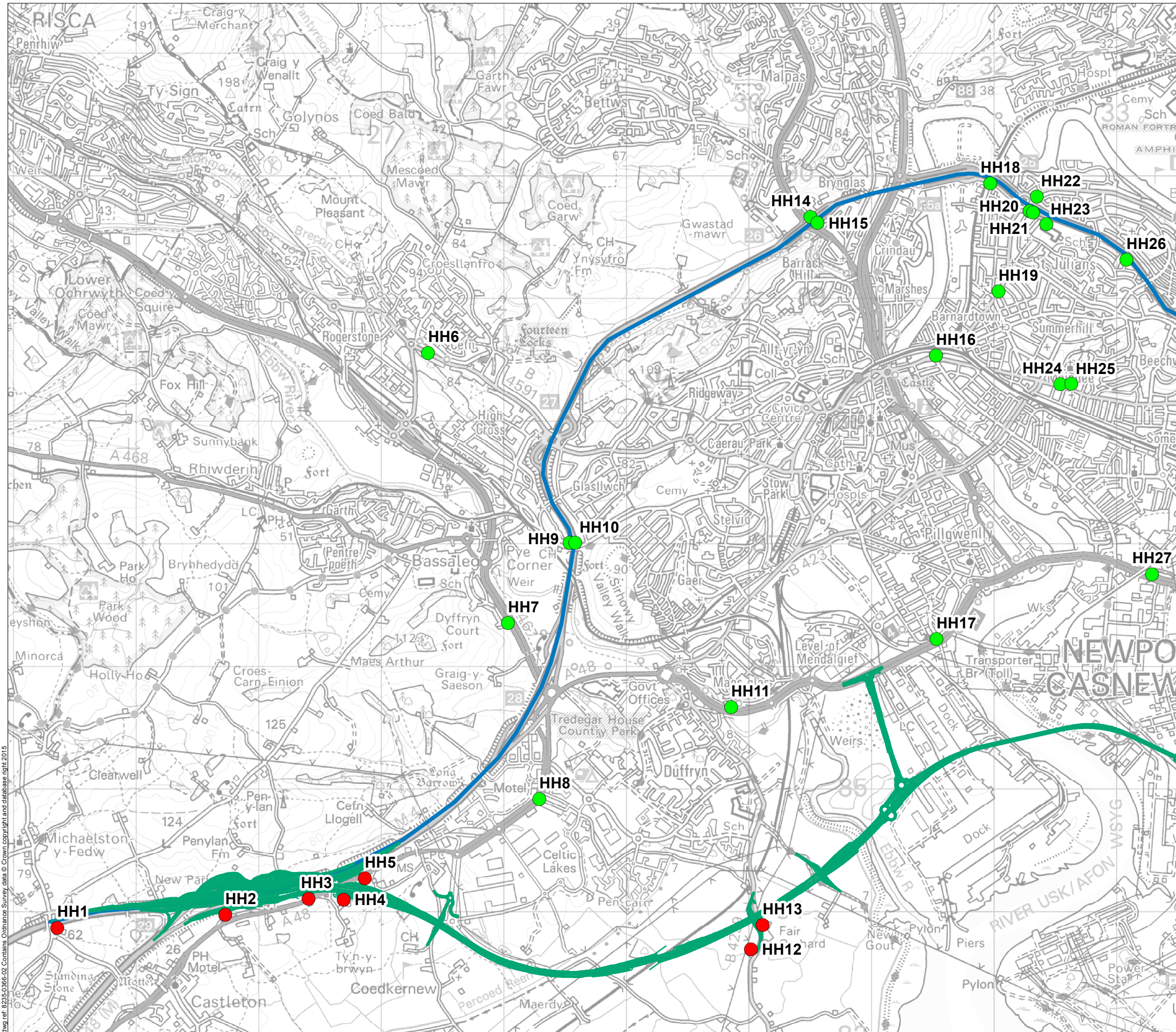




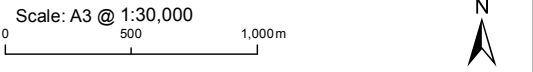
- Legend**
- New section of Motorway
 - Existing M4 Corridor
 - Decrease in Pollutant Concentrations
 - No Change in Pollutant Concentrations
 - Increase in Pollutant Concentrations

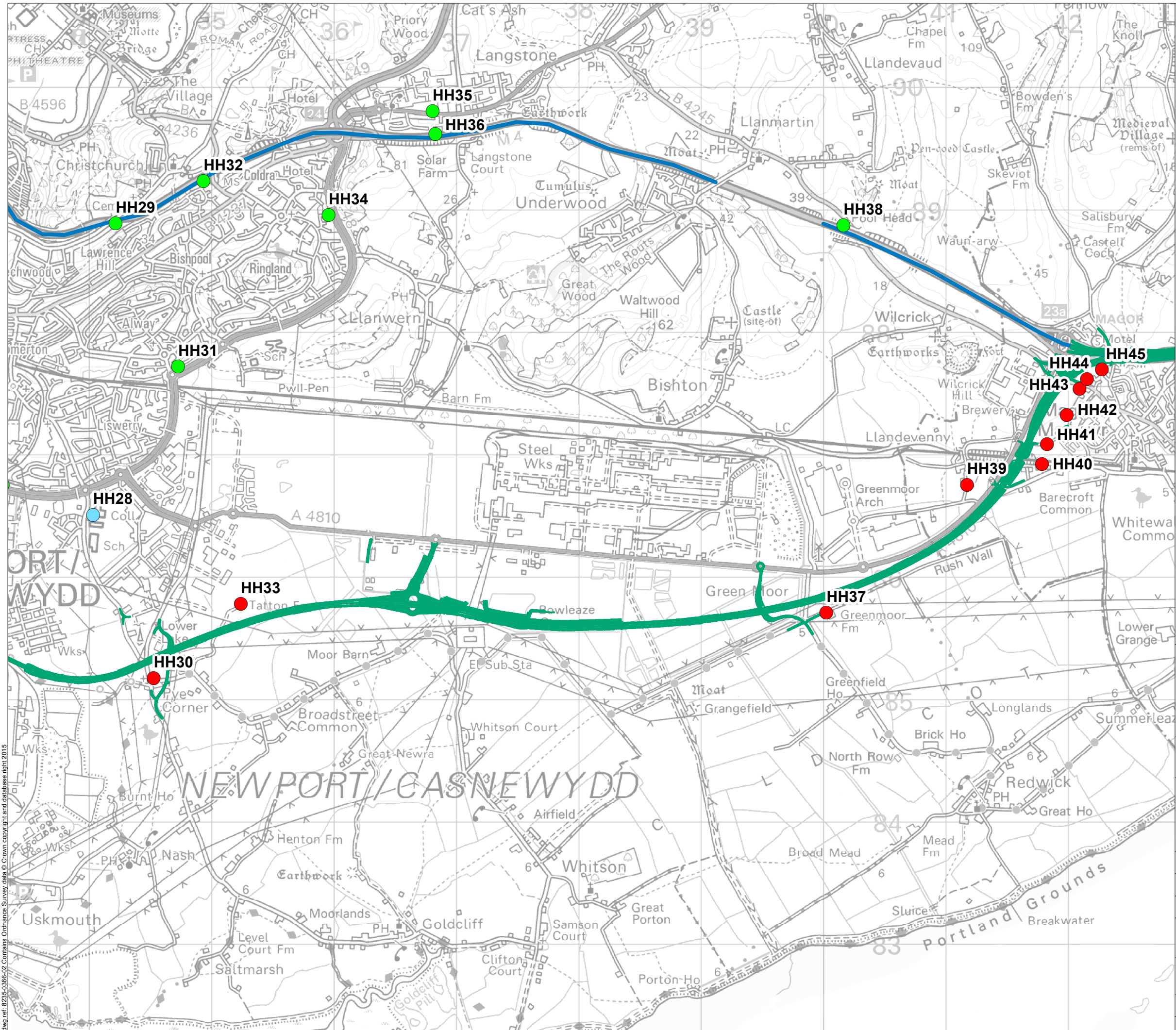


Environmental Statement

Operational Air Quality Assessment

Figure: 7.11a	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS/LAS	Checked: LM





- Legend**
- New section of Motorway
 - Existing M4 Corridor
 - Decrease in Pollutant Concentrations
 - No Change in Pollutant Concentrations
 - Increase in Pollutant Concentrations

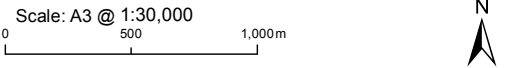


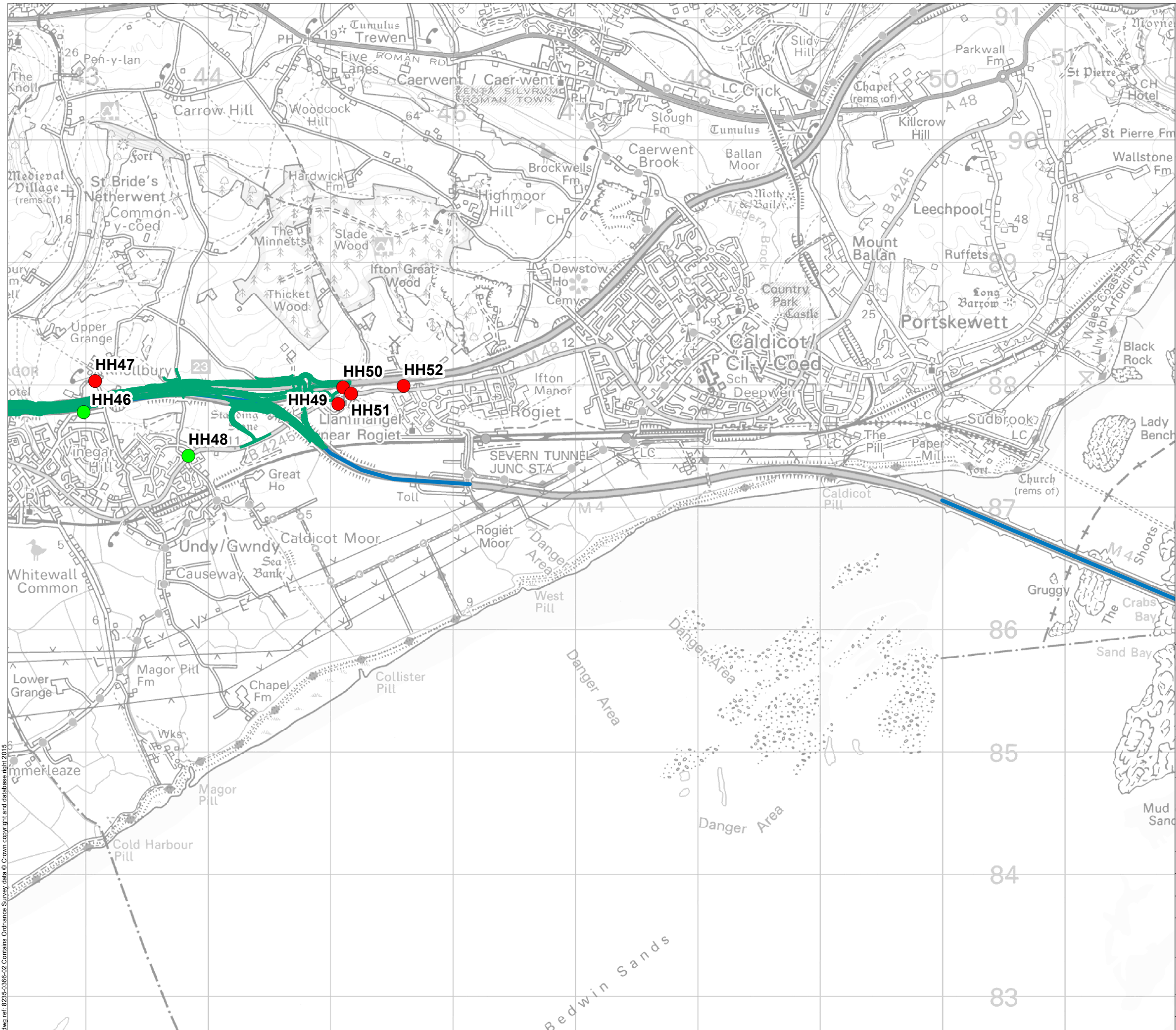
Llywodraeth Cymru
Welsh Government

Environmental Statement

Operational Air Quality Assessment

Figure: 7.11b	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS/LAS	Checked: LM





- Legend**
- New section of Motorway
 - Existing M4 Corridor
 - Decrease in Pollutant Concentrations
 - No Change in Pollutant Concentrations
 - Increase in Pollutant Concentrations

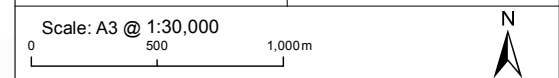


Llywodraeth Cymru
Welsh Government

Environmental Statement

Operational Air Quality Assessment

Figure: 7.11c	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS/LAS	Checked: LM





Legend
Do Minimum Annual Mean NO₂ Concentrations (µg/m³)

- > 40
- 30 - 40
- 20 - 30
- 10 - 20
- 7 - 10



Llywodraeth Cymru
Welsh Government

Environmental Statement

Do Minimum (2022) Annual Mean NO₂ Concentrations (µg/m³)

Figure: 7.12a(I)

Revision: -

Date: March 2016

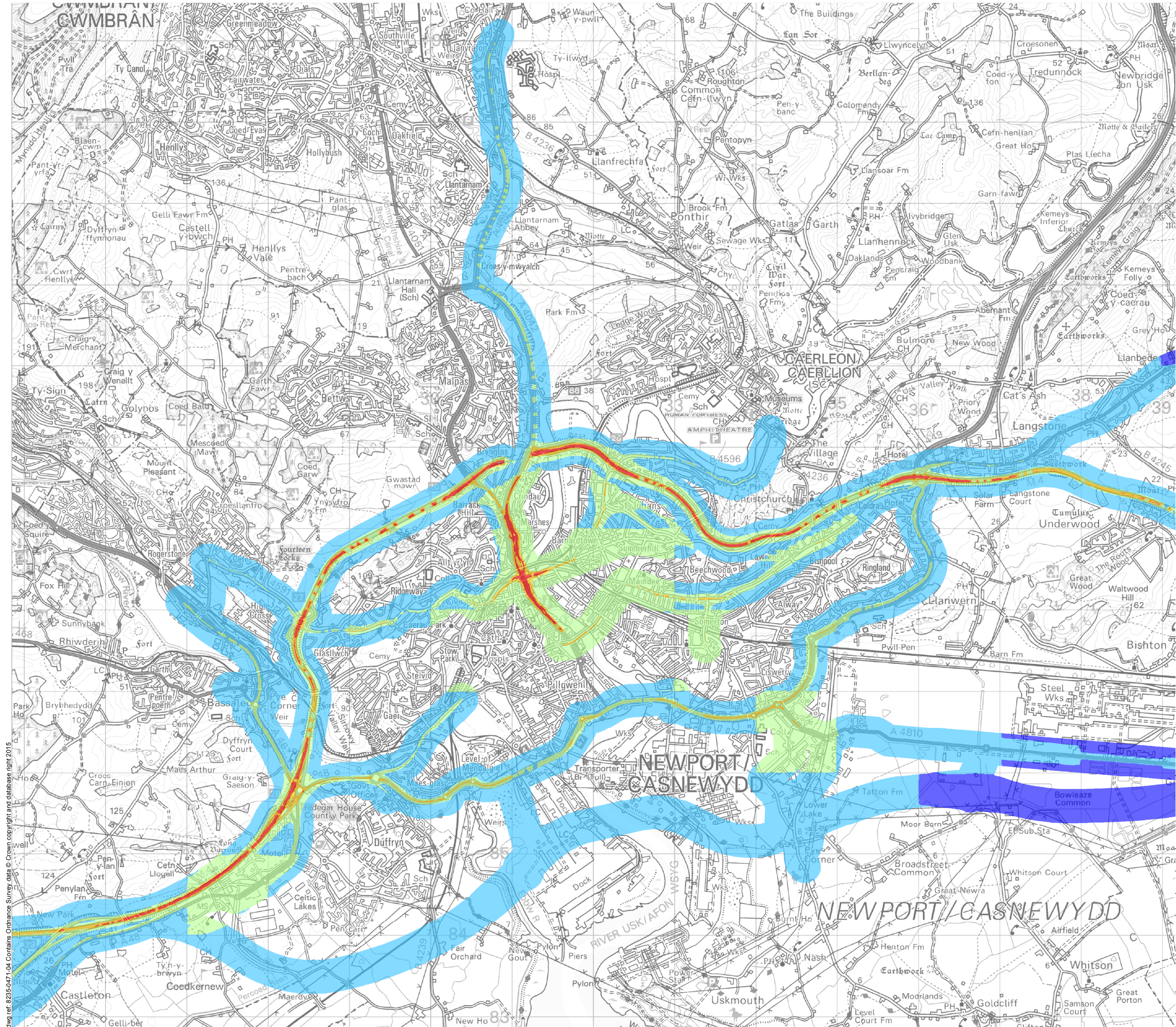
Status: AT ISSUE

Drawn: MS

Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m





Legend
Do Minimum Annual Mean NO₂ Concentrations (µg/m³)

- > 40
- 30 - 40
- 20 - 30
- 10 - 20
- 7 - 10



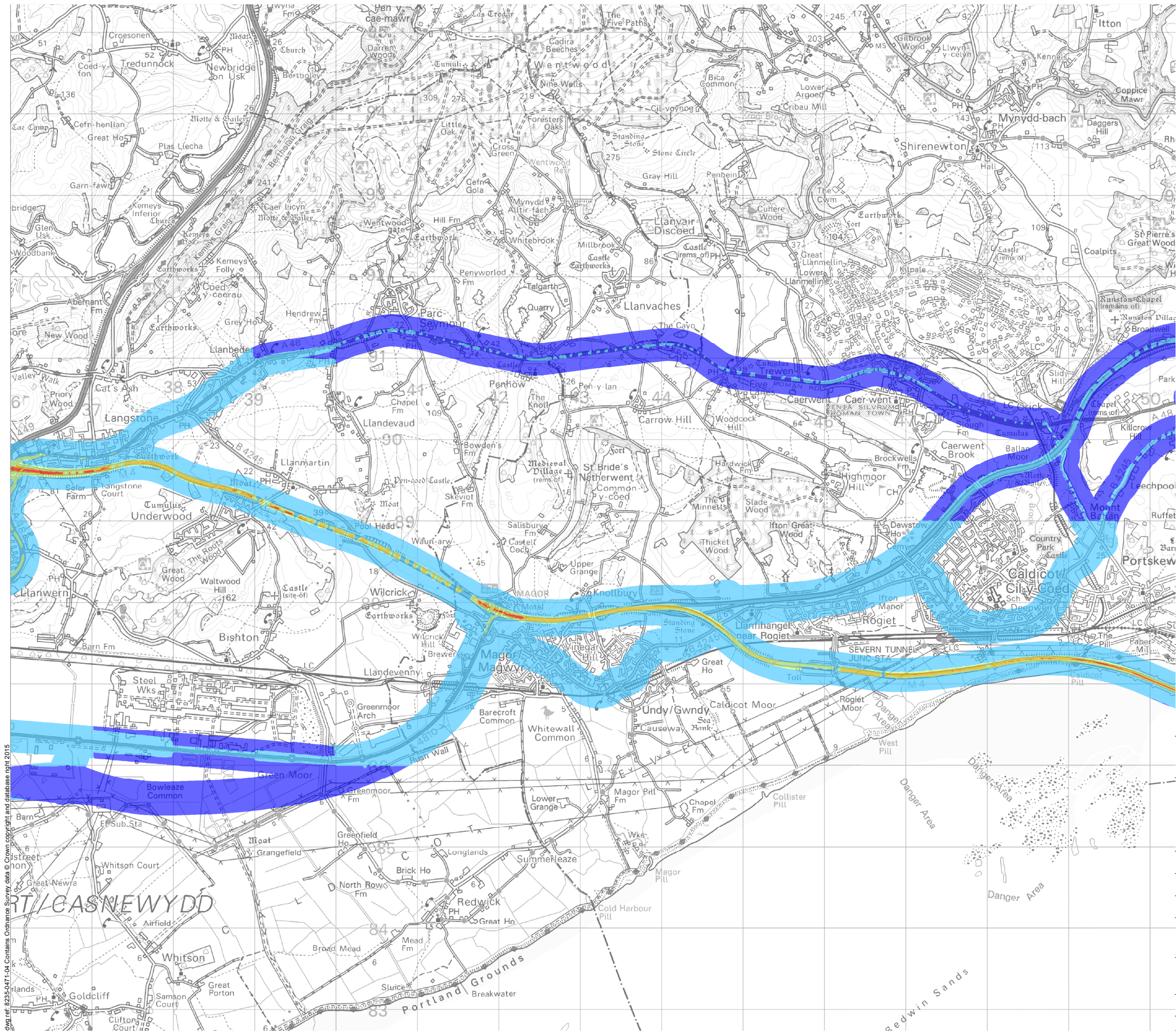
Llywodraeth Cymru
Welsh Government

Environmental Statement

Do Minimum (2022) Annual Mean NO₂ Concentrations (µg/m³)

Figure: 7.12a(II)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS





Legend
Do Minimum Annual Mean NO₂ Concentrations (µg/m³)

- > 40
- 30 - 40
- 20 - 30
- 10 - 20
- 7 - 10



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Welsh Government

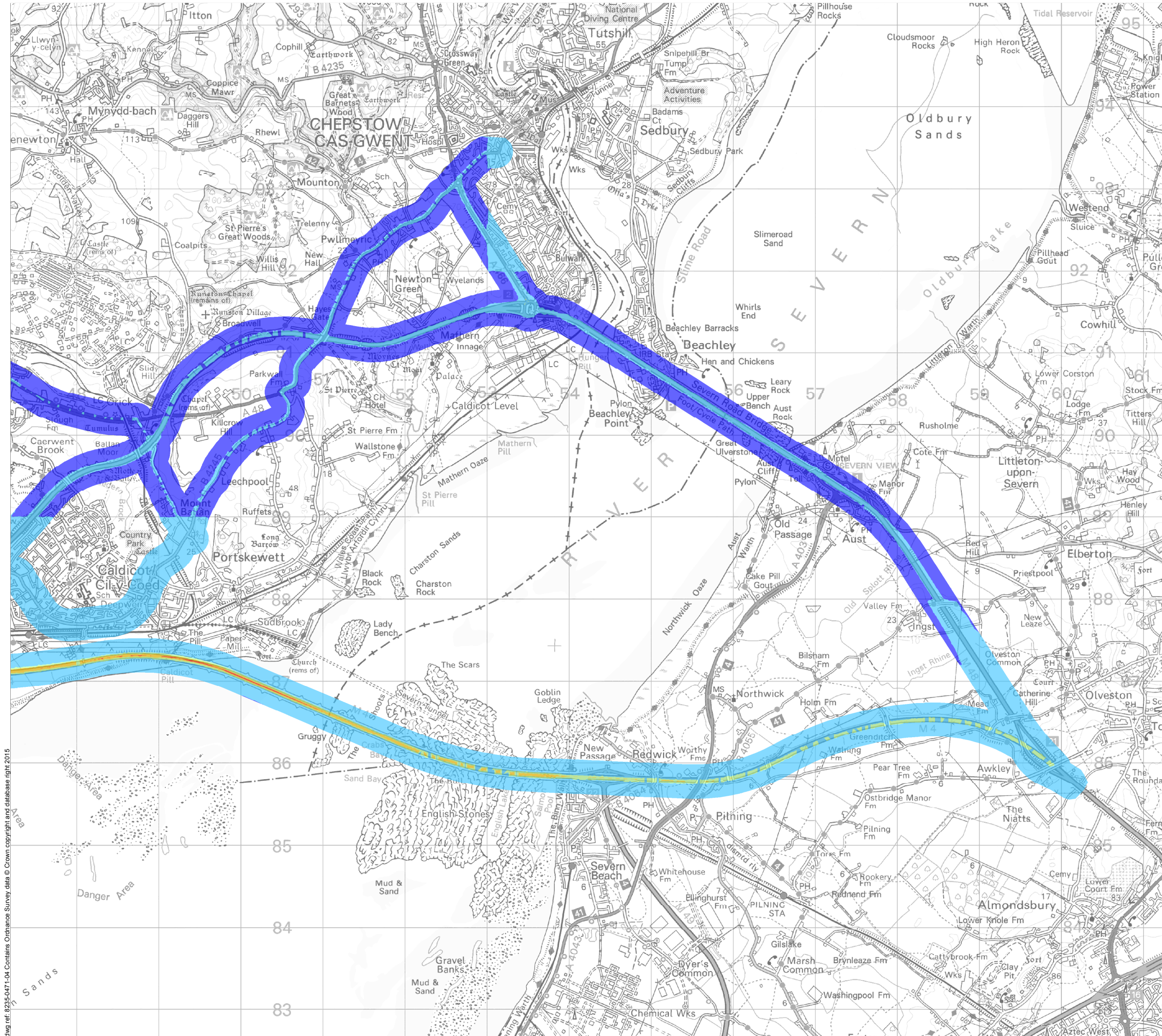
Environmental Statement

Do Minimum (2022) Annual Mean NO₂ Concentrations (µg/m³)

Figure: 7.12a(III)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m





Legend
Do Minimum Annual Mean NO₂ Concentrations (µg/m³)

- > 40
- 30 - 40
- 20 - 30
- 10 - 20
- 7 - 10



Llywodraeth Cymru
Welsh Government

Environmental Statement

Do Minimum (2022) Annual Mean NO₂ Concentrations (µg/m³)

Figure: 7.12a(IV)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m





Legend
Do Something (2022) Annual Mean NO₂ Concentrations (µg/m³)

- > 40
- 30 - 40
- 20 - 30
- 10 - 20
- 7 - 10



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Welsh Government

Environmental Statement

Do Something (2022) Annual Mean NO₂ Concentrations (µg/m³)

Figure: 7.12b(I)

Revision: -

Date: March 2016

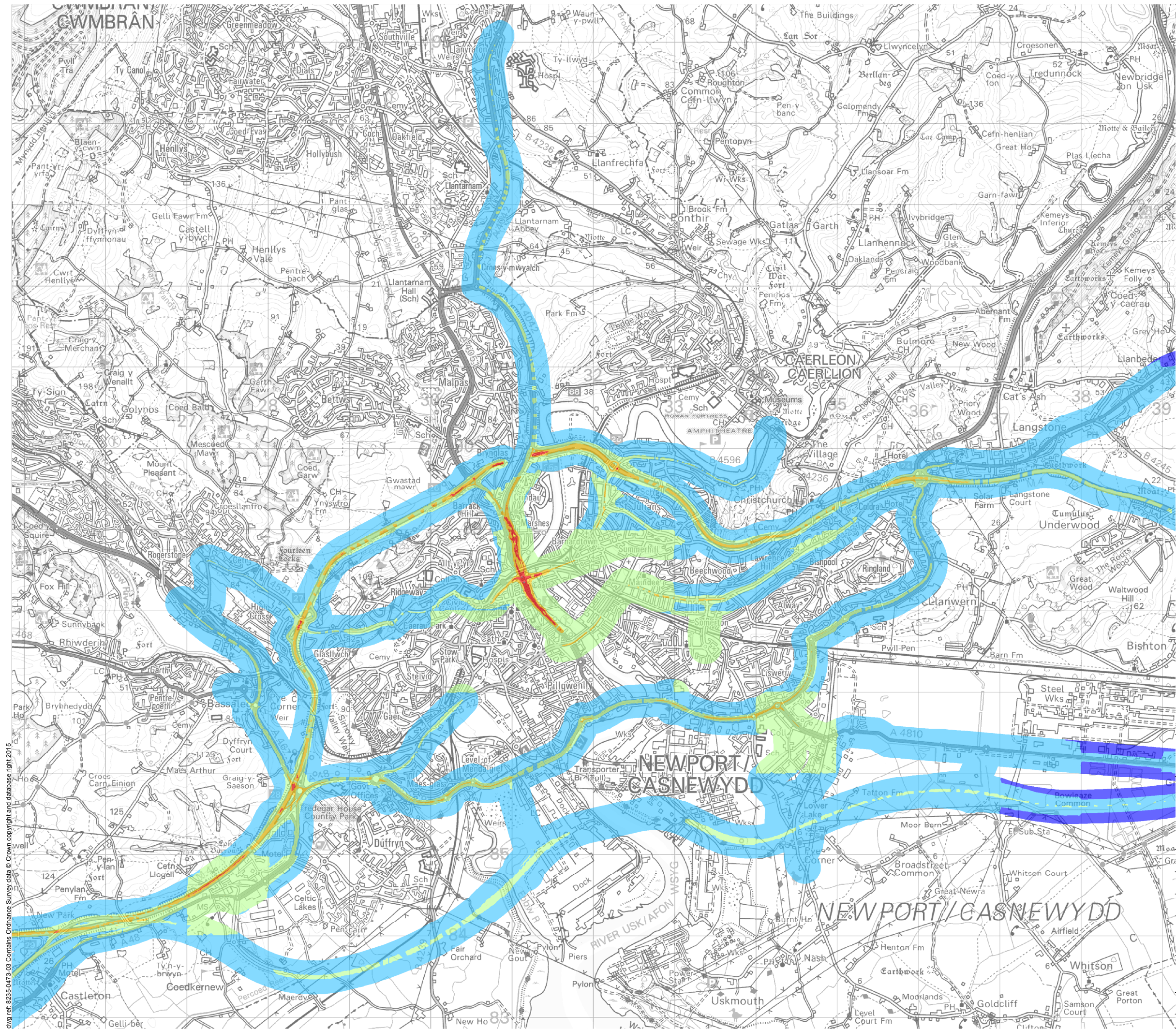
Status: AT ISSUE

Drawn: MS

Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m





Legend
Do Something (2022) Annual Mean NO₂ Concentrations (µg/m³)

- > 40
- 30 - 40
- 20 - 30
- 10 - 20
- 7 - 10


Llywodraeth Cymru
Welsh Government

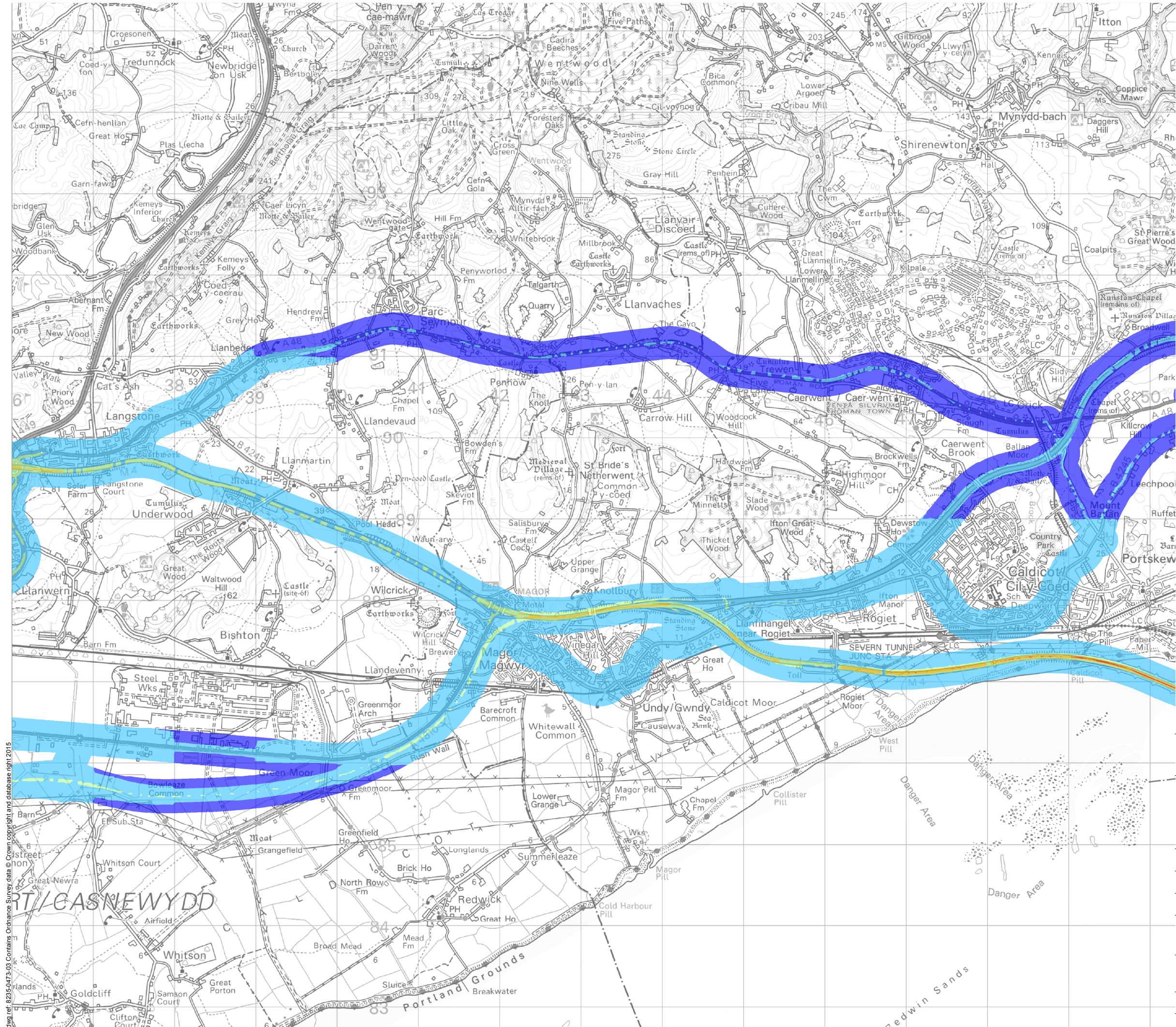
Environmental Statement

Do Something (2022) Annual Mean NO₂ Concentrations (µg/m³)

Figure: 7.12b(II)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m

N



Legend

Do Something (2022) Annual Mean NO₂ Concentrations (µg/m³)

> 40

30 - 40

20 - 30

10 - 20

7 - 10



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Welsh Government

Environmental Statement

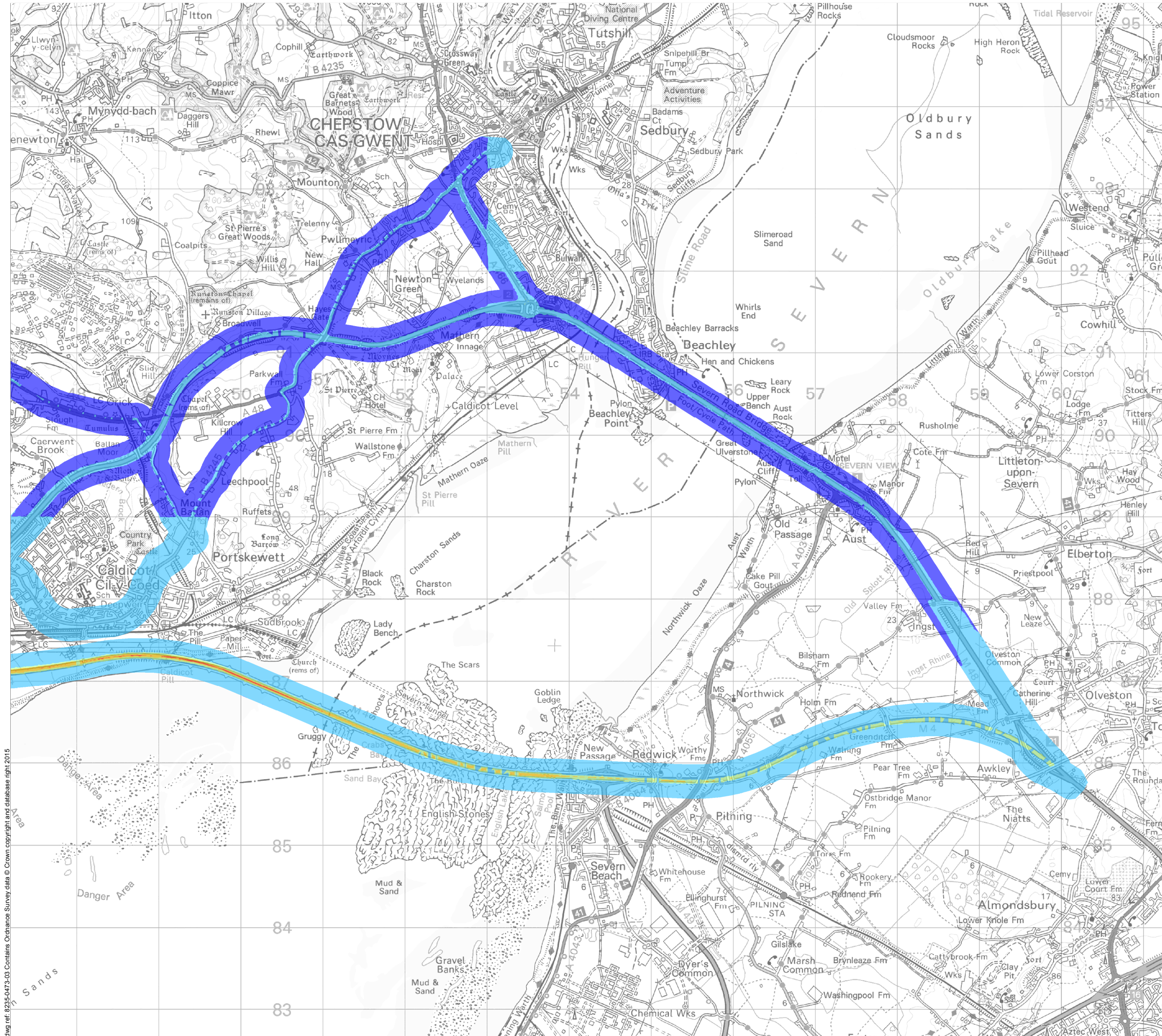
Do Something (2022) Annual Mean NO₂ Concentrations (µg/m³)

Figure: 7.12b(III)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000

05001,000m

N



Legend

Do Something (2022) Annual Mean NO₂ Concentrations (µg/m³)

> 40

30 - 40

20 - 30

10 - 20

7 - 10



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Welsh Government

Environmental Statement

Do Something (2022) Annual Mean NO₂ Concentrations (µg/m³)

Figure: 7.12b(IV)

Revision: -

Date: March 2016

Status: AT ISSUE

Drawn: MS

Checked: LAS

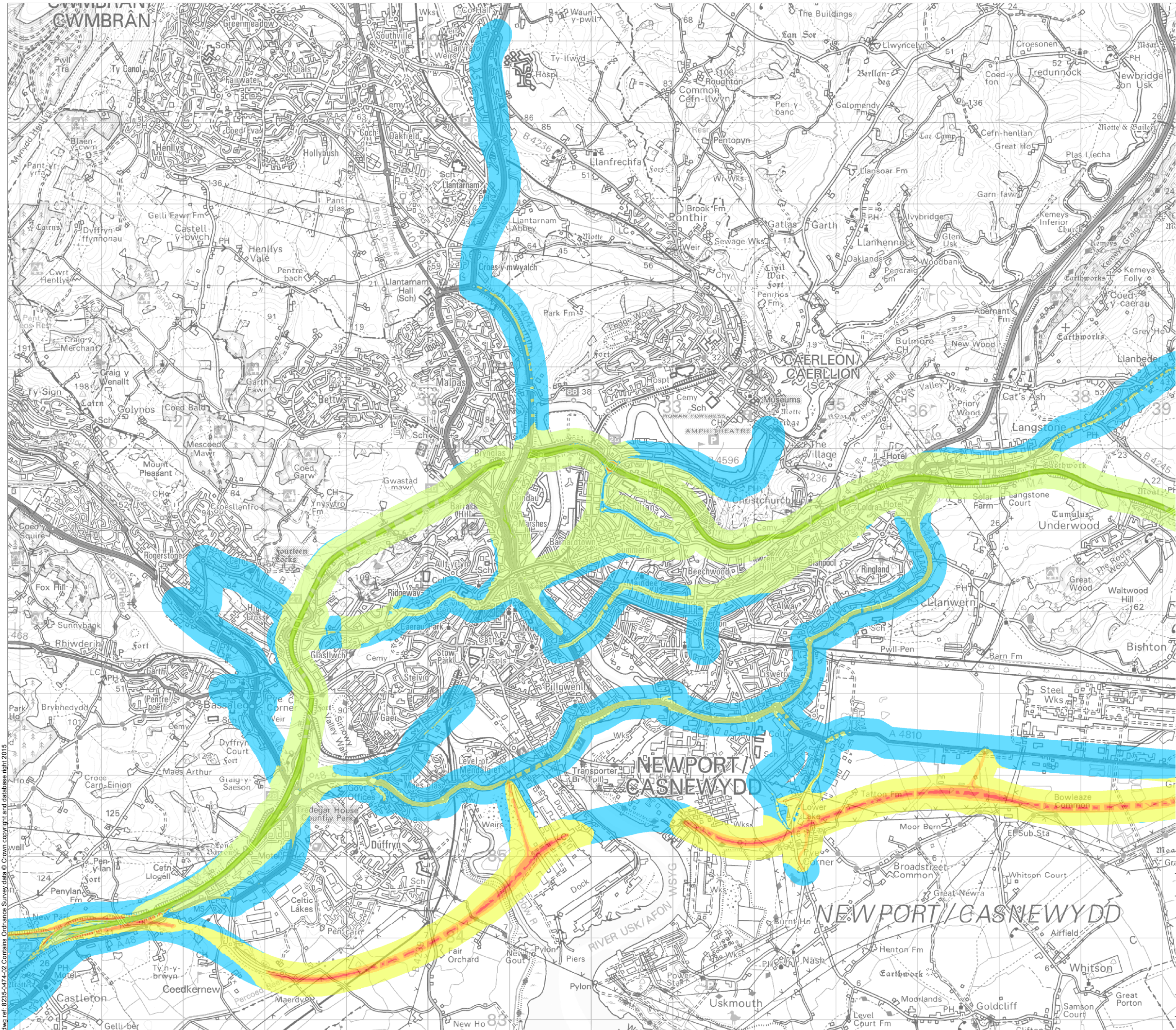
Scale: A3 @ 1:45,000

0 500 1,000 m



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dwg ref: 8235-0473-03



Legend
Change in Annual Mean NO₂ Concentrations (µg/m³) as a result of the Scheme

- >10
- 4 - 10
- 2 - 4
- 0.4 - 2
- 0.4 - 0.4
- 2 - -0.4
- 4 - -2
- 10 - -4
- < -10



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Welsh Government

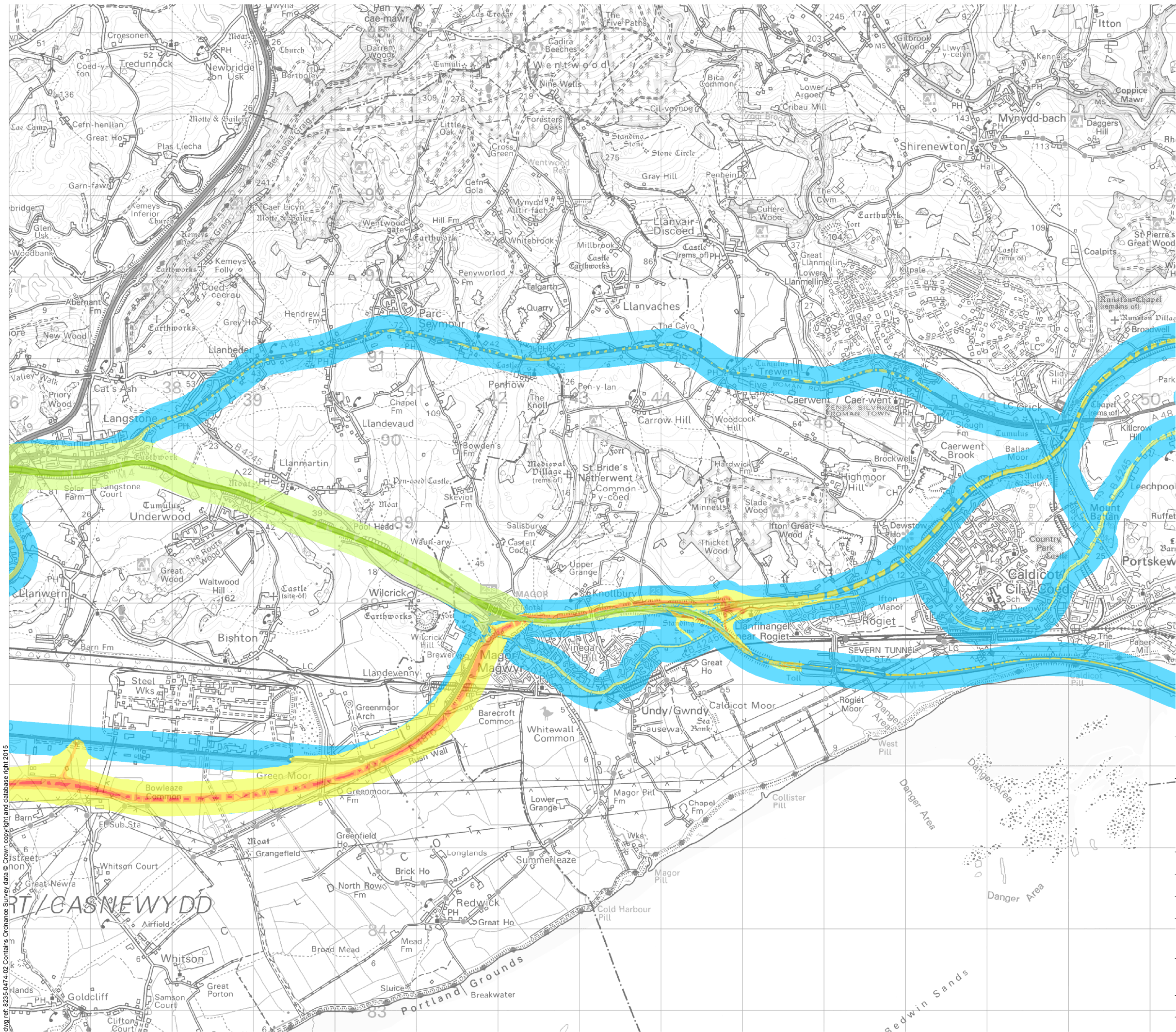
Environmental Statement

Change in Annual Mean NO₂ Concentrations (µg/m³) as a result of the Scheme

Figure: 7.12c(II)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m

N
↑



Legend
Change in Annual Mean NO₂ Concentrations (µg/m³) as a result of the Scheme

- >10
- 4 - 10
- 2 - 4
- 0.4 - 2
- 0.4 - 0.4
- 2 - -0.4
- 4 - -2
- 10 - -4
- < -10



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Environmental Statement

Change in Annual Mean NO₂ Concentrations (µg/m³) as a result of the Scheme

Figure: 7.12c(III)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS





Legend
Do Minimum (2022) Annual
Mean PM₁₀ Concentrations
(µg/m³)

- 25 - 30
- 20 - 25
- 15 - 20
- 12.308 - 15



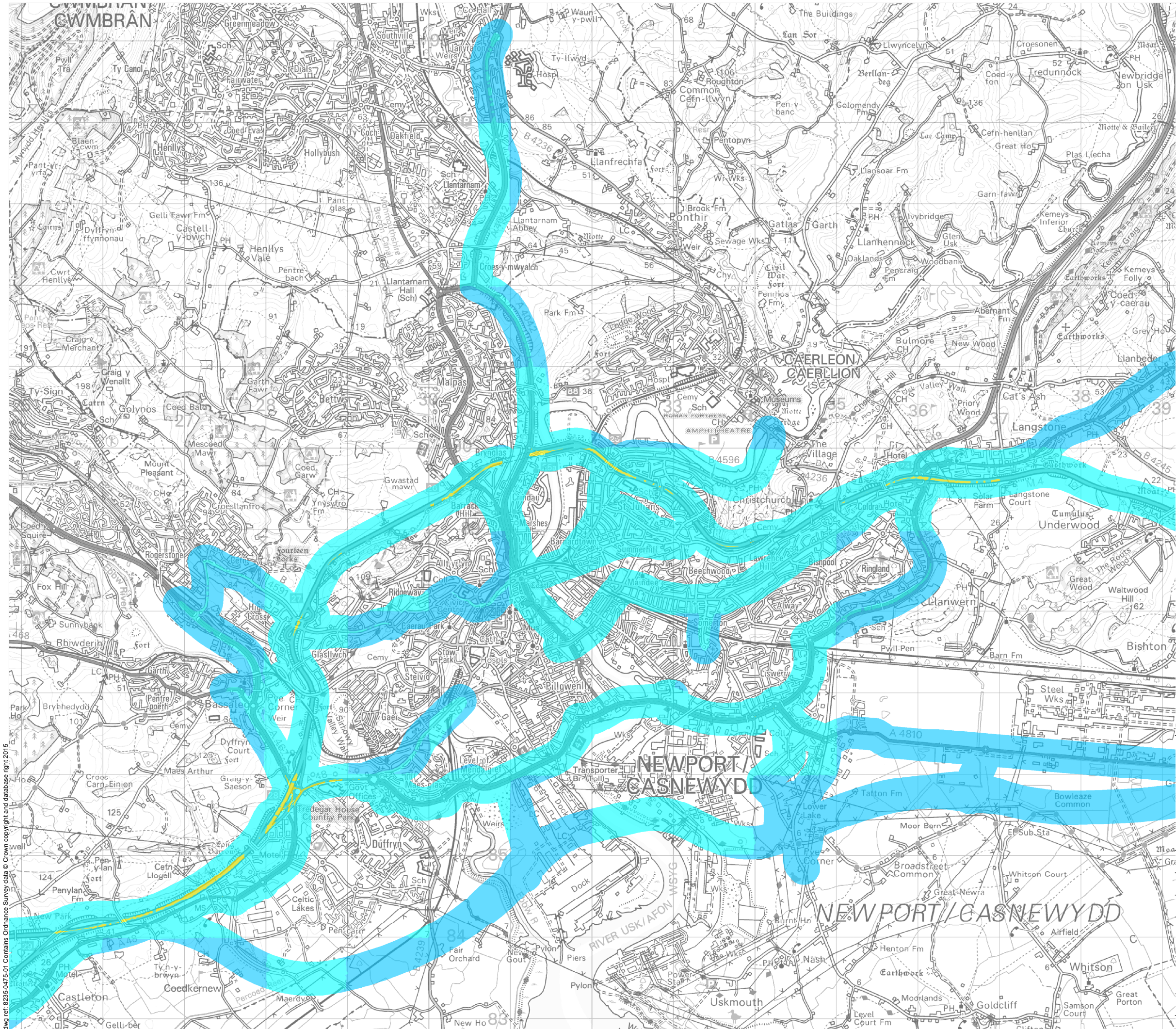
Llywodraeth Cymru
Welsh Government

Environmental Statement

Do Minimum (2022) Annual Mean
PM₁₀ Concentrations (µg/m³)

Figure: 7.12d(I)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS





Legend
Do Minimum (2022) Annual
Mean PM₁₀ Concentrations
(µg/m³)

- 25 - 30
- 20 - 25
- 15 - 20
- 12.308 - 15



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Welsh Government

Environmental Statement

Do Minimum (2022) Annual Mean
PM₁₀ Concentrations (µg/m³)

Figure: 7.12d(II)

Revision: -

Date: March 2016

Status: AT ISSUE

Drawn: MS

Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000m





Legend
Do Minimum (2022) Annual
Mean PM₁₀ Concentrations
(µg/m³)

- 25 - 30
- 20 - 25
- 15 - 20
- 12.308 - 15



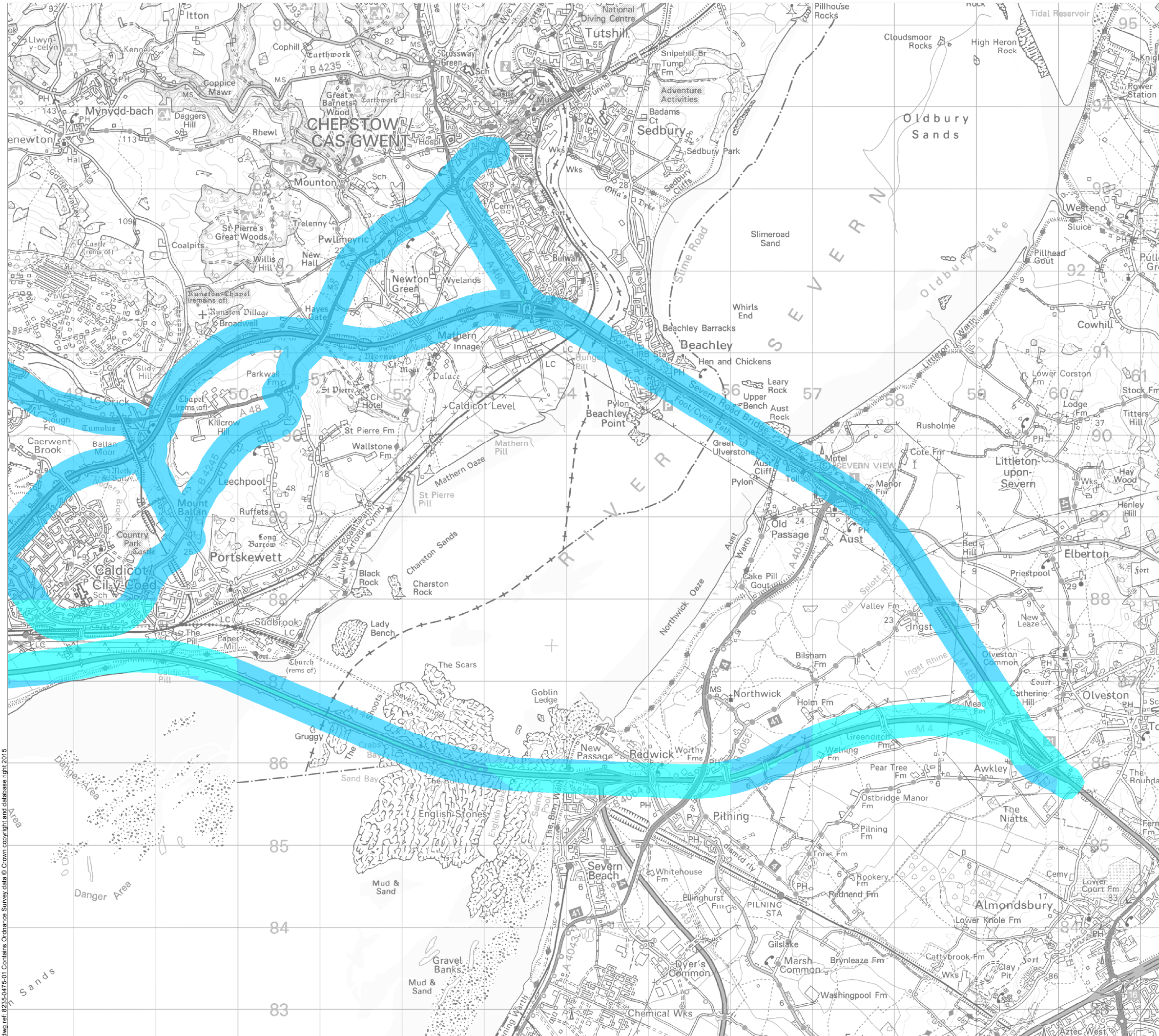
Llywodraeth Cymru
Welsh Government

Environmental Statement

Do Minimum (2022) Annual Mean
PM₁₀ Concentrations (µg/m³)

Figure: 7.12d(III)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS





Legend
Do Minimum (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

- 25 - 30
- 20 - 25
- 15 - 20
- 12.308 - 15



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Environmental Statement

Do Minimum (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

Figure: 7.12d(IV)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m





Legend

Do Something (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

- 25 - 30
- 20 - 25
- 15 - 20
- 12.308 - 15


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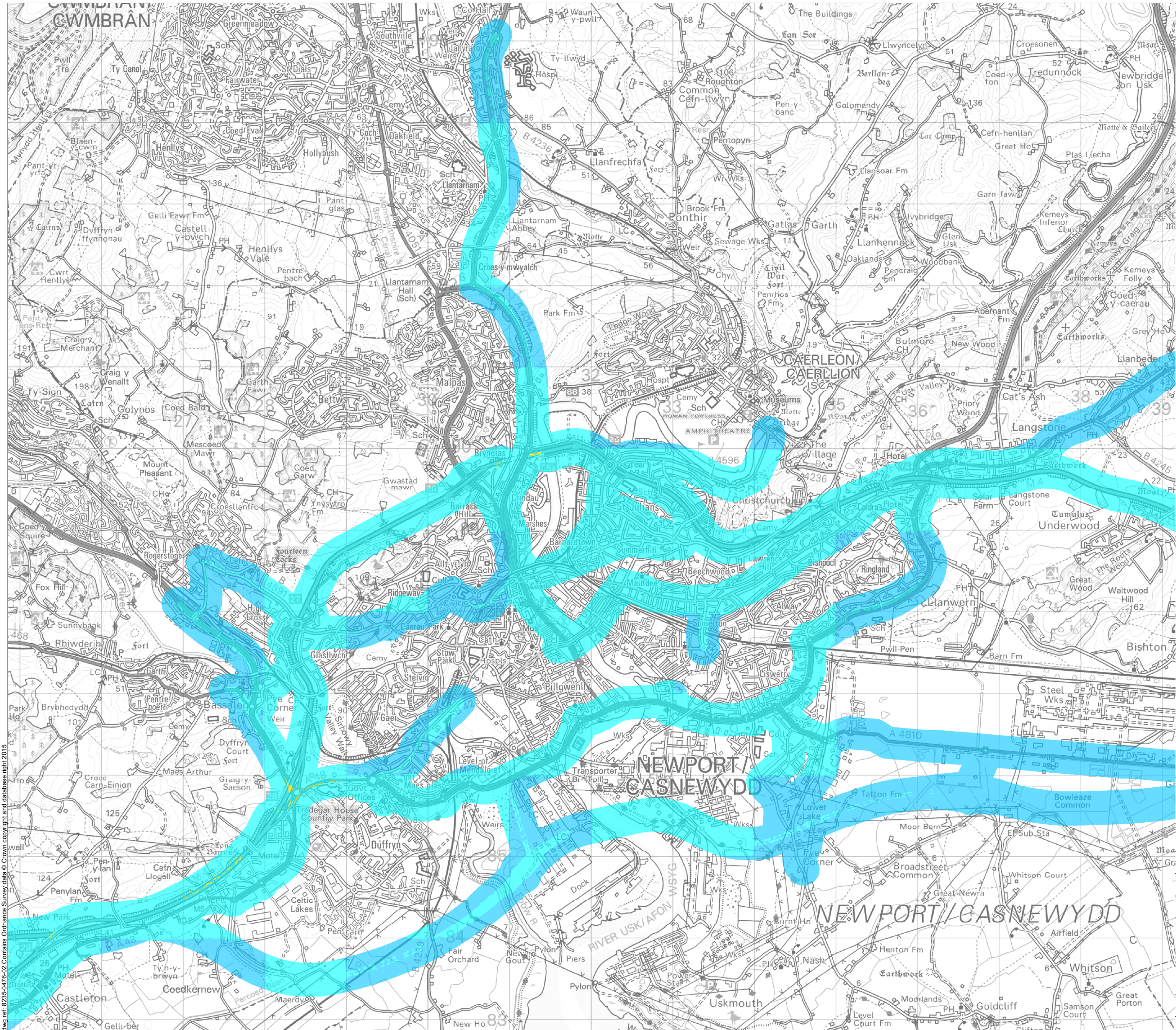
Environmental Statement

Do Something (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

Figure: 7.12e(I)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m

N



Legend

Do Something (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

25 - 30

20 - 25

15 - 20

12.308 - 15



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Welsh Government

Environmental Statement

Do Something (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

Figure: 7.12e(II)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m





Legend

Do Something (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

- 25 - 30
- 20 - 25
- 15 - 20
- 12.308 - 15



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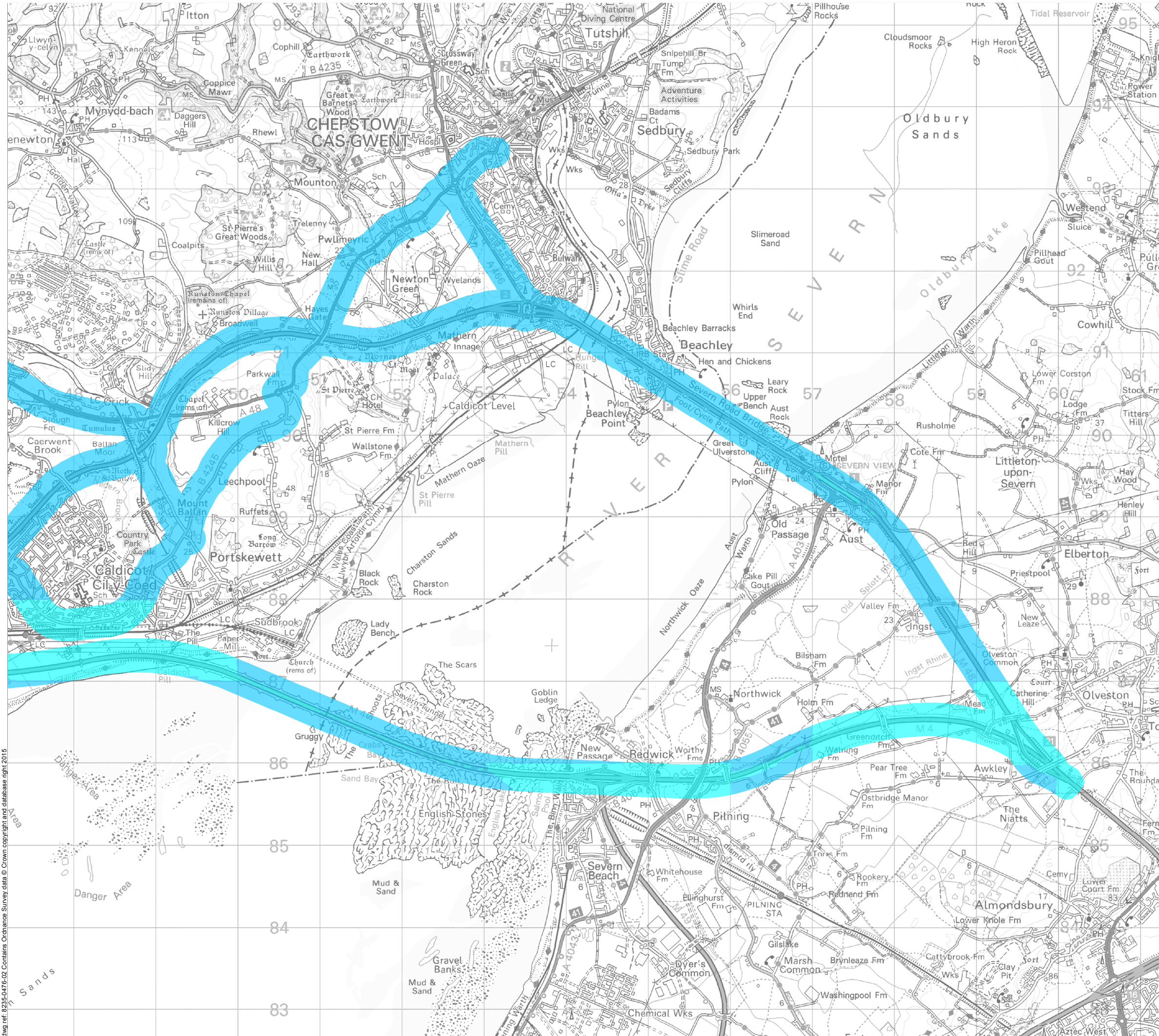
Environmental Statement

Do Something (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

Figure: 7.12e(III)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m





Legend

Do Something (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

25 - 30

20 - 25

15 - 20

12.308 - 15



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Welsh Government

Environmental Statement

Do Something (2022) Annual Mean PM₁₀ Concentrations (µg/m³)

Figure: 7.12e(IV)

Revision: -

Date: March 2016

Status: AT ISSUE

Drawn: MS

Checked: LAS

Scale: A3 @ 1:45,000

0 500 1,000 m

N



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dwg ref: 8235-0476-02



Legend
Change in Annual Mean PM₁₀
Concentrations (µg/m³) as a
result of the Scheme

- 1 - 2.897
- 0.4 - 1
- 0.4 - 0.4
- 2 - -0.4
- 4.906 - -2



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Environmental Statement

Change in Annual Mean PM₁₀
Concentrations (µg/m³) as a result of
the Scheme

Figure: 7.12f(1)

Revision: -

Date: March 2016

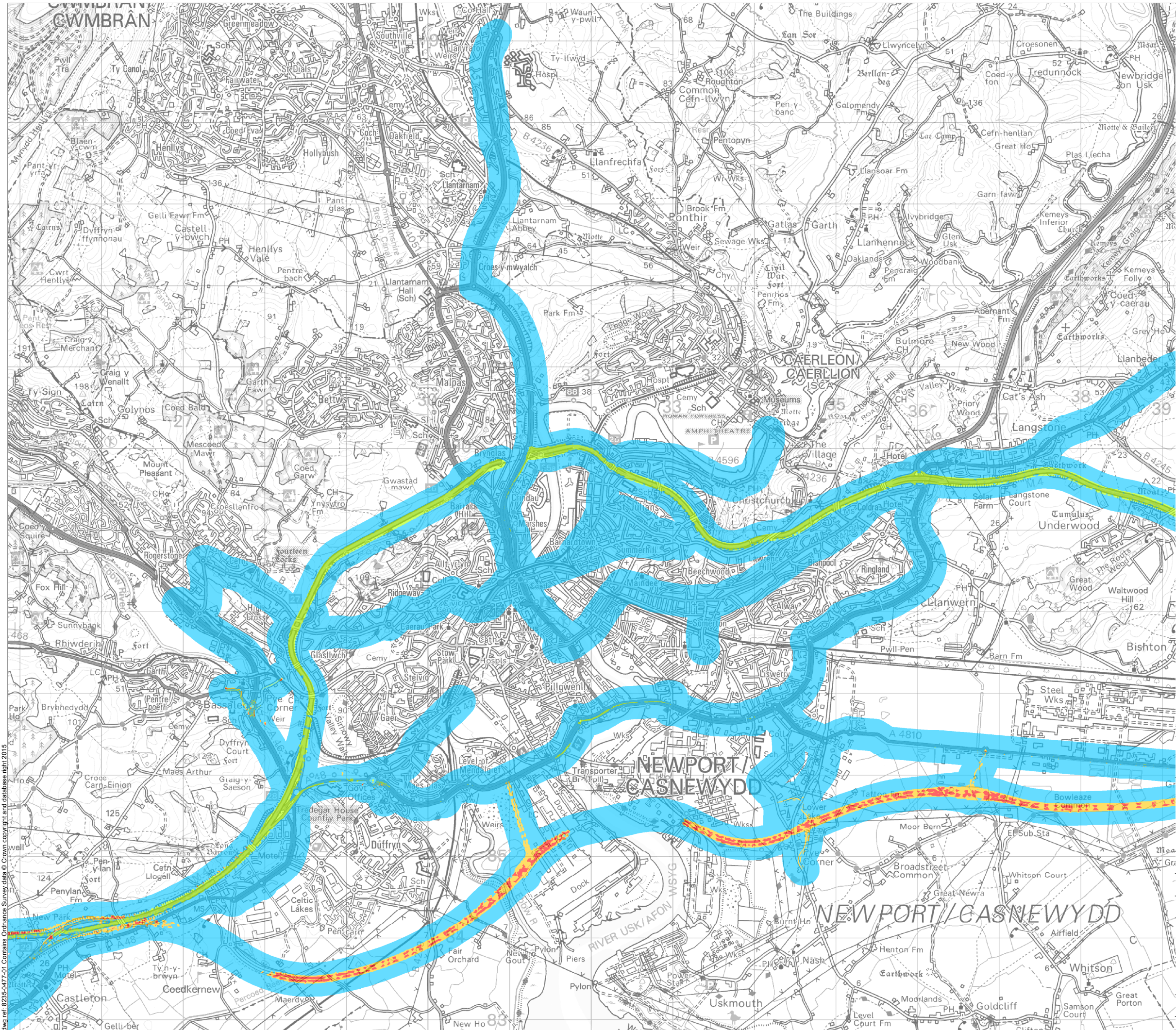
Status: AT ISSUE

Drawn: MS

Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m





Legend
Change in Annual Mean PM₁₀
Concentrations (µg/m³) as a
result of the Scheme

- 1 - 2.897
- 0.4 - 1
- 0.4 - 0.4
- 2 - -0.4
- 4.906 - -2



Llywodraeth Cymru
Welsh Government

Environmental Statement

Change in Annual Mean PM₁₀
Concentrations (µg/m³) as a result of
the Scheme

Figure: 7.12f(II)

Revision: -

Date: March 2016

Status: AT ISSUE

Drawn: MS

Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m



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dwg ref: 8235-0477-01



Legend
Change in Annual Mean PM₁₀
Concentrations (µg/m³) as a
result of the Scheme

- 1 - 2.897
- 0.4 - 1
- 0.4 - 0.4
- 2 - -0.4
- 4.906 - -2



Llywodraeth Cymru
Welsh Government

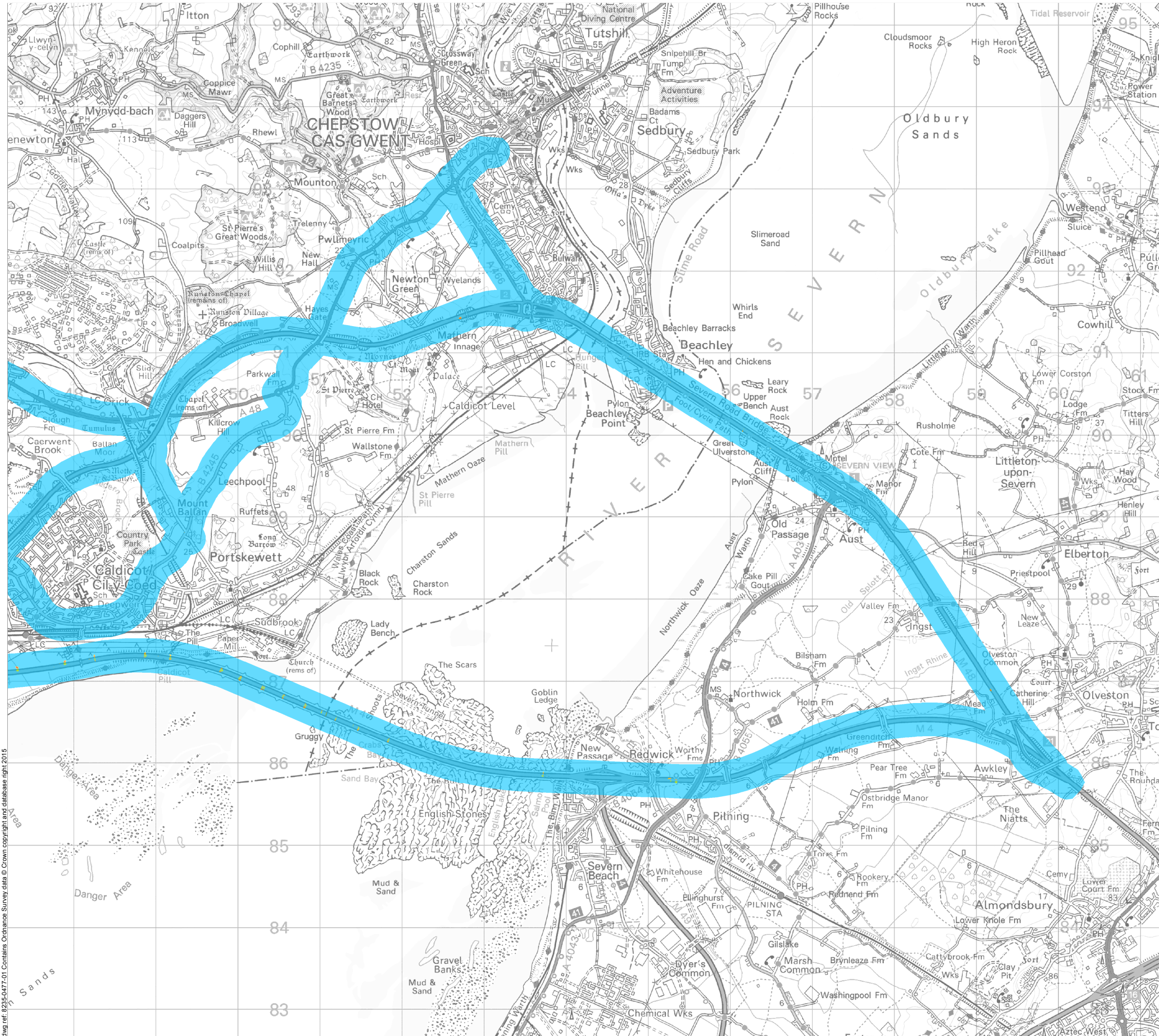
Environmental Statement

Change in Annual Mean PM₁₀
Concentrations (µg/m³) as a result of
the Scheme

Figure: 7.12f(III)	Revision: -
Date: March 2016	Status: AT ISSUE
Drawn: MS	Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m





Legend
Change in Annual Mean PM₁₀
Concentrations (µg/m³) as a
result of the Scheme

- 1 - 2.897
- 0.4 - 1
- 0.4 - 0.4
- 2 - -0.4
- 4.906 - -2



Llywodraeth Cymru
Welsh Government

Environmental Statement

Change in Annual Mean PM₁₀
Concentrations (µg/m³) as a result of
the Scheme

Figure: 7.12f(IV)

Revision: -

Date: March 2016

Status: AT ISSUE

Drawn: MS

Checked: LAS

Scale: A3 @ 1:45,000
0 500 1,000 m

