11.2 | Negligible |
| HH50 | 17.4 | 13.3 | 13.3 | Negligible | 14.2 | 14.2 | Negligible | 12.1 | 12.6 | Minor Adverse | 12.8 | 13.3 | Minor Adverse |
| HH51 | 17.9 | 13.2 | 13.9 | Minor | 14.1 | 14.9 | Minor | 12.1 | 13.0 | Minor | 13.0 | 13.8 | Minor |

| ID | IAN 185/15 | | | | IAN 170/12 | | | IAN 185/15 | | | IAN 170/12 | | |
|------|------------|------------|--------------|---------------------|------------|--------------|---------------------|------------|--------------|---------------------|------------|--------------|---------------------|
| | 2014 | 2022 | | | 2022 | | | 2037 | | | 2037 | | |
| | Base | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | Magnitude of Impact |
| | | | | Adverse | | | Adverse | | | Adverse | | | Adverse |
| HH52 | 16.8 | 12.7 | 12.6 | Negligible | 13.4 | 13.2 | Negligible | 11.7 | 11.9 | Negligible | 12.2 | 12.3 | Negligible |

Table 7.3.5: Annual Mean PM₁₀ Concentrations at Human Health Receptors Assessed

| ID | 2014 | 2022 | | | 2037 | | |
|------|------|------------|--------------|---------------------|------------|--------------|---------------------|
| | Base | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | Magnitude of Impact |
| HH1 | 17.1 | 16.1 | 16.1 | Negligible | 16.1 | 16.2 | Negligible |
| HH2 | 16.5 | 15.4 | 15.4 | Negligible | 15.4 | 15.5 | Negligible |
| HH3 | 18.7 | 17.6 | 17.7 | Negligible | 17.8 | 17.9 | Negligible |
| HH4 | 18.1 | 17.1 | 17.2 | Negligible | 17.2 | 17.3 | Negligible |
| HH5 | 18.4 | 17.4 | 17.4 | Negligible | 17.5 | 17.5 | Negligible |
| HH6 | 16.3 | 15.1 | 15.1 | Negligible | 15.2 | 15.2 | Negligible |
| HH7 | 18.1 | 16.9 | 17.0 | Negligible | 17.1 | 17.2 | Negligible |
| HH8 | 18.7 | 17.6 | 17.6 | Negligible | 17.7 | 17.7 | Negligible |
| HH9 | 19.1 | 17.7 | 17.3 | Minor Beneficial | 17.9 | 17.5 | Minor Beneficial |
| HH10 | 19.9 | 18.1 | 17.6 | Minor Beneficial | 18.5 | 17.8 | Minor Beneficial |
| HH11 | 18.9 | 17.6 | 17.7 | Negligible | 18.0 | 18.0 | Negligible |
| HH12 | 14.4 | 13.5 | 13.6 | Negligible | 13.5 | 13.6 | Negligible |
| HH13 | 14.4 | 13.5 | 13.8 | Negligible | 13.5 | 13.8 | Negligible |
| HH14 | 19.0 | 17.7 | 17.5 | Negligible | 18.1 | 17.7 | Minor Beneficial |
| HH15 | 19.7 | 18.2 | 17.8 | Negligible | 18.5 | 18.0 | Minor Beneficial |
| HH16 | 17.5 | 16.3 | 16.2 | Negligible | 16.7 | 16.3 | Minor Beneficial |
| HH17 | 17.3 | 16.2 | 16.2 | Negligible | 16.5 | 16.4 | Negligible |
| HH18 | 19.0 | 17.6 | 17.6 | Negligible | 17.7 | 17.7 | Negligible |
| HH19 | 18.6 | 17.5 | 17.4 | Negligible | 17.8 | 17.6 | Negligible |
| HH20 | 19.9 | 18.3 | 18.1 | Negligible | 18.5 | 18.4 | Negligible |
| HH21 | 19.9 | 18.4 | 18.2 | Negligible | 18.5 | 18.4 | Negligible |

| ID | 2014 | 2022 | | | 2037 | | |
|------|------|------------|--------------|---------------------|------------|--------------|---------------------|
| | Base | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | Magnitude of Impact |
| HH22 | 19.2 | 17.8 | 17.8 | Negligible | 18.1 | 18.0 | Negligible |
| HH23 | 18.6 | 17.4 | 17.3 | Negligible | 17.5 | 17.4 | Negligible |
| HH24 | 16.9 | 15.6 | 15.7 | Negligible | 15.8 | 15.7 | Negligible |
| HH25 | 16.6 | 15.4 | 15.4 | Negligible | 15.5 | 15.5 | Negligible |
| HH26 | 18.2 | 16.7 | 16.3 | Minor Beneficial | 16.9 | 16.5 | Minor Beneficial |
| HH27 | 16.9 | 15.7 | 15.7 | Negligible | 15.9 | 15.8 | Negligible |
| HH28 | 18.6 | 17.5 | 17.5 | Negligible | 17.8 | 17.8 | Negligible |
| HH29 | 18.1 | 16.6 | 16.1 | Minor Beneficial | 16.8 | 16.3 | Minor Beneficial |
| HH30 | 14.8 | 13.9 | 14.0 | Negligible | 13.9 | 14.0 | Negligible |
| HH31 | 16.5 | 15.4 | 15.4 | Negligible | 15.6 | 15.5 | Negligible |
| HH32 | 18.4 | 16.8 | 16.1 | Minor Beneficial | 17.0 | 16.4 | Minor Beneficial |
| HH33 | 14.2 | 13.3 | 13.4 | Negligible | 13.3 | 13.4 | Negligible |
| HH34 | 15.8 | 14.8 | 14.7 | Negligible | 14.9 | 14.8 | Negligible |
| HH35 | 18.6 | 17.6 | 17.4 | Negligible | 17.7 | 17.5 | Negligible |
| HH36 | 19.6 | 18.2 | 17.7 | Minor Beneficial | 18.3 | 17.8 | Minor Beneficial |
| HH37 | 13.6 | 12.8 | 12.9 | Negligible | 12.7 | 12.8 | Negligible |
| HH38 | 17.2 | 16.1 | 15.8 | Negligible | 16.1 | 15.8 | Negligible |
| HH39 | 13.8 | 12.9 | 12.9 | Negligible | 12.8 | 12.9 | Negligible |
| HH40 | 13.8 | 12.9 | 13.0 | Negligible | 12.8 | 12.9 | Negligible |
| HH41 | 15.0 | 14.1 | 14.2 | Negligible | 14.1 | 14.2 | Negligible |
| HH42 | 15.0 | 14.1 | 14.2 | Negligible | 14.1 | 14.2 | Negligible |
| HH43 | 16.4 | 15.6 | 15.6 | Negligible | 15.6 | 15.6 | Negligible |
| HH44 | 16.4 | 15.6 | 15.6 | Negligible | 15.6 | 15.7 | Negligible |
| HH45 | 16.5 | 15.6 | 15.7 | Negligible | 15.6 | 15.8 | Negligible |
| HH46 | 17.1 | 16.0 | 15.9 | Negligible | 16.2 | 16.0 | Negligible |
| HH47 | 14.3 | 13.3 | 13.4 | Negligible | 13.3 | 13.3 | Negligible |
| HH48 | 16.5 | 15.6 | 15.6 | Negligible | 15.6 | 15.6 | Negligible |
| HH49 | 17.3 | 16.4 | 16.4 | Negligible | 16.4 | 16.5 | Negligible |
| HH50 | 17.5 | 16.6 | 16.6 | Negligible | 16.7 | 16.7 | Negligible |
| HH51 | 17.6 | 16.7 | 16.7 | Negligible | 16.7 | 16.8 | Negligible |

| ID | 2014 | 2022 | | | 2037 | | |
|------|------|------------|--------------|---------------------|------------|--------------|---------------------|
| | Base | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | Magnitude of Impact |
| HH52 | 17.4 | 16.6 | 16.6 | Negligible | 16.6 | 16.6 | Negligible |

Table 7.3.6 Annual Mean NOx Concentrations at Assessed Designated Sites

| ID | Designated Site | 2014 | 2022 | | | 2037 | | |
|-------|--------------------------------|------|------------|--------------|---------------------|------------|--------------|---------------------|
| | | Base | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | MagnidTue of Impact |
| Eco1 | Fforestganol A Chwm Nofydd - A | 26.4 | 18.1 | 18.4 | Negligible | 16.8 | 17.1 | Negligible |
| Eco2 | Fforestganol A Chwm Nofydd - B | 25.5 | 17.7 | 17.9 | Negligible | 16.4 | 16.6 | Negligible |
| Eco3 | St Brides North - A | 25.6 | 20.1 | 29.2 | Major Adverse | 19.7 | 27.8 | Major Adverse |
| Eco4 | St Brides North - B | 25.6 | 20.1 | 23.1 | Major Adverse | 19.7 | 22.4 | Moderate Adverse |
| Eco5 | St Brides North - C | 25.6 | 20.1 | 21.9 | Moderate Adverse | 19.7 | 21.3 | Moderate Adverse |
| Eco6 | St Brides North - D | 25.6 | 20.1 | 21.3 | Minor Adverse | 19.7 | 20.8 | Minor Adverse |
| Eco7 | St Brides South - A | 25.5 | 20.0 | 28.5 | Major Adverse | 19.7 | 27.1 | Major Adverse |
| Eco8 | St Brides South - B | 25.5 | 20.0 | 22.7 | Moderate Adverse | 19.6 | 22.0 | Moderate Adverse |
| Eco9 | St Brides South - C | 25.5 | 20.0 | 21.6 | Moderate Adverse | 19.6 | 21.0 | Minor Adverse |
| Eco10 | St Brides South - D | 25.4 | 20.0 | 21.1 | Minor Adverse | 19.6 | 20.6 | Minor Adverse |
| Eco11 | River Usk North - A | 29.3 | 23.6 | 24.4 | Minor Adverse | 23.4 | 24.1 | Minor Adverse |
| Eco12 | River Usk North - B | 29.3 | 23.6 | 24.4 | Minor Adverse | 23.4 | 24.1 | Minor Adverse |
| Eco13 | River Usk North - C | 29.4 | 23.6 | 24.4 | Minor Adverse | 23.4 | 24.1 | Minor Adverse |
| Eco14 | River Usk North - D | 29.4 | 23.7 | 24.4 | Minor Adverse | 23.4 | 24.1 | Minor Adverse |
| Eco15 | River Usk North - E | 24.8 | 19.4 | 20.1 | Minor Adverse | 18.9 | 19.5 | Minor Adverse |
| Eco16 | River Usk South - A | 29.3 | 23.6 | 24.4 | Minor Adverse | 23.4 | 24.1 | Minor Adverse |
| Eco17 | River Usk South - B | 29.3 | 23.6 | 24.3 | Minor Adverse | 23.3 | 24.0 | Minor Adverse |
| Eco18 | River Usk South - C | 29.2 | 23.6 | 24.3 | Minor Adverse | 23.3 | 24.0 | Minor Adverse |
| Eco19 | River Usk South - D | 29.2 | 23.6 | 24.3 | Minor Adverse | 23.3 | 24.0 | Minor Adverse |
| Eco20 | River Usk South - E | 29.2 | 23.6 | 24.2 | Minor Adverse | 23.3 | 23.9 | Minor Adverse |
| Eco21 | Nash & Goldcliff North - A | 18.9 | 14.4 | 23.0 | Major Adverse | 14.0 | 21.8 | Major Adverse |
| Eco22 | Nash & Goldcliff North - B | 18.9 | 14.5 | 17.2 | Moderate Adverse | 14.0 | 16.4 | Moderate Adverse |
| Eco23 | Nash & Goldcliff North - C | 19.0 | 14.5 | 16.1 | Moderate Adverse | 14.0 | 15.4 | Minor Adverse |
| Eco24 | Nash & Goldcliff North - D | 19.0 | 14.5 | 15.6 | Minor Adverse | 14.0 | 15.1 | Minor Adverse |

| ID | Designated Site | 2014 | 2022 | | | 2037 | | |
|-------|-----------------------------|------|------------|--------------|---------------------|------------|--------------|---------------------|
| | | Base | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | MagnidTue of Impact |
| Eco25 | Nash & Goldcliff North - E | 19.0 | 14.5 | 15.4 | Minor Adverse | 14.0 | 14.9 | Minor Adverse |
| Eco26 | Nash & Goldcliff South - A | 18.9 | 14.4 | 23.9 | Major Adverse | 14.0 | 22.6 | Major Adverse |
| Eco27 | Nash & Goldcliff South - B | 18.9 | 14.4 | 17.6 | Major Adverse | 13.9 | 16.9 | Moderate Adverse |
| Eco28 | Nash & Goldcliff South - C | 18.8 | 14.4 | 16.4 | Moderate Adverse | 13.9 | 15.7 | Moderate Adverse |
| Eco29 | Nash & Goldcliff South - D | 18.8 | 14.4 | 15.8 | Minor Adverse | 13.9 | 15.2 | Minor Adverse |
| Eco30 | Nash & Goldcliff South - E | 18.8 | 14.4 | 15.6 | Minor Adverse | 13.9 | 15.1 | Minor Adverse |
| Eco31 | Whitson North - A | 14.9 | 11.2 | 20.9 | Major Adverse | 10.8 | 19.7 | Major Adverse |
| Eco32 | Whitson North - B | 15.0 | 11.2 | 14.4 | Major Adverse | 10.8 | 13.7 | Moderate Adverse |
| Eco33 | Whitson North - C | 15.0 | 11.3 | 13.1 | Moderate Adverse | 10.8 | 12.5 | Moderate Adverse |
| Eco34 | Whitson North - E | 15.1 | 11.3 | 12.3 | Minor Adverse | 10.8 | 11.8 | Minor Adverse |
| Eco35 | Whitson North - D | 15.0 | 11.3 | 12.6 | Minor Adverse | 10.8 | 12.0 | Minor Adverse |
| Eco36 | Whitson South - A | 14.9 | 11.2 | 18.9 | Major Adverse | 10.8 | 17.8 | Major Adverse |
| Eco37 | Whitson South - B | 14.9 | 11.2 | 13.9 | Moderate Adverse | 10.7 | 13.2 | Moderate Adverse |
| Eco38 | Whitson South - C | 14.8 | 11.2 | 12.8 | Moderate Adverse | 10.7 | 12.2 | Minor Adverse |
| Eco39 | Whitson South - D | 14.8 | 11.2 | 12.3 | Minor Adverse | 10.7 | 11.8 | Minor Adverse |
| Eco40 | Whitson South - E | 14.8 | 11.2 | 12.1 | Minor Adverse | 10.7 | 11.6 | Minor Adverse |
| Eco41 | Llanmartin Meadows - A | 52.3 | 33.4 | 25.4 | Major Beneficial | 27.9 | 23.0 | Major Beneficial |
| Eco42 | Llanmartin Meadows - B | 30.4 | 19.5 | 17.2 | Moderate Beneficial | 17.3 | 15.8 | Minor Beneficial |
| Eco43 | Llanmartin Meadows - C | 26.0 | 17.3 | 15.9 | Minor Beneficial | 15.9 | 15.0 | Minor Beneficial |
| Eco44 | Llanmartin Meadows - D | 24.1 | 16.5 | 15.5 | Minor Beneficial | 15.3 | 14.6 | Minor Beneficial |
| Eco45 | Llanmartin Meadows - E | 23.3 | 16.1 | 15.3 | Minor Beneficial | 15.0 | 14.5 | Minor Beneficial |
| Eco46 | Redwick and Llandevenny - A | 15.5 | 11.7 | 19.8 | Major Adverse | 11.3 | 18.8 | Major Adverse |
| Eco47 | Redwick and Llandevenny - B | 15.2 | 11.4 | 14.0 | Moderate Adverse | 10.9 | 13.3 | Moderate Adverse |

| ID | Designated Site | 2014 | 2022 | | | 2037 | | |
|-------|-----------------------------------|------|------------|--------------|---------------------|------------|--------------|---------------------|
| | | Base | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | MagnidTue of Impact |
| Eco48 | Redwick and Llandevenny - C | 15.6 | 11.7 | 13.1 | Minor Adverse | 11.1 | 12.5 | Minor Adverse |
| Eco49 | Redwick and Llandevenny - D | 19.2 | 14.5 | 15.0 | Minor Adverse | 13.7 | 14.3 | Minor Adverse |
| Eco50 | Redwick and Llandevenny - E | 20.7 | 16.2 | 15.2 | Minor Beneficial | 14.8 | 14.5 | Negligible |
| Eco51 | Redwick and Llandevenny South - A | 15.4 | 11.7 | 21.5 | Major Adverse | 11.2 | 20.2 | Major Adverse |
| Eco52 | Redwick and Llandevenny South - B | 15.3 | 11.6 | 14.6 | Moderate Adverse | 11.2 | 13.9 | Moderate Adverse |
| Eco53 | Redwick and Llandevenny South - C | 15.3 | 11.6 | 13.3 | Moderate Adverse | 11.2 | 12.8 | Moderate Adverse |
| Eco54 | Redwick and Llandevenny South - D | 15.2 | 11.6 | 12.7 | Minor Adverse | 11.1 | 12.2 | Minor Adverse |
| Eco55 | Redwick and Llandevenny South - E | 15.2 | 11.5 | 12.5 | Minor Adverse | 11.1 | 12.0 | Minor Adverse |
| Eco56 | Magor and Undy - A | 20.8 | 15.8 | 15.6 | Negligible | 15.3 | 15.3 | Negligible |
| Eco57 | Magor and Undy - B | 20.1 | 15.4 | 15.4 | Negligible | 15.0 | 15.1 | Negligible |
| Eco58 | Magor and Undy - C | 19.9 | 15.3 | 15.4 | Negligible | 14.9 | 15.0 | Negligible |
| Eco59 | Magor and Undy - D | 19.8 | 15.2 | 15.3 | Negligible | 14.9 | 15.0 | Negligible |
| Eco60 | Nedern Brook Wetlands North - A | 25.8 | 22.2 | 18.0 | Major Benefical | 19.0 | 18.1 | Minor Beneficial |
| Eco61 | Nedern Brook Wetlands North - B | 17.7 | 13.6 | 13.0 | Minor Beneficial | 12.7 | 12.5 | Negligible |
| Eco62 | Nedern Brook Wetlands North - C | 16.9 | 12.8 | 12.5 | Minor Beneficial | 12.1 | 12.0 | Negligible |
| Eco63 | Nedern Brook Wetlands North - D | 16.6 | 12.5 | 12.3 | Negligible | 11.9 | 11.8 | Negligible |
| Eco64 | Nedern Brook Wetlands North - E | 16.4 | 12.4 | 12.2 | Negligible | 11.8 | 11.7 | Negligible |
| Eco65 | Nedern Brook Wetlands South - A | 23.7 | 18.1 | 16.8 | Minor Beneficial | 16.8 | 16.4 | Minor Beneficial |
| Eco66 | Nedern Brook Wetlands South - B | 18.0 | 13.6 | 13.2 | Minor Beneficial | 12.8 | 12.7 | Negligible |

| ID | Designated Site | 2014 | 2022 | | | 2037 | | |
|-------|---------------------------------|------|------------|--------------|---------------------|------------|--------------|---------------------|
| | | Base | Do Minimum | Do Something | Magnitude of Impact | Do Minimum | Do Something | MagnidTue of Impact |
| Eco67 | Nedern Brook Wetlands South - C | 17.1 | 12.9 | 12.6 | Negligible | 12.2 | 12.1 | Negligible |
| Eco68 | Nedern Brook Wetlands South - D | 16.8 | 12.6 | 12.4 | Negligible | 11.9 | 11.9 | Negligible |
| Eco69 | Nedern Brook Wetlands South - E | 16.6 | 12.5 | 12.3 | Negligible | 11.8 | 11.8 | Negligible |
| Eco70 | Severn Estuary North - A | 47.2 | 33.5 | 33.8 | Minor Adverse | 27.9 | 28.7 | Minor Adverse |
| Eco71 | Severn Estuary North - B | 30.5 | 20.6 | 20.7 | Negligible | 19.0 | 19.3 | Negligible |
| Eco72 | Severn Estuary North - C | 26.5 | 18.5 | 18.6 | Negligible | 17.4 | 17.6 | Negligible |
| Eco73 | Severn Estuary North - D | 24.8 | 17.7 | 17.8 | Negligible | 16.8 | 16.9 | Negligible |
| Eco74 | Severn Estuary North - E | 24.0 | 17.3 | 17.3 | Negligible | 16.4 | 16.5 | Negligible |
| Eco75 | Severn Estuary South - A | 62.1 | 45.3 | 45.8 | Minor Adverse | 38.6 | 39.7 | Minor Adverse |
| Eco76 | Severn Estuary South - B | 28.9 | 19.8 | 19.9 | Negligible | 18.5 | 18.7 | Negligible |
| Eco77 | Severn Estuary South - C | 25.2 | 17.8 | 17.9 | Negligible | 16.9 | 17.0 | Negligible |
| Eco78 | Severn Estuary South - D | 23.7 | 17.1 | 17.1 | Negligible | 16.3 | 16.4 | Negligible |
| Eco79 | Severn Estuary South - E | 22.9 | 16.7 | 16.7 | Negligible | 16.0 | 16.1 | Negligible |
| Eco80 | River Wye - A | 25.5 | 21.3 | 18.6 | Moderate Beneficial | 19.5 | 18.4 | Minor Beneficial |
| Eco81 | River Wye - B | 17.6 | 14.0 | 13.2 | Minor Beneficial | 13.3 | 13.0 | Minor Beneficial |
| Eco82 | River Wye - C | 16.4 | 13.0 | 12.5 | Minor Beneficial | 12.4 | 12.2 | Negligible |
| Eco83 | River Wye - D | 15.9 | 12.5 | 12.1 | Minor Beneficial | 12.0 | 11.8 | Negligible |
| Eco84 | River Wye - E | 15.6 | 12.2 | 11.9 | Negligible | 11.7 | 11.6 | Negligible |

Table 7.3.7 2022 Opening Year Nitrogen Deposition Rates (kg N/ha/yr)

| ID | Designated Site | IAN 185/15 | | | IAN170/12 | | |
|-------|--------------------------------|------------|--------------|-------------------------------|------------|--------------|-------------------------------|
| | | Do Minimum | Do Something | Change in Nitrogen deposition | Do Minimum | Do Something | Change in Nitrogen deposition |
| Eco1 | Fforestganol A Chwm Nofydd - A | 14.4 | 14.4 | 0.0 | 14.5 | 14.5 | 0.0 |
| Eco2 | Fforestganol A Chwm Nofydd - B | 14.4 | 14.4 | 0.0 | 14.4 | 14.5 | 0.0 |
| Eco3 | St Brides North - A | 8.0 | 8.5 | 0.0 | 8.0 | 8.5 | 0.0 |
| Eco4 | St Brides North - B | 8.0 | 8.2 | 0.1 | 8.0 | 8.2 | 0.0 |
| Eco5 | St Brides North - C | 8.0 | 8.1 | 0.0 | 8.0 | 8.1 | 0.0 |
| Eco6 | St Brides North - D | 8.0 | 8.1 | 0.0 | 8.0 | 8.1 | 0.0 |
| Eco7 | St Brides South - A | 8.0 | 8.4 | 0.0 | 8.0 | 8.4 | 0.0 |
| Eco8 | St Brides South - B | 8.0 | 8.1 | 0.0 | 8.0 | 8.1 | 0.0 |
| Eco9 | St Brides South - C | 8.0 | 8.1 | 0.0 | 8.0 | 8.1 | 0.0 |
| Eco10 | St Brides South - D | 8.0 | 8.1 | 0.0 | 8.0 | 8.1 | 0.0 |
| Eco11 | River Usk North - A | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco12 | River Usk North - B | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco13 | River Usk North - C | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco14 | River Usk North - D | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco15 | River Usk North - E | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco16 | River Usk South - A | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco17 | River Usk South - B | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco18 | River Usk South - C | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco19 | River Usk South - D | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco20 | River Usk South - E | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco21 | Nash & Goldcliff North - A | 12.8 | 13.3 | 0.5 | 12.8 | 13.3 | 0.5 |
| Eco22 | Nash & Goldcliff North - B | 12.8 | 13.0 | 0.2 | 12.8 | 13.0 | 0.2 |
| Eco23 | Nash & Goldcliff North - C | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco24 | Nash & Goldcliff North - D | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco25 | Nash & Goldcliff North - E | 12.8 | 12.9 | 0.4 | 12.8 | 12.9 | 0.4 |
| Eco26 | Nash & Goldcliff South - A | 12.8 | 13.3 | 0.1 | 12.8 | 13.3 | 0.1 |

| ID | Designated Site | IAN 185/15 | | | IAN170/12 | | |
|-------|-----------------------------------|------------|--------------|-------------------------------|------------|--------------|-------------------------------|
| | | Do Minimum | Do Something | Change in Nitrogen deposition | Do Minimum | Do Something | Change in Nitrogen deposition |
| Eco27 | Nash & Goldcliff South - B | 12.8 | 13.0 | 0.1 | 12.8 | 13.0 | 0.1 |
| Eco28 | Nash & Goldcliff South - C | 12.8 | 12.9 | 0.1 | 12.8 | 12.9 | 0.1 |
| Eco29 | Nash & Goldcliff South - D | 12.8 | 12.9 | 0.5 | 12.8 | 12.9 | 0.5 |
| Eco30 | Nash & Goldcliff South - E | 12.8 | 12.9 | 0.2 | 12.8 | 12.9 | 0.2 |
| Eco31 | Whitson North - A | 11.9 | 12.4 | 0.1 | 11.9 | 12.4 | 0.1 |
| Eco32 | Whitson North - B | 11.9 | 12.1 | 0.1 | 11.9 | 12.1 | 0.1 |
| Eco33 | Whitson North - C | 11.9 | 12.0 | 0.1 | 11.9 | 12.0 | 0.1 |
| Eco34 | Whitson North - E | 11.9 | 12.0 | 0.5 | 11.9 | 12.0 | 0.5 |
| Eco35 | Whitson North - D | 11.9 | 12.0 | 0.2 | 11.9 | 12.0 | 0.2 |
| Eco36 | Whitson South - A | 11.9 | 12.3 | 0.1 | 11.9 | 12.3 | 0.1 |
| Eco37 | Whitson South - B | 11.9 | 12.1 | 0.1 | 11.9 | 12.1 | 0.1 |
| Eco38 | Whitson South - C | 11.9 | 12.0 | 0.1 | 11.9 | 12.0 | 0.1 |
| Eco39 | Whitson South - D | 11.9 | 12.0 | 0.5 | 11.9 | 12.0 | 0.5 |
| Eco40 | Whitson South - E | 11.9 | 12.0 | 0.2 | 11.9 | 12.0 | 0.2 |
| Eco41 | Llanmartin Meadows - A | 13.0 | 12.7 | 0.1 | 13.5 | 13.1 | 0.1 |
| Eco42 | Llanmartin Meadows - B | 12.6 | 12.5 | 0.1 | 12.8 | 12.6 | 0.1 |
| Eco43 | Llanmartin Meadows - C | 12.5 | 12.4 | 0.1 | 12.6 | 12.5 | 0.1 |
| Eco44 | Llanmartin Meadows - D | 12.5 | 12.4 | 0.4 | 12.5 | 12.5 | 0.4 |
| Eco45 | Llanmartin Meadows - E | 12.5 | 12.4 | 0.2 | 12.5 | 12.5 | 0.2 |
| Eco46 | Redwick and Llandevenny - A | 12.6 | 13.0 | 0.1 | 12.6 | 13.0 | 0.1 |
| Eco47 | Redwick and Llandevenny - B | 12.6 | 12.8 | 0.1 | 12.6 | 12.8 | 0.1 |
| Eco48 | Redwick and Llandevenny - C | 12.6 | 12.7 | 0.1 | 12.6 | 12.7 | 0.1 |
| Eco49 | Redwick and Llandevenny - D | 12.7 | 12.7 | 0.4 | 12.7 | 12.7 | 0.4 |
| Eco50 | Redwick and Llandevenny - E | 12.8 | 12.7 | 0.2 | 12.8 | 12.8 | 0.2 |
| Eco51 | Redwick and Llandevenny South - A | 12.6 | 13.1 | 0.1 | 12.6 | 13.1 | 0.1 |

| ID | Designated Site | IAN 185/15 | | | IAN170/12 | | |
|-------|------------------------------------|------------|--------------|-------------------------------|------------|--------------|-------------------------------|
| | | Do Minimum | Do Something | Change in Nitrogen deposition | Do Minimum | Do Something | Change in Nitrogen deposition |
| Eco52 | Redwick and Llandeveyney South - B | 12.6 | 12.8 | 0.0 | 12.6 | 12.8 | 0.0 |
| Eco53 | Redwick and Llandeveyney South - C | 12.6 | 12.7 | -0.1 | 12.6 | 12.7 | 0.0 |
| Eco54 | Redwick and Llandeveyney South - D | 12.6 | 12.7 | 0.5 | 12.6 | 12.7 | 0.5 |
| Eco55 | Redwick and Llandeveyney South - E | 12.6 | 12.7 | 0.2 | 12.6 | 12.7 | 0.2 |
| Eco56 | Magor and Undy - A | 12.6 | 12.6 | 0.1 | 12.6 | 12.6 | 0.1 |
| Eco57 | Magor and Undy - B | 12.6 | 12.6 | 0.1 | 12.6 | 12.6 | 0.1 |
| Eco58 | Magor and Undy - C | 12.6 | 12.6 | 0.1 | 12.6 | 12.6 | 0.1 |
| Eco59 | Magor and Undy - D | 12.6 | 12.6 | -0.3 | 12.6 | 12.6 | -0.4 |
| Eco60 | Nedern Brook Wetlands North - A | 12.5 | 12.3 | -0.1 | 12.6 | 12.4 | -0.2 |
| Eco61 | Nedern Brook Wetlands North - B | 12.1 | 12.0 | -0.1 | 12.1 | 12.0 | -0.1 |
| Eco62 | Nedern Brook Wetlands North - C | 12.0 | 12.0 | -0.1 | 12.0 | 12.0 | 0.0 |
| Eco63 | Nedern Brook Wetlands North - D | 12.0 | 12.0 | -0.1 | 12.0 | 12.0 | 0.0 |
| Eco64 | Nedern Brook Wetlands North - E | 12.0 | 12.0 | 0.0 | 12.0 | 12.0 | 0.0 |
| Eco65 | Nedern Brook Wetlands South - A | 12.3 | 12.2 | 0.0 | 12.4 | 12.3 | 0.0 |
| Eco66 | Nedern Brook Wetlands South - B | 12.1 | 12.0 | 0.0 | 12.1 | 12.0 | 0.0 |
| Eco67 | Nedern Brook Wetlands South - C | 12.0 | 12.0 | 0.0 | 12.0 | 12.0 | 0.0 |
| Eco68 | Nedern Brook Wetlands South - D | 12.0 | 12.0 | -0.2 | 12.0 | 12.0 | -0.2 |
| Eco69 | Nedern Brook Wetlands South - E | 12.0 | 12.0 | -0.1 | 12.0 | 12.0 | -0.1 |
| Eco70 | Severn Estuary North - A | 10.3 | 10.3 | 0.0 | 10.8 | 10.8 | 0.0 |

| ID | Designated Site | IAN 185/15 | | | IAN170/12 | | |
|-------|--------------------------|------------|--------------|-------------------------------|------------|--------------|-------------------------------|
| | | Do Minimum | Do Something | Change in Nitrogen deposition | Do Minimum | Do Something | Change in Nitrogen deposition |
| Eco71 | Severn Estuary North - B | 9.9 | 9.9 | 0.0 | 10.0 | 10.0 | 0.0 |
| Eco72 | Severn Estuary North - C | 9.8 | 9.8 | 0.0 | 9.9 | 9.9 | 0.0 |
| Eco73 | Severn Estuary North - D | 9.7 | 9.8 | -0.1 | 9.8 | 9.8 | -0.1 |
| Eco74 | Severn Estuary North - E | 9.7 | 9.7 | -0.1 | 9.7 | 9.7 | -0.1 |
| Eco75 | Severn Estuary South - A | 10.7 | 10.7 | 0.0 | 11.4 | 11.4 | 0.0 |
| Eco76 | Severn Estuary South - B | 9.9 | 9.9 | 0.0 | 10.0 | 10.0 | 0.0 |
| Eco77 | Severn Estuary South - C | 9.8 | 9.8 | 0.0 | 9.8 | 9.8 | 0.0 |
| Eco78 | Severn Estuary South - D | 9.7 | 9.7 | 0.0 | 9.7 | 9.7 | 0.0 |
| Eco79 | Severn Estuary South - E | 9.7 | 9.7 | 0.0 | 9.7 | 9.7 | 0.1 |
| Eco80 | River Wye - A | 14.8 | 14.7 | -0.1 | 15.0 | 14.8 | -0.2 |
| Eco81 | River Wye - B | 14.4 | 14.4 | 0.0 | 14.5 | 14.4 | -0.1 |
| Eco82 | River Wye - C | 14.4 | 14.4 | 0.0 | 14.4 | 14.4 | 0.0 |
| Eco83 | River Wye - D | 14.4 | 14.3 | -0.1 | 14.4 | 14.3 | -0.1 |
| Eco84 | River Wye - E | 14.4 | 14.3 | -0.1 | 14.4 | 14.3 | -0.1 |

Table 7.3.8 2037 Future Year Nitrogen Deposition Rates (kg N/ha/yr)

| ID | Designated Site | IAN 185/15 | | | Change in Nitrogen deposition | IAN170/12 | | |
|-------|--------------------------------|------------|--------------|------------|-------------------------------|--------------|-------------------------------|--|
| | | Do Minimum | Do Something | Do Minimum | | Do Something | Change in Nitrogen deposition | |
| Eco1 | Fforestganol A Chwm Nofydd - A | 10.7 | 10.7 | 0.1 | 10.7 | 10.7 | 0.0 | |
| Eco2 | Fforestganol A Chwm Nofydd - B | 10.7 | 10.7 | 0.0 | 10.7 | 10.7 | 0.0 | |
| Eco3 | St Brides North - A | 5.9 | 6.3 | 0.0 | 5.9 | 6.3 | 0.1 | |
| Eco4 | St Brides North - B | 5.9 | 6.1 | 0.0 | 5.9 | 6.1 | 0.0 | |
| Eco5 | St Brides North - C | 5.9 | 6.0 | 0.0 | 5.9 | 6.0 | 0.0 | |
| Eco6 | St Brides North - D | 5.9 | 6.0 | 0.1 | 5.9 | 6.0 | 0.0 | |
| Eco7 | St Brides South - A | 5.9 | 6.3 | 0.0 | 5.9 | 6.3 | 0.0 | |
| Eco8 | St Brides South - B | 5.9 | 6.0 | 0.0 | 5.9 | 6.0 | 0.0 | |
| Eco9 | St Brides South - C | 5.9 | 6.0 | 0.0 | 5.9 | 6.0 | 0.0 | |
| Eco10 | St Brides South - D | 5.9 | 6.0 | 0.0 | 5.9 | 6.0 | 0.0 | |
| Eco11 | River Usk North - A | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco12 | River Usk North - B | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco13 | River Usk North - C | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco14 | River Usk North - D | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco15 | River Usk North - E | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco16 | River Usk South - A | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco17 | River Usk South - B | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco18 | River Usk South - C | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco19 | River Usk South - D | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco20 | River Usk South - E | 9.5 | 9.5 | 0.0 | 9.5 | 9.5 | 0.0 | |
| Eco21 | Nash & Goldcliff North - A | 9.5 | 9.9 | 0.4 | 9.5 | 9.9 | 0.4 | |
| Eco22 | Nash & Goldcliff North - B | 9.5 | 9.6 | 0.2 | 9.5 | 9.6 | 0.2 | |
| Eco23 | Nash & Goldcliff North - C | 9.5 | 9.6 | 0.1 | 9.5 | 9.6 | 0.1 | |
| Eco24 | Nash & Goldcliff North - D | 9.5 | 9.5 | 0.1 | 9.5 | 9.5 | 0.1 | |
| Eco25 | Nash & Goldcliff North - E | 9.5 | 9.5 | 0.4 | 9.5 | 9.5 | 0.4 | |

| ID | Designated Site | IAN 185/15 | | | IAN170/12 | | |
|-------|-----------------------------|------------|--------------|-------------------------------|------------|--------------|-------------------------------|
| | | Do Minimum | Do Something | Change in Nitrogen deposition | Do Minimum | Do Something | Change in Nitrogen deposition |
| Eco26 | Nash & Goldcliff South - A | 9.5 | 9.9 | 0.1 | 9.5 | 9.9 | 0.1 |
| Eco27 | Nash & Goldcliff South - B | 9.5 | 9.6 | 0.1 | 9.5 | 9.6 | 0.1 |
| Eco28 | Nash & Goldcliff South - C | 9.5 | 9.6 | 0.1 | 9.5 | 9.6 | 0.1 |
| Eco29 | Nash & Goldcliff South - D | 9.5 | 9.5 | 0.4 | 9.5 | 9.5 | 0.4 |
| Eco30 | Nash & Goldcliff South - E | 9.5 | 9.5 | 0.1 | 9.5 | 9.5 | 0.1 |
| Eco31 | Whitson North - A | 8.8 | 9.3 | 0.1 | 8.8 | 9.3 | 0.1 |
| Eco32 | Whitson North - B | 8.8 | 9.0 | 0.0 | 8.8 | 9.0 | 0.0 |
| Eco33 | Whitson North - C | 8.8 | 8.9 | 0.0 | 8.8 | 8.9 | 0.0 |
| Eco34 | Whitson North - E | 8.8 | 8.9 | 0.4 | 8.8 | 8.9 | 0.4 |
| Eco35 | Whitson North - D | 8.8 | 8.9 | 0.1 | 8.8 | 8.9 | 0.1 |
| Eco36 | Whitson South - A | 8.8 | 9.2 | 0.1 | 8.8 | 9.2 | 0.1 |
| Eco37 | Whitson South - B | 8.8 | 8.9 | 0.0 | 8.8 | 8.9 | 0.0 |
| Eco38 | Whitson South - C | 8.8 | 8.9 | 0.0 | 8.8 | 8.9 | 0.0 |
| Eco39 | Whitson South - D | 8.8 | 8.9 | 0.5 | 8.8 | 8.9 | 0.5 |
| Eco40 | Whitson South - E | 8.8 | 8.8 | 0.2 | 8.8 | 8.8 | 0.2 |
| Eco41 | Llanmartin Meadows - A | 9.7 | 9.4 | 0.1 | 10.2 | 9.9 | 0.1 |
| Eco42 | Llanmartin Meadows - B | 9.3 | 9.2 | 0.1 | 9.5 | 9.4 | 0.1 |
| Eco43 | Llanmartin Meadows - C | 9.2 | 9.2 | 0.1 | 9.3 | 9.3 | 0.1 |
| Eco44 | Llanmartin Meadows - D | 9.2 | 9.2 | 0.4 | 9.2 | 9.2 | 0.4 |
| Eco45 | Llanmartin Meadows - E | 9.2 | 9.2 | 0.1 | 9.2 | 9.2 | 0.1 |
| Eco46 | Redwick and Llandevenny - A | 9.3 | 9.7 | 0.1 | 9.3 | 9.7 | 0.1 |
| Eco47 | Redwick and Llandevenny - B | 9.3 | 9.4 | 0.1 | 9.3 | 9.4 | 0.1 |
| Eco48 | Redwick and Llandevenny - C | 9.3 | 9.4 | 0.0 | 9.3 | 9.4 | 0.0 |
| Eco49 | Redwick and Llandevenny - D | 9.4 | 9.4 | 0.4 | 9.4 | 9.4 | 0.4 |
| Eco50 | Redwick and Llandevenny - | 9.4 | 9.4 | 0.1 | 9.4 | 9.4 | 0.1 |

| ID | Designated Site | IAN 185/15 | | | IAN170/12 | | |
|-------|----------------------------------|------------|--------------|-------------------------------|------------|--------------|-------------------------------|
| | | Do Minimum | Do Something | Change in Nitrogen deposition | Do Minimum | Do Something | Change in Nitrogen deposition |
| | E | | | | | | |
| Eco51 | Redwick and Llandeenny South - A | 9.3 | 9.8 | 0.1 | 9.3 | 9.8 | 0.1 |
| Eco52 | Redwick and Llandeenny South - B | 9.3 | 9.5 | 0.0 | 9.3 | 9.5 | 0.0 |
| Eco53 | Redwick and Llandeenny South - C | 9.3 | 9.4 | 0.0 | 9.3 | 9.4 | 0.0 |
| Eco54 | Redwick and Llandeenny South - D | 9.3 | 9.4 | 0.5 | 9.3 | 9.4 | 0.5 |
| Eco55 | Redwick and Llandeenny South - E | 9.3 | 9.4 | 0.2 | 9.3 | 9.4 | 0.2 |
| Eco56 | Magor and Undy - A | 9.3 | 9.3 | 0.1 | 9.3 | 9.3 | 0.1 |
| Eco57 | Magor and Undy - B | 9.3 | 9.3 | 0.1 | 9.3 | 9.3 | 0.1 |
| Eco58 | Magor and Undy - C | 9.3 | 9.3 | 0.1 | 9.3 | 9.3 | 0.1 |
| Eco59 | Magor and Undy - D | 9.3 | 9.3 | -0.3 | 9.3 | 9.3 | -0.3 |
| Eco60 | Nedern Brook Wetlands North - A | 9.2 | 9.2 | -0.1 | 9.4 | 9.3 | -0.1 |
| Eco61 | Nedern Brook Wetlands North - B | 8.9 | 8.9 | 0.0 | 8.9 | 8.9 | 0.0 |
| Eco62 | Nedern Brook Wetlands North - C | 8.9 | 8.9 | 0.0 | 8.9 | 8.9 | 0.0 |
| Eco63 | Nedern Brook Wetlands North - D | 8.9 | 8.9 | 0.0 | 8.9 | 8.9 | 0.0 |
| Eco64 | Nedern Brook Wetlands North - E | 8.9 | 8.8 | 0.0 | 8.9 | 8.8 | 0.0 |
| Eco65 | Nedern Brook Wetlands South - A | 9.1 | 9.1 | 0.0 | 9.2 | 9.2 | 0.0 |
| Eco66 | Nedern Brook Wetlands South - B | 8.9 | 8.9 | 0.0 | 8.9 | 8.9 | 0.0 |
| Eco67 | Nedern Brook Wetlands South - C | 8.9 | 8.9 | 0.0 | 8.9 | 8.9 | 0.0 |
| Eco68 | Nedern Brook Wetlands South - D | 8.9 | 8.9 | 0.0 | 8.9 | 8.9 | -0.1 |

| ID | Designated Site | IAN 185/15 | | | IAN170/12 | | |
|-------|---------------------------------|------------|--------------|-------------------------------|------------|--------------|-------------------------------|
| | | Do Minimum | Do Something | Change in Nitrogen deposition | Do Minimum | Do Something | Change in Nitrogen deposition |
| Eco69 | Nedern Brook Wetlands South - E | 8.9 | 8.9 | 0.0 | 8.9 | 8.9 | 0.0 |
| Eco70 | Severn Estuary North - A | 7.6 | 7.7 | 0.0 | 8.1 | 8.1 | 0.0 |
| Eco71 | Severn Estuary North - B | 7.3 | 7.3 | 0.0 | 7.4 | 7.4 | 0.0 |
| Eco72 | Severn Estuary North - C | 7.2 | 7.2 | -0.1 | 7.2 | 7.3 | -0.1 |
| Eco73 | Severn Estuary North - D | 7.2 | 7.2 | 0.0 | 7.2 | 7.2 | 0.0 |
| Eco74 | Severn Estuary North - E | 7.2 | 7.2 | 0.0 | 7.2 | 7.2 | 0.0 |
| Eco75 | Severn Estuary South - A | 7.9 | 8.0 | 0.0 | 8.7 | 8.7 | 0.0 |
| Eco76 | Severn Estuary South - B | 7.3 | 7.3 | 0.0 | 7.4 | 7.4 | 0.0 |
| Eco77 | Severn Estuary South - C | 7.2 | 7.2 | 0.0 | 7.2 | 7.2 | 0.0 |
| Eco78 | Severn Estuary South - D | 7.2 | 7.2 | 0.0 | 7.2 | 7.2 | 0.0 |
| Eco79 | Severn Estuary South - E | 7.2 | 7.2 | 0.0 | 7.2 | 7.2 | 0.0 |
| Eco80 | River Wye - A | 11.0 | 10.9 | -0.1 | 11.1 | 11.1 | 0.0 |
| Eco81 | River Wye - B | 10.7 | 10.7 | 0.0 | 10.7 | 10.7 | 0.0 |
| Eco82 | River Wye - C | 10.6 | 10.6 | 0.0 | 10.6 | 10.6 | 0.0 |
| Eco83 | River Wye - D | 10.6 | 10.6 | 0.0 | 10.6 | 10.6 | 0.0 |
| Eco84 | River Wye - E | 10.6 | 10.6 | 0.0 | 10.6 | 10.6 | 0.0 |