



MetroWest+

Portishead Branch Line (MetroWest Phase 1)

TR040011

Applicant: North Somerset District Council

6.24, Environmental Statement, Volume 3, Air Quality Figures 7.1, 7.2, 7.3 and 7.4

The Infrastructure Planning (Applications: Prescribed Forms and Procedure)

Regulations 2009, regulation 5(2)(a)

Planning Act 2008

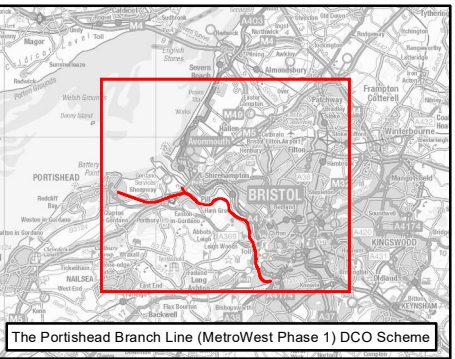
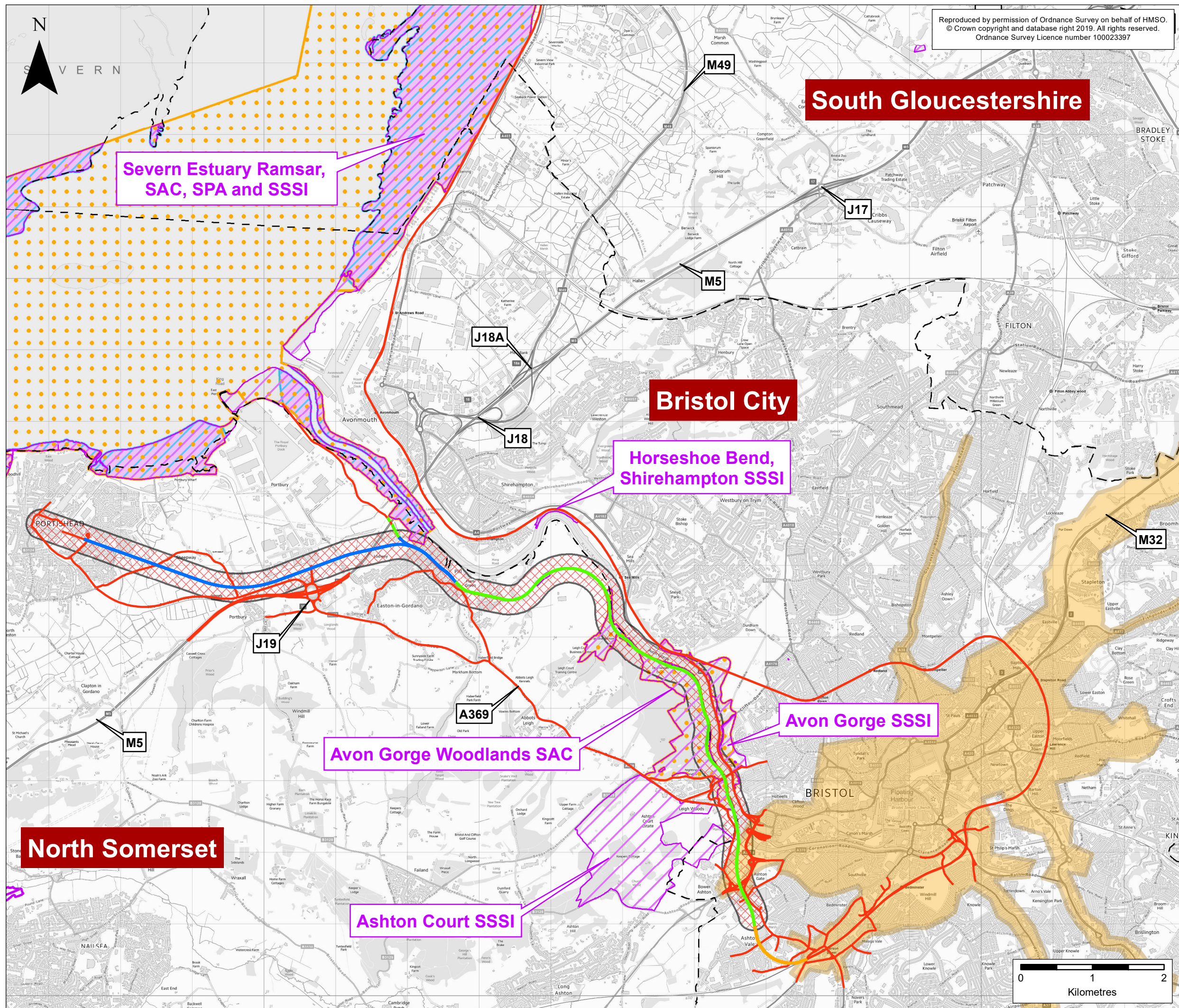
Author: CH2M

Date: November 2019



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	Figure 7.3: Locations of Receptors Sheets 1 to 5 - Portishead	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, 5(2)(a)	674946 -001-005 (Sheets 1-5) Rev ES-A
	Figure 7.4: Construction Dust Study Area Sections A - C	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, 5(2)(a)	Section A: 674946 -001-006-A (Sheet 1) Rev ES-A Section B: 674946 -001-007-A (Sheets 2-4) Rev ES-A Section C: 674946 -001-008-A (Sheets 4-7) Rev ES-A



KEY

Local Authority Boundaries

Study Area for Air

Nature Conservation Sites

- Special Area of Conservation (SAC)
- Special Protection Area (SPA)
- Site of Special Scientific Interest (SSSI)
- Ramsar

Portishead Branch Line

- The Nationally Significant Infrastructure Project (NSIP) Works
- The Associated Development Works
- Section in Tunnel

Other Works

- Network Rail Permitted Development Rights

Air Quality

- Air Quality Management Area
- Scheme Extent 200m Buffer

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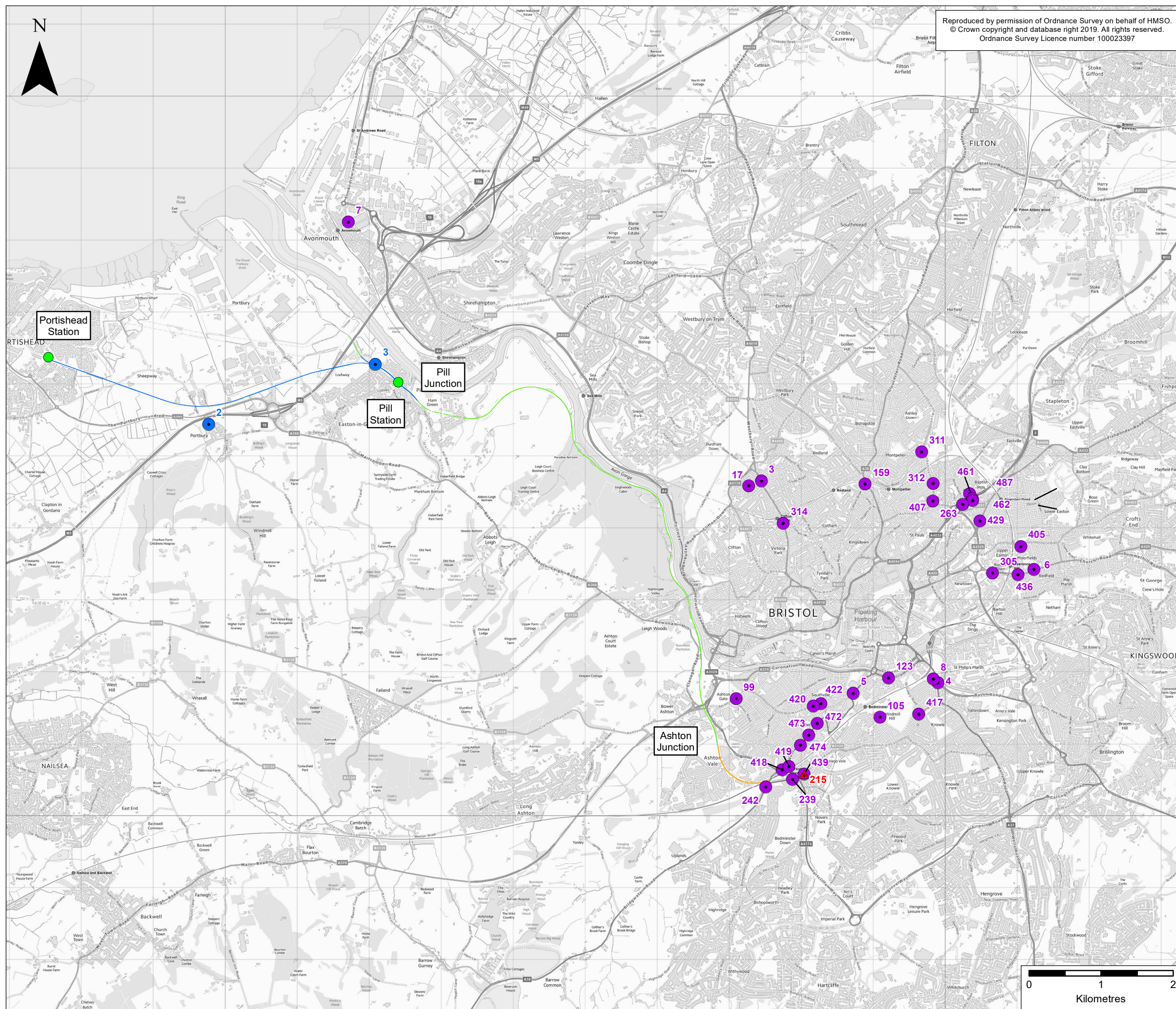
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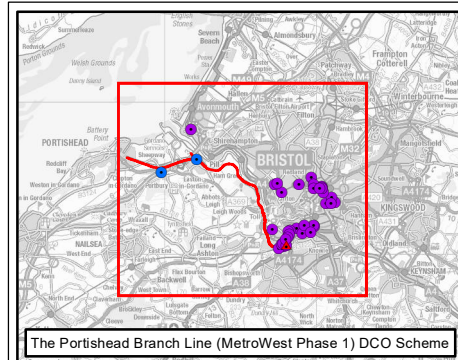
Project :

Portishead Branch Line (MetroWest Phase 1)

Drawing :		Figure 7.1: Air Quality Constraints <i>APFP Regulation 5(2)(a)</i>	
Drawn By :	Martin Costello	Date:	28/10/2019
Checked By :	Colin Tully	Date:	28/10/2019
Approved By :	Luke Farrugia	Date:	28/10/2019
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KEY




Portishead Branch Line

- The Nationally Significant Infrastructure Project (NSIP) Works
— The Associated Development Works
- - - - Section in Tunnel

Other Works

- Network Rail Permitted Development Rights

Air Quality Monitoring Stations

-  BCC Automatic Monitoring Station
-  BCC Diffusion Monitoring Station
-  NSC Diffusion Monitoring Station

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(MetroWest Phase 1)

Drawing :
Figure 7.2: Locations of North Somerset
(NSC) and Bristol City Council
(BCC) Monitoring Sites
APFP Regulation 5(2)(a)

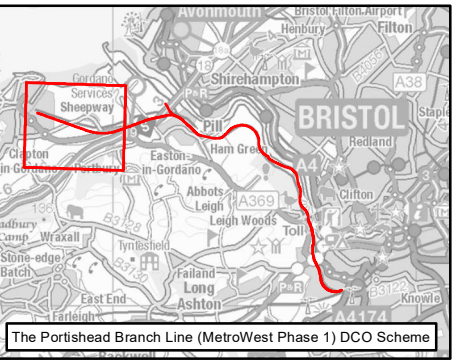
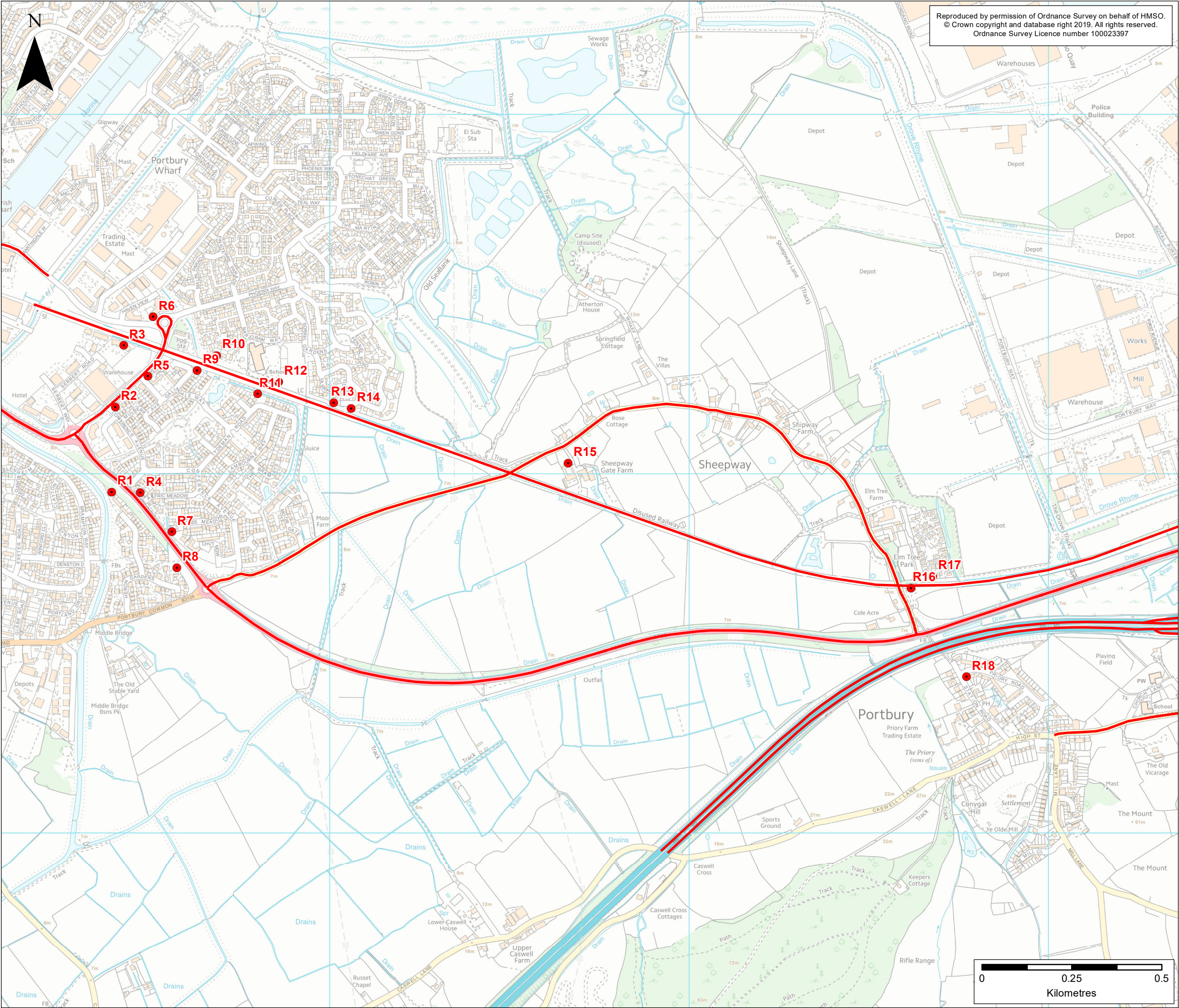
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KEY

Air Quality Modelling

- Study Area for Air Quality
- Sampled Residential Receptors

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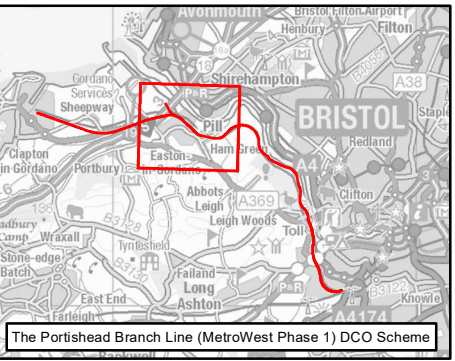
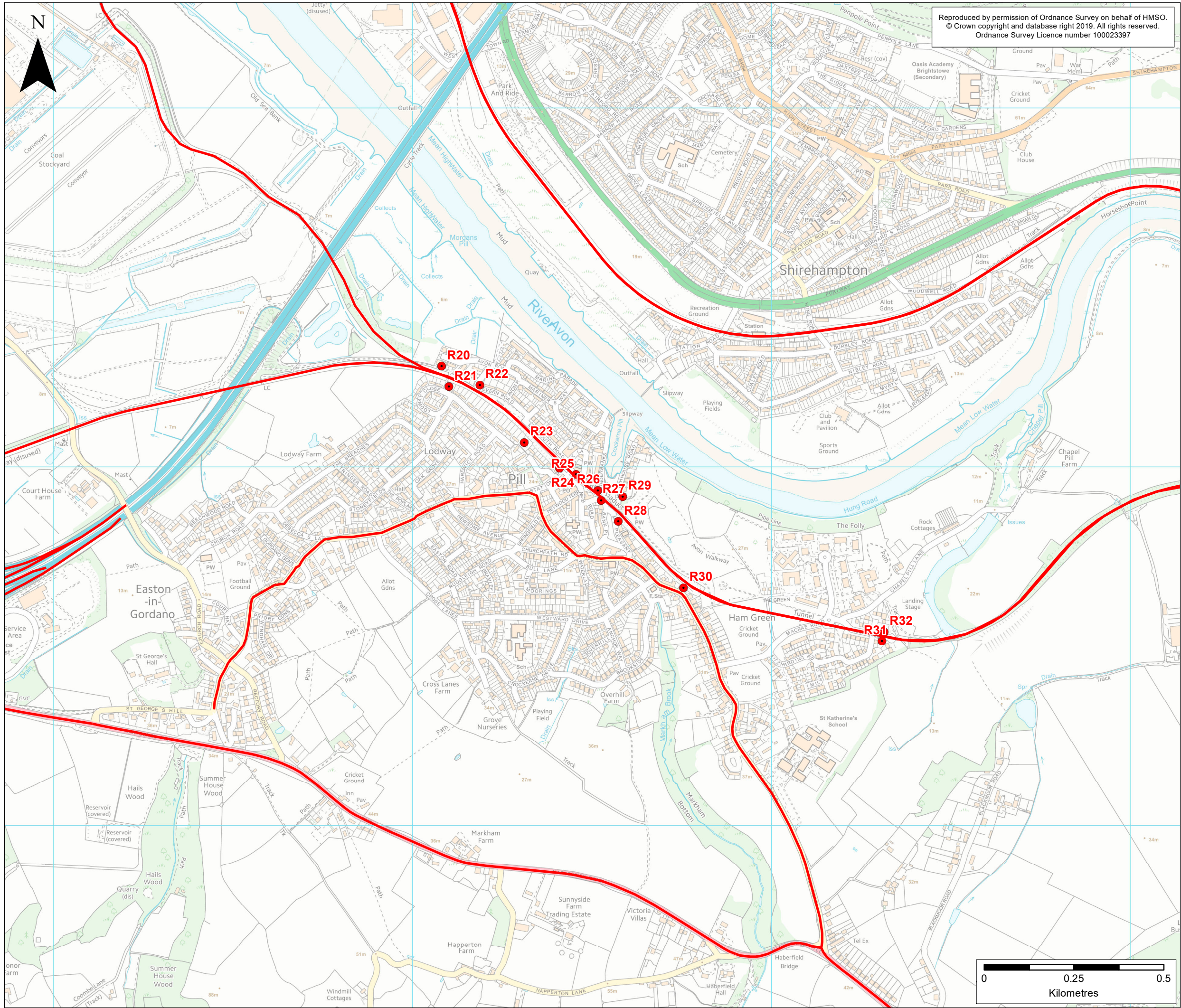
Project : Portishead Branch Line (MetroWest Phase 1)

Drawing : Figure 7.3: Locations of Receptors
Sheet 1 of 5 - Portishead
APFP Regulation 5(2)(a)

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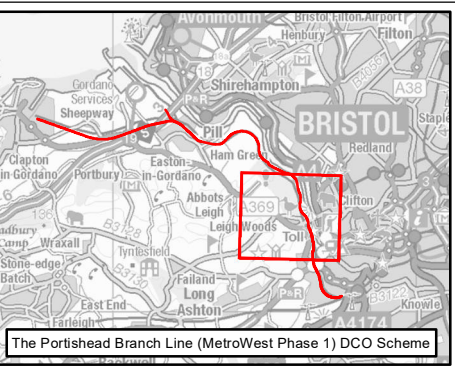
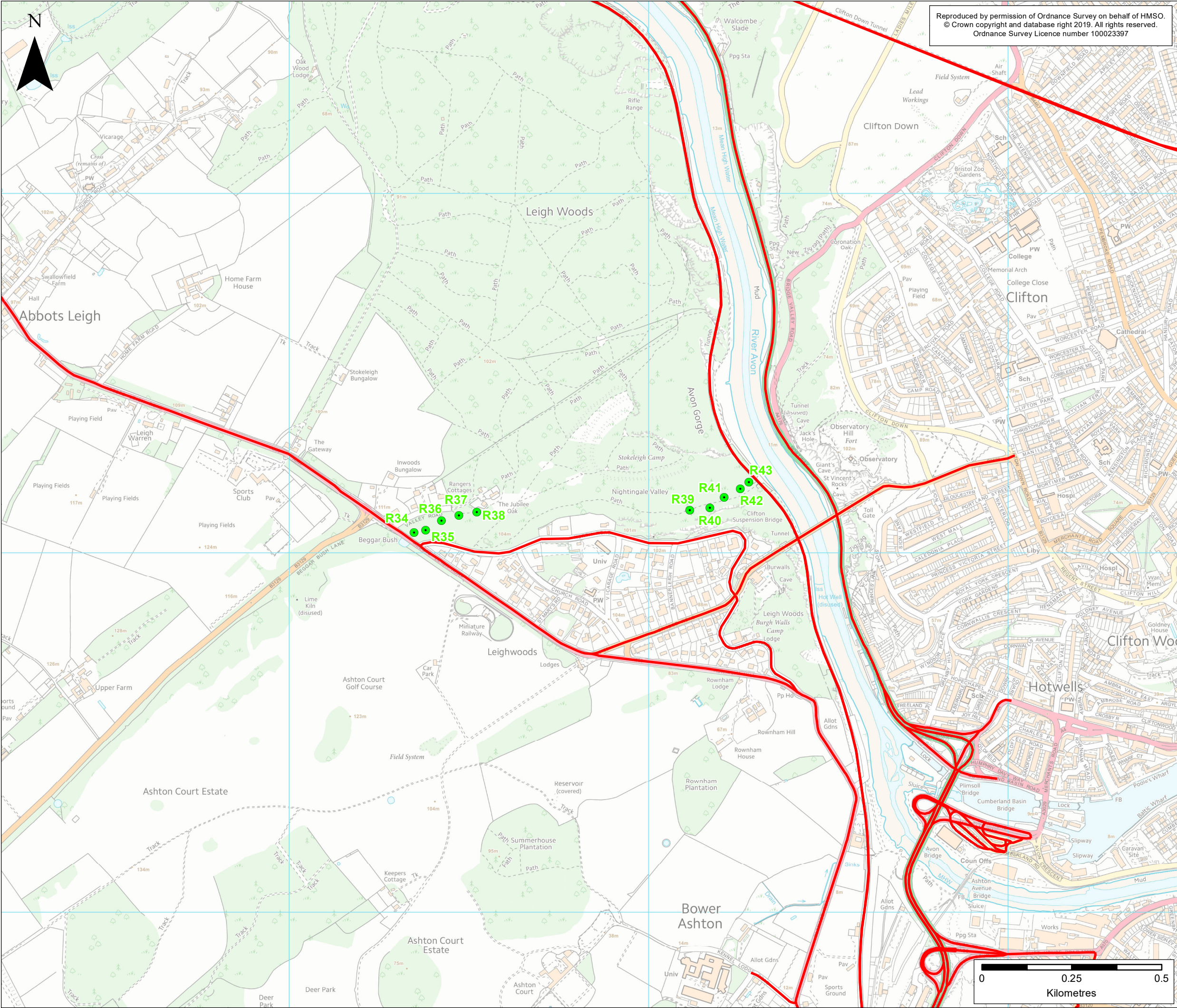
Project :
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Drawing :
Figure 7.3: Locations of Receptors
Sheet 2 of 5 - Pill
APFP Regulation 5(2)(a)

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KEY

Air Quality Modelling

Study Area for Air Quality

Ecological Receptors

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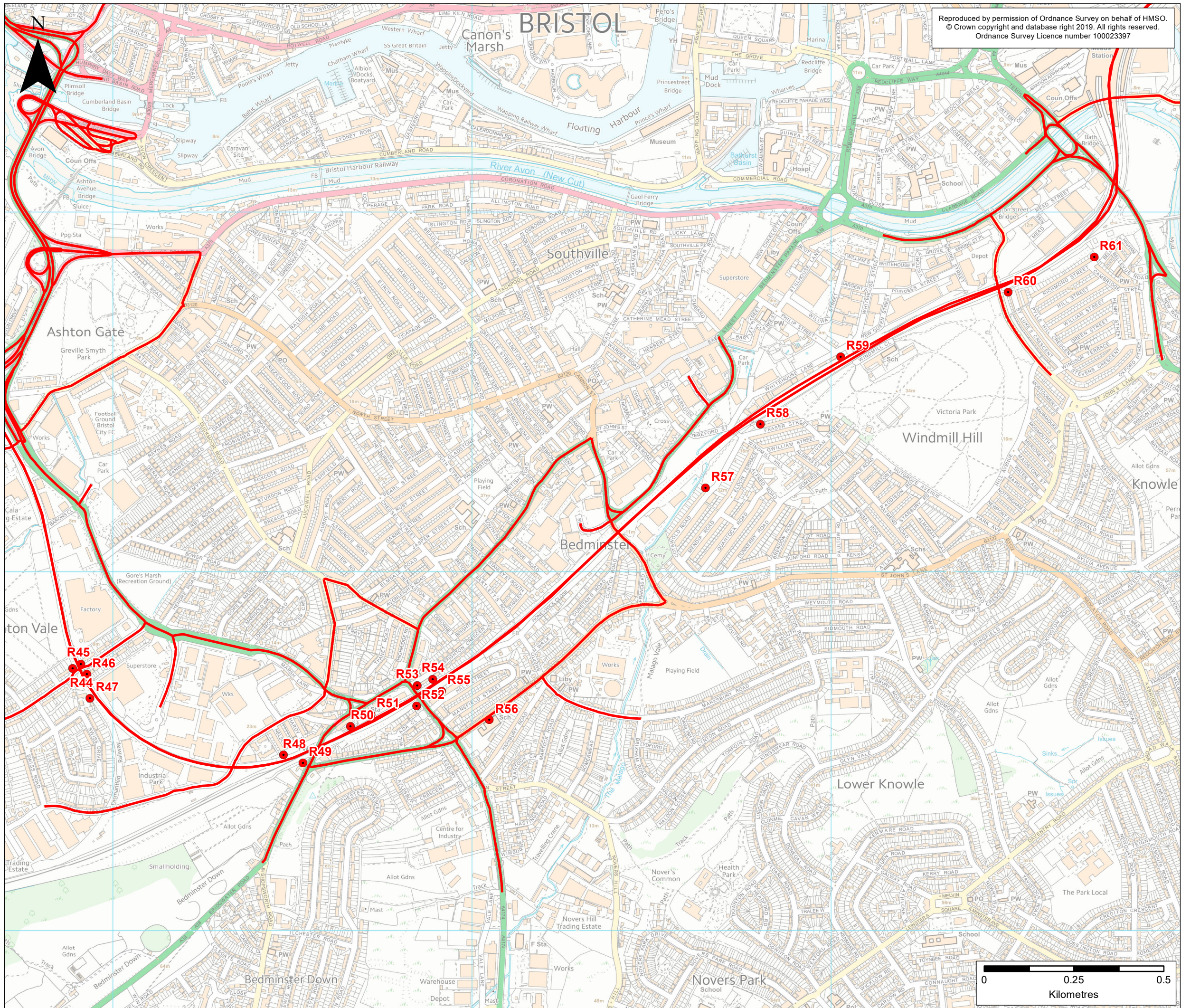
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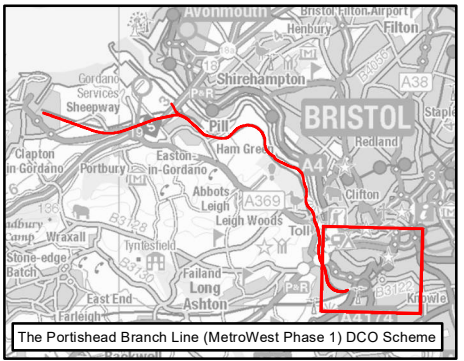
Drawing : Figure 7.3: Locations of Receptors
Sheet 3 of 5 - Leigh Woods
APFP Regulation 5(2)(a)

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KEY

Air Quality Modelling

- Study Area for Air Quality
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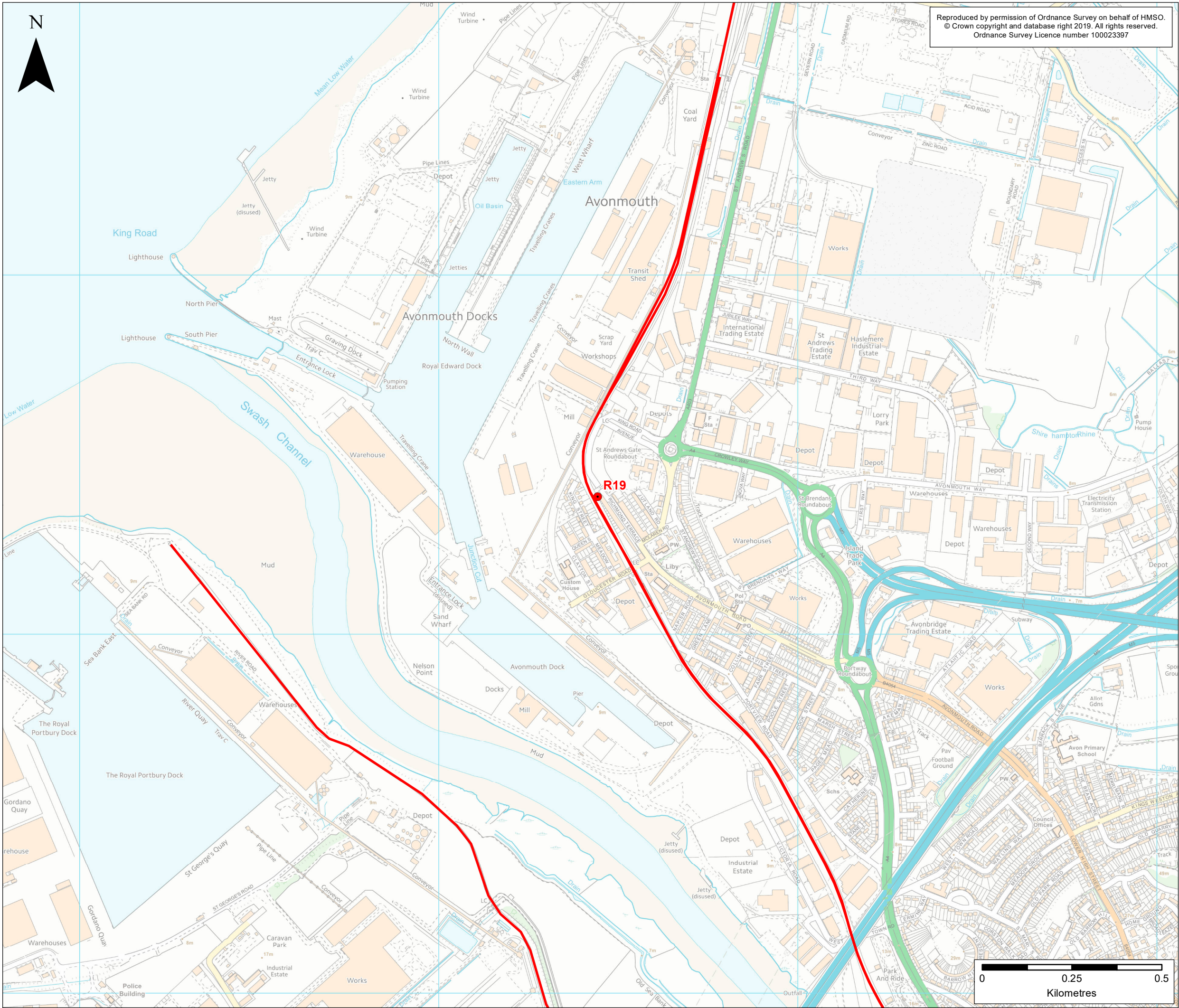
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Drawing :
Figure 7.3: Locations of Receptors
Sheet 4 of 5 - Ashton Junction to Bedminster
APFP Regulation 5(2)(a)

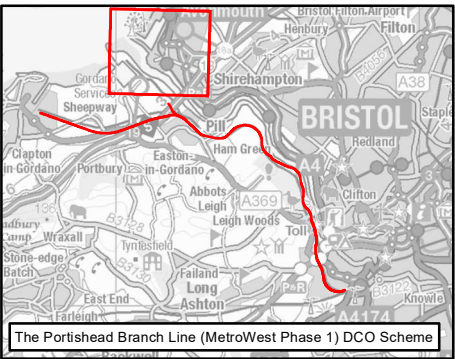
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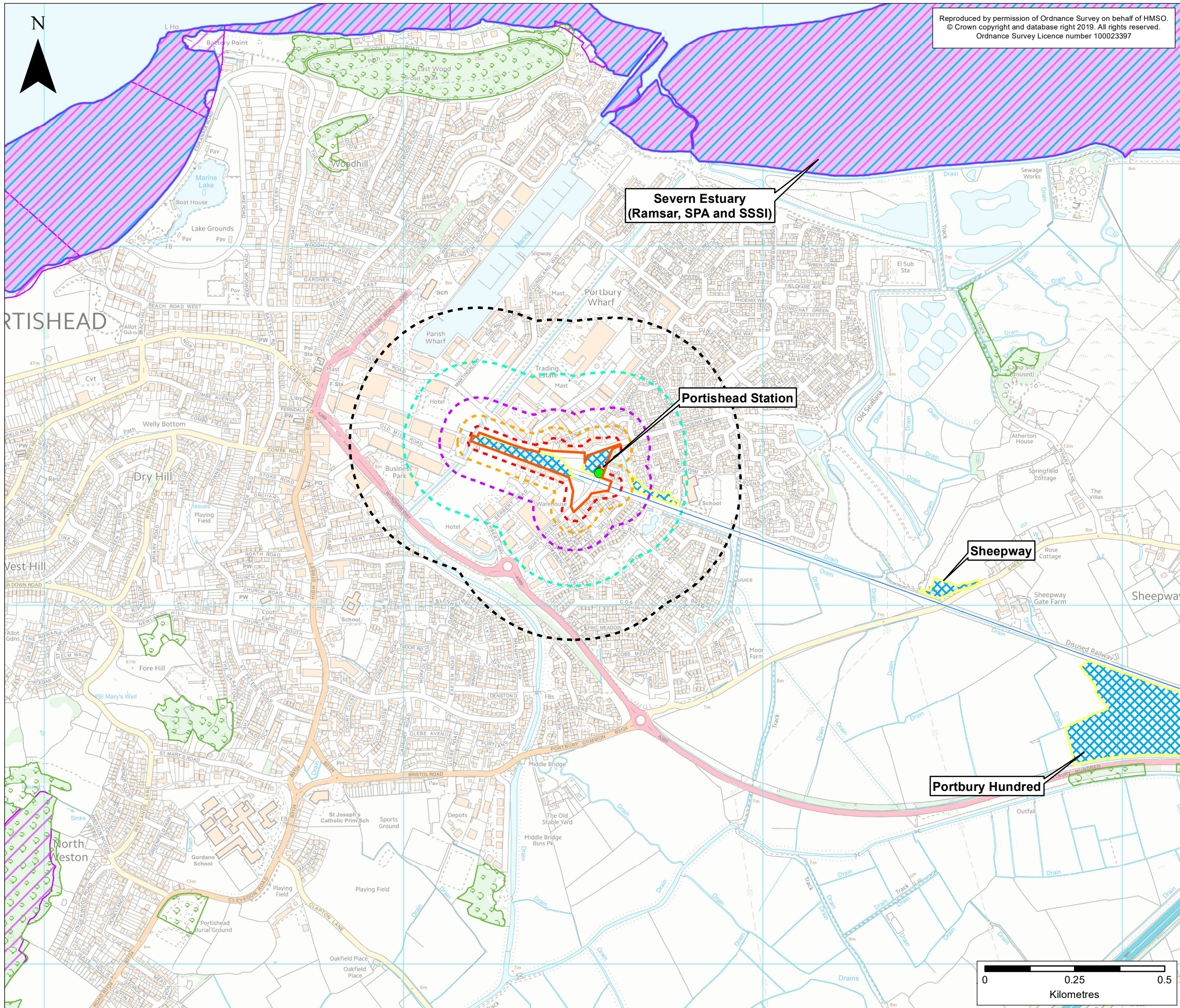
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Drawing : **Figure 7.3: Locations of Receptors
Sheet 5 of 5 - Avonmouth
APFP Regulation 5(2)(a)**

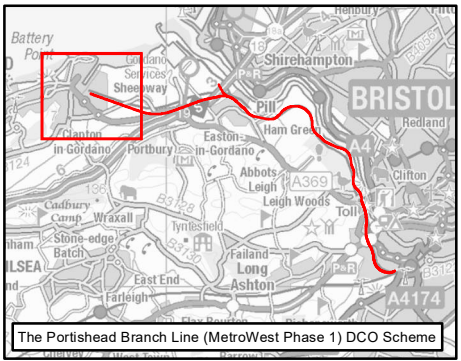
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KEY

Environmental Constraints

- National Forestry Inventory
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Ramsar

Portishead Branch Line

- The Nationally Significant Infrastructure Project (NSIP) Works
- New Station
- Portishead Station and Car Parks

Construction

- 20m Buffer
- 50m Buffer
- 100m Buffer
- 200m Buffer
- 350m Buffer
- Construction Compound

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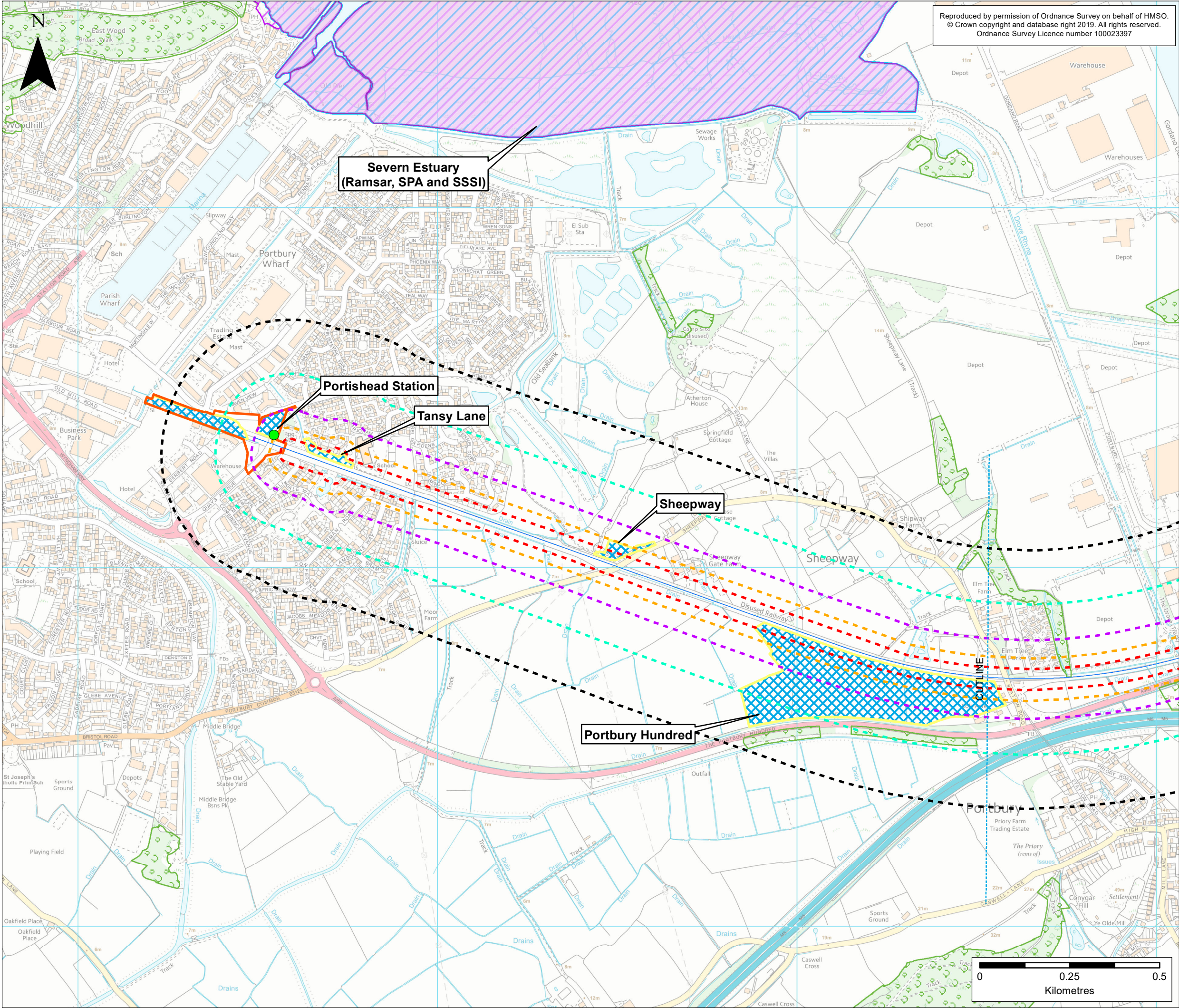
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**Figure 7.4: Construction Dust Study Area
Section A**
Sheet 1 of 7 - Portishead Station and Surrounds
APFP Regulation 5(2)(a)

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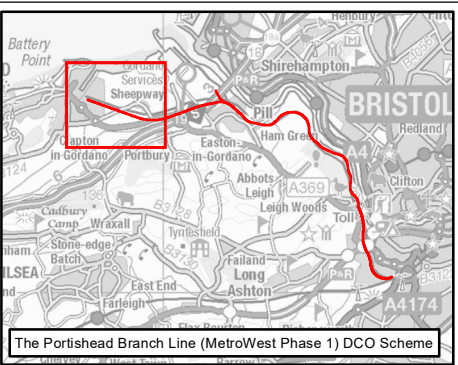
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KEY

Environmental Constraints

- National Forest Inventory
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Ramsar

Portishead Branch Line

- The Nationally Significant Infrastructure Project (NSIP) Works
- New Station
- Portishead Station and Car Parks

Construction

- 20m Buffer
- 50m Buffer
- 100m Buffer
- 200m Buffer
- 350m Buffer
- Construction Compound

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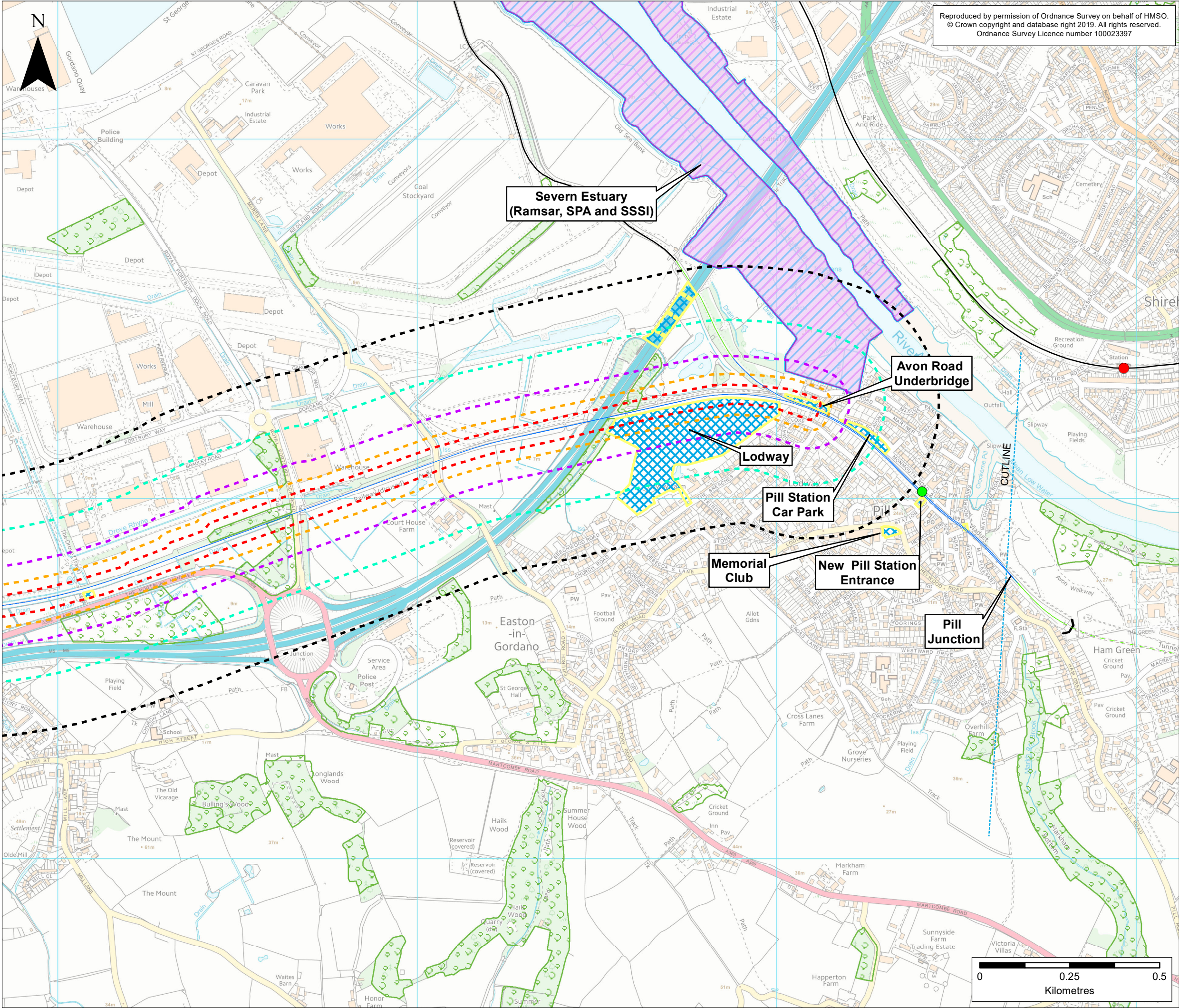
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Figure 7.4: Construction Dust Study Area
Section B
Sheet 2 of 7 - Portishead to Portbury
APFP Regulation 5(2)(a)

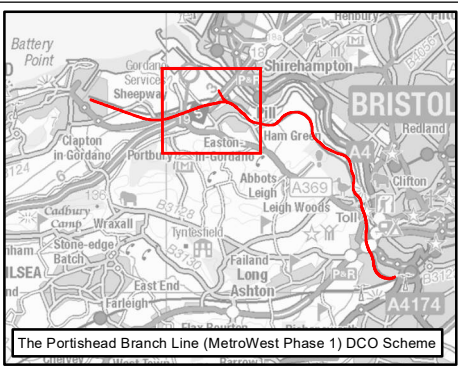
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KEY

Existing Railway

- Existing Railway Line
- Existing Railway Station

Environmental Constraints

- National Forest Inventory
- Site of Special Scientific Interest (SSSI)
- Special Protection Area (SPA)
- Ramsar

Portishead Branch Line

- The Nationally Significant Infrastructure Project (NSIP) Works
- The Associated Development Works
- Section in Tunnel
- New Station

Construction

- 20m Buffer
- 50m Buffer
- 100m Buffer
- 200m Buffer
- 350m Buffer
- Construction Compound

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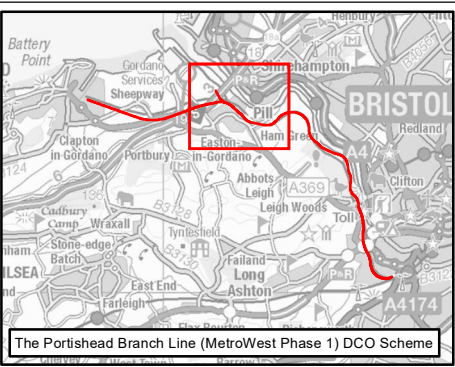
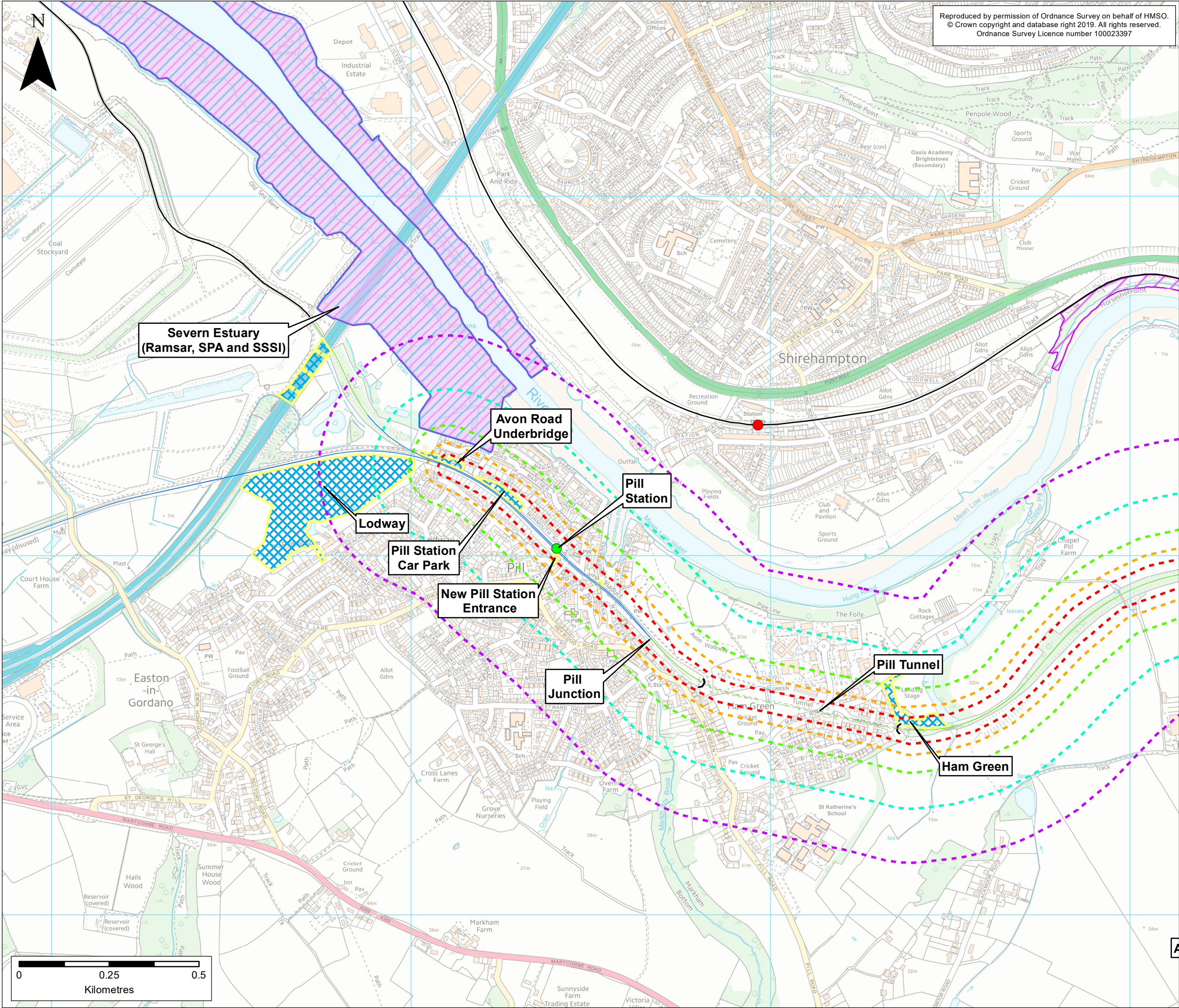
Drawing :

Figure 7.4: Construction Dust Study Area
Section B
Sheet 3 of 7 - Portbury to Pill
APFP Regulation 5(2)(a)

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KEY

- Existing Railway**
- Existing Railway Line
 - Existing Railway Station

- Environmental Constraints**
- Site of Special Scientific Interest (SSSI)
 - Special Protection Area (SPA)
 - Ramsar

- Portishead Branch Line**
- The Nationally Significant Infrastructure Project (NSIP) Works
 - The Associated Development Works
 - Section in Tunnel
 - New Station

- Construction**
- 20m Buffer
 - 50m Buffer
 - 100m Buffer
 - 200m Buffer
 - 350m Buffer
 - Construction Compound

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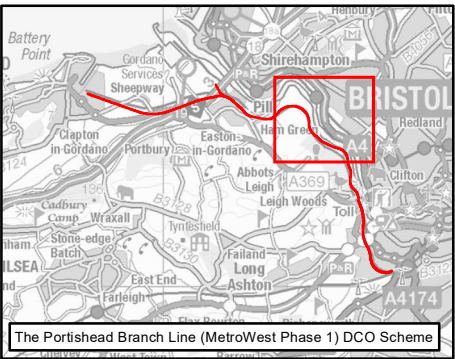
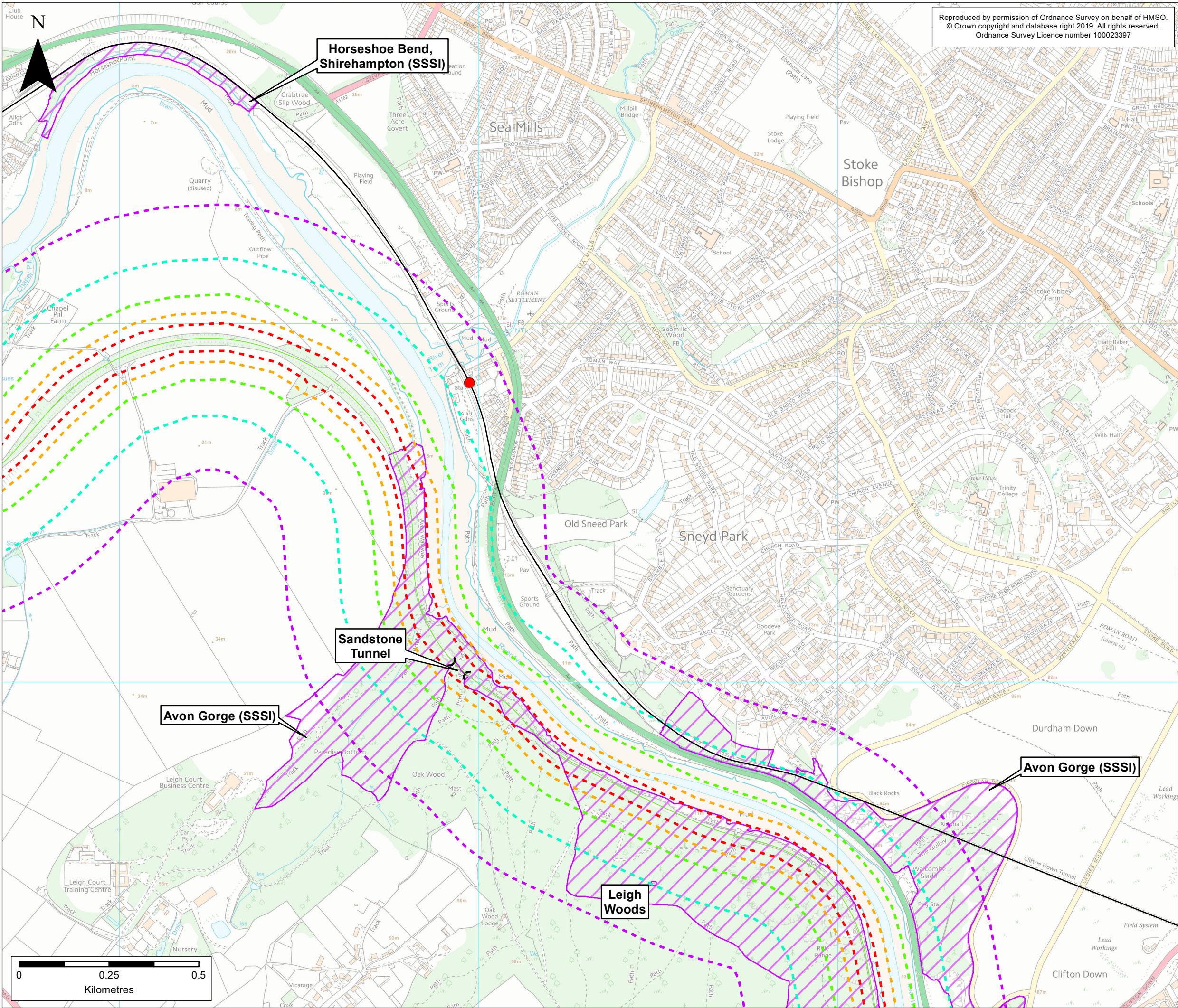
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Drawing : Figure 7.4: Construction Dust Study Area Section C
Sheet 4 of 7 - Pill
APFP Regulation 5(2)(a)

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KEY

Existing Railway

- Existing Railway Line
- Existing Railway Station

Environmental Constraints

- Site of Special Scientific Interest (SSSI)

Portishead Branch Line

- The Associated Development Works

Construction

- 20m Buffer
- 50m Buffer
- 100m Buffer
- 200m Buffer
- 350m Buffer

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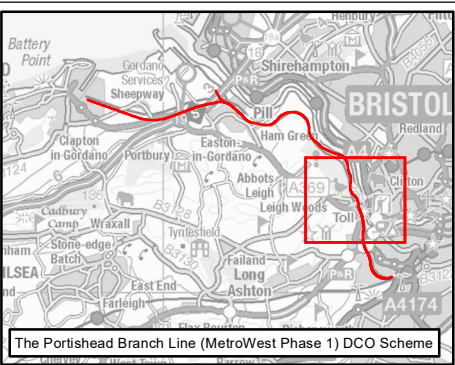
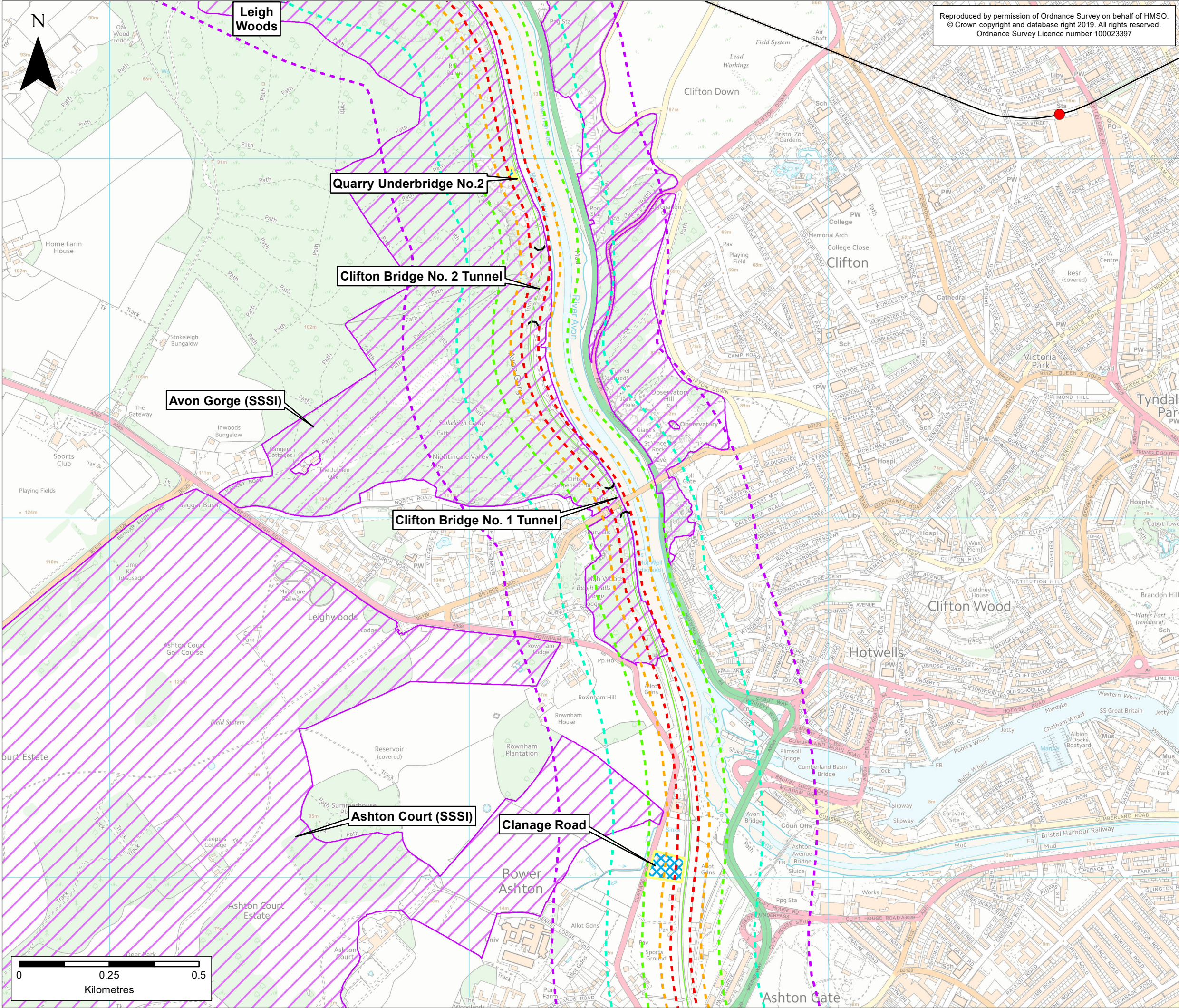
Project : **Portishead Branch Line
(MetroWest Phase 1)**

Drawing : **Figure 7.4: Construction Dust Study Area
Section C
Sheet 5 of 7 - Ham Green to Leigh Woods
APFP Regulation 5(2)(a)**

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KEY

Existing Railway

- Existing Railway Line
- Existing Railway Station

Environmental Constraints

- Site of Special Scientific Interest (SSSI)

Portishead Branch Line

- The Associated Development Works
- Section in Tunnel

Construction

- 20m Buffer
- 50m Buffer
- 100m Buffer
- 200m Buffer
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- Construction Compound

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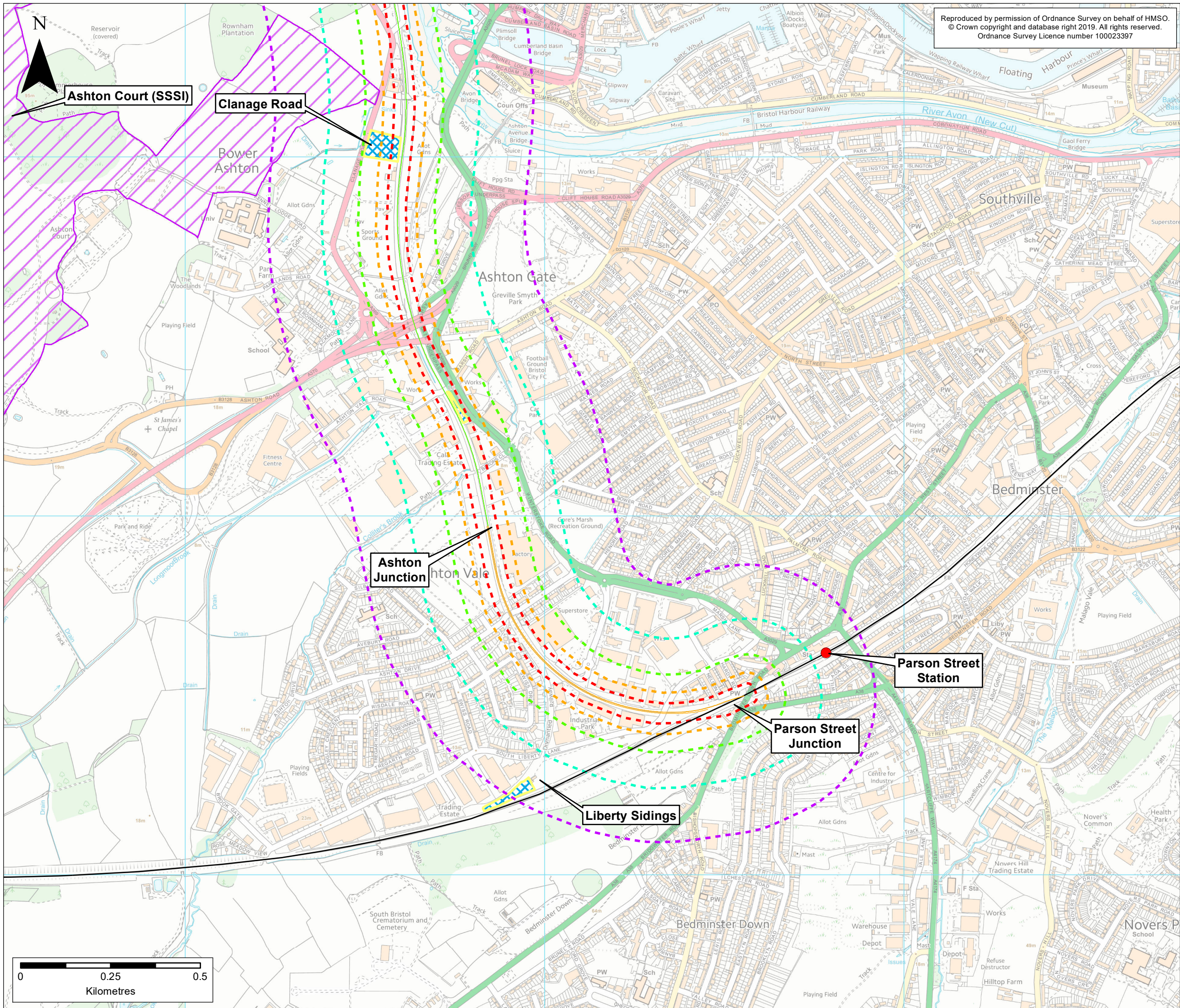
Project : **Portishead Branch Line (MetroWest Phase 1)**

Drawing : **Figure 7.4: Construction Dust Study Area Section C**
Sheet 6 of 7 - Leigh Woods to Rownham Hill
APFP Regulation 5(2)(a)

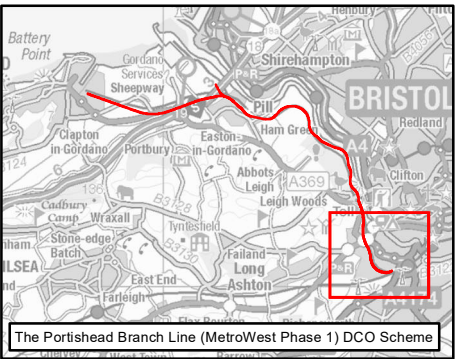
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KEY

Existing Railway

- Existing Railway Line
- Existing Railway Station

Environmental Constraints

- Site of Special Scientific Interest (SSSI)

Portishead Branch Line

- The Associated Development

Other Works

- Network Rail Permitted Development Rights

Construction

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- 50m Buffer
- 100m Buffer
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- 350m Buffer
- Construction Compound

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Drawing :

**Figure 7.4: Construction Dust Study Area
Section C
Sheet 7 of 7 - Rownham Hill to Parson Street
APFP Regulation 5(2)(a)**

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