



Rampion Offshore Wind Farm



ES Section 22 – Ground Conditions

Figure 22.1 – 22.6

RSK Environmental Ltd

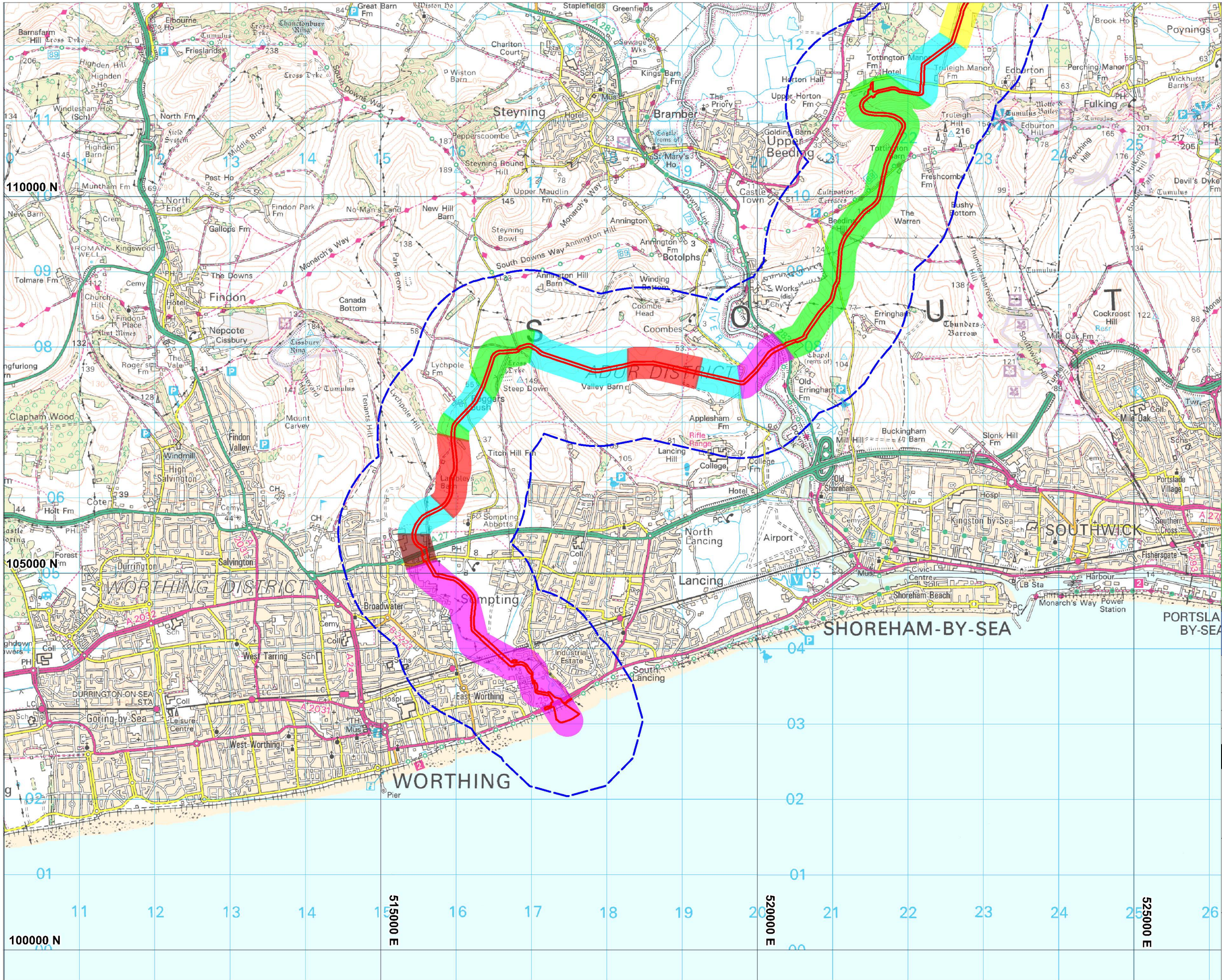
Document 6.2.22

December 2012

APFP Regulation 5(2)(a)

Revision A

E.ON Climate & Renewables UK Rampion Offshore Wind Limited



Legend:

- Development Area
- Study Area

Soil Type Key

- Slowly permeable seasonably wet slightly acid base-rich loamy and clayey soils
- Freely draining lime rich loamy soils
- Shallow lime rich soils over Chalk
- Freely draining slightly acid loamy soils
- Freely draining slightly acid but base-rich soils
- Loamy and clayey soils of coastal flats with a natural high groundwater

03	26.11.12	New Development Area	AJ	KB	DW
02	15.10.12	New Route	DL	KB	DW
01	13.03.12	New Layout	LG	KB	DW
00	25.10.11	First Draft	AJ	KB	DW
Rev	Date	Description	Drn	Chk	App

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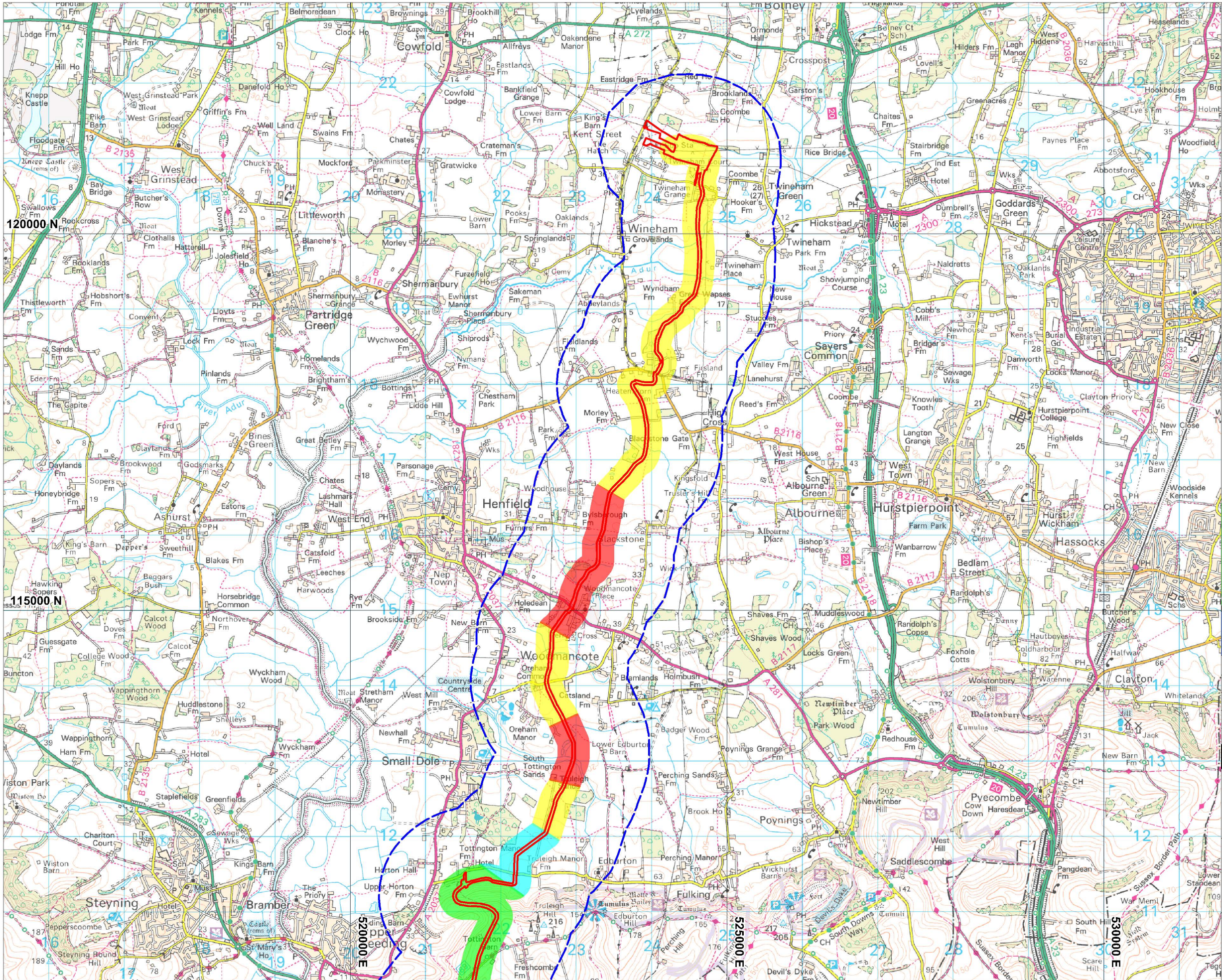
RSK e-on

Title: Figure 22.1 Soil Types Along Proposed Route (Map 1 of 2)

0 0.5 1
kilometres

Scale = 1:50,000 @ A3

REV 03



Legend:

- Development Area
- Study Area

Soil Type Key

- Slowly permeable seasonably wet slightly acid base-rich loamy and clayey soils
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00	25.10.11	First Draft	AJ	KB	DW
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Title: Figure 22.1 Soil Types Along Proposed Route (Map 2 of 2)

0 0.5 1
kilometres

Scale = 1:50,000 @ A3

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REV 03



Legend:

- Development Area
- Study Area
- Potentially Contaminated Site (Information provided by the Environment Agency and Local Authorities)

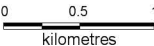


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02	18.10.12	New Route	DL	KB	DW
01	13.03.12	New Layout	LG	KB	DW
00	20.10.11	First Draft	AJ	KB	DW

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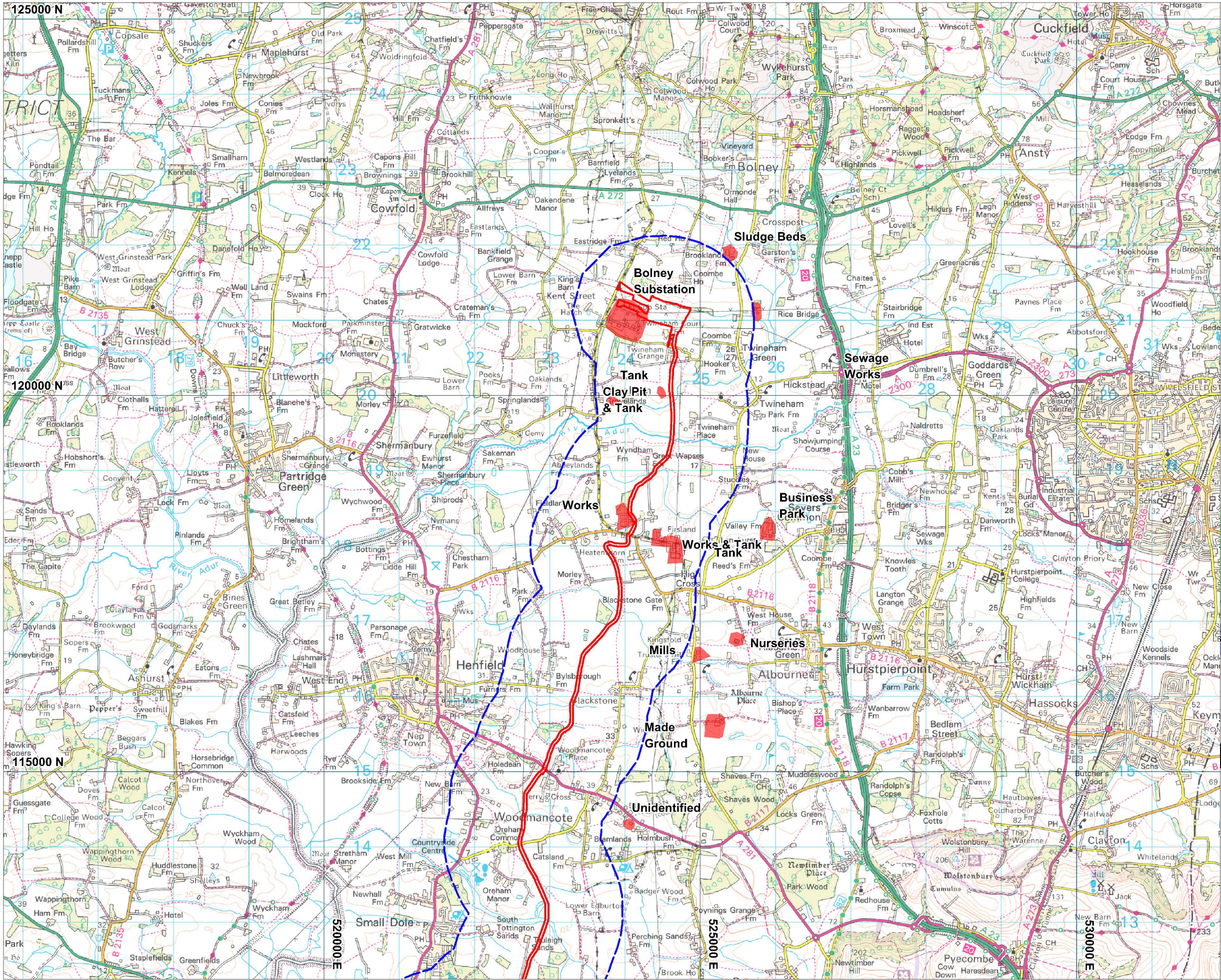
Figure 22.2 Potentially Contaminated Sites (Map 1 of 2)



Scale = 1:50,000 @ A3



REV 03



- Legend:
- Development Area
 - Study Area
 - Potentially Contaminated Site (Information provided by the Environment Agency and Local Authorities)

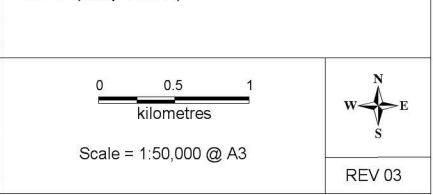


Belsey Bill				
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02	18.10.12	New Route	DL	KB DW
01	13.03.12	New Layout	LG	KB DW
00	20.10.11	First Draft	AJ	KB DW
Rev	Date	Description	Drn	Chk App

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Title:
Figure 22.2 Potentially Contaminated Sites (Map 2 of 2)



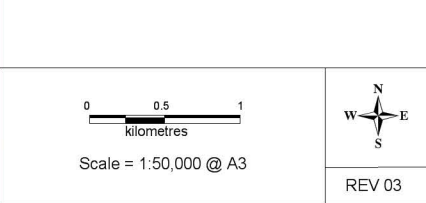


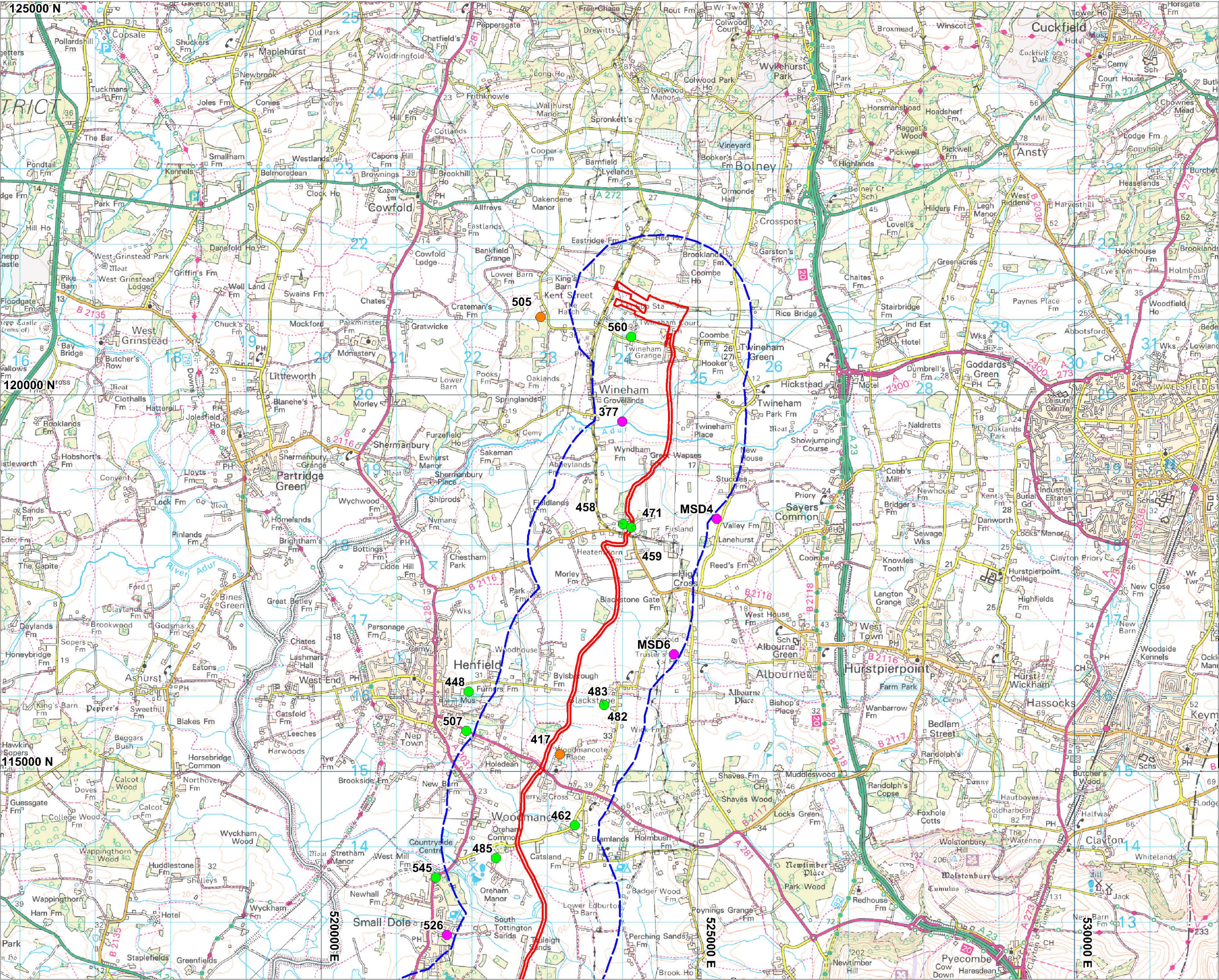
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02	18.10.12	New Route	DL	KB	DW
01	19.03.12	New Layout	LG	KB	DW
00	20.10.11	First Draft	AJ	KB	DW

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Figure 22.3 - Pollution Incidents (Map 1 of 2)





Legend :

- Development Area
- Study Area
- Impact to Land
- Impact to Water
- Impact to Land & Water

438 Incident Number (for details of incident see Appendix 21.1)

NB. Data from Environment Agency and Mid-Sussex District Council relating to incidents to land and water only.



Belsey Bill				
Rev	Date	Description	Drn	Chk App
03	26.11.12	New Development Area	AJ	KB DW
02	18.10.12	New Route	DL	KB DW
01	19.03.12	New Layout	LG	KB DW
00	20.10.11	First Draft	AJ	KB DW

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Title: Figure 22.3 - Pollution Incidents (Map 2 of 2)

Scale = 1:50,000 @ A3

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Legend:

- Development Area
- Study Area
- Sites holding a current waste management permit
- Historic Landfill Site Identified from Environment Agency Website (see Appendix 21.1 for additional details)
- Historic Landfill Site Identified by Mid Sussex District Council



Rev	Date	Description	Drn	Chk	App
03	26.11.12	New Development Area	AJ	KB	DW
02	18.10.12	New Route	DL	KB	DW
00	19.03.12	New Layout	LG	KB	DW
00	20.10.11	First Draft	AJ	KB	DW

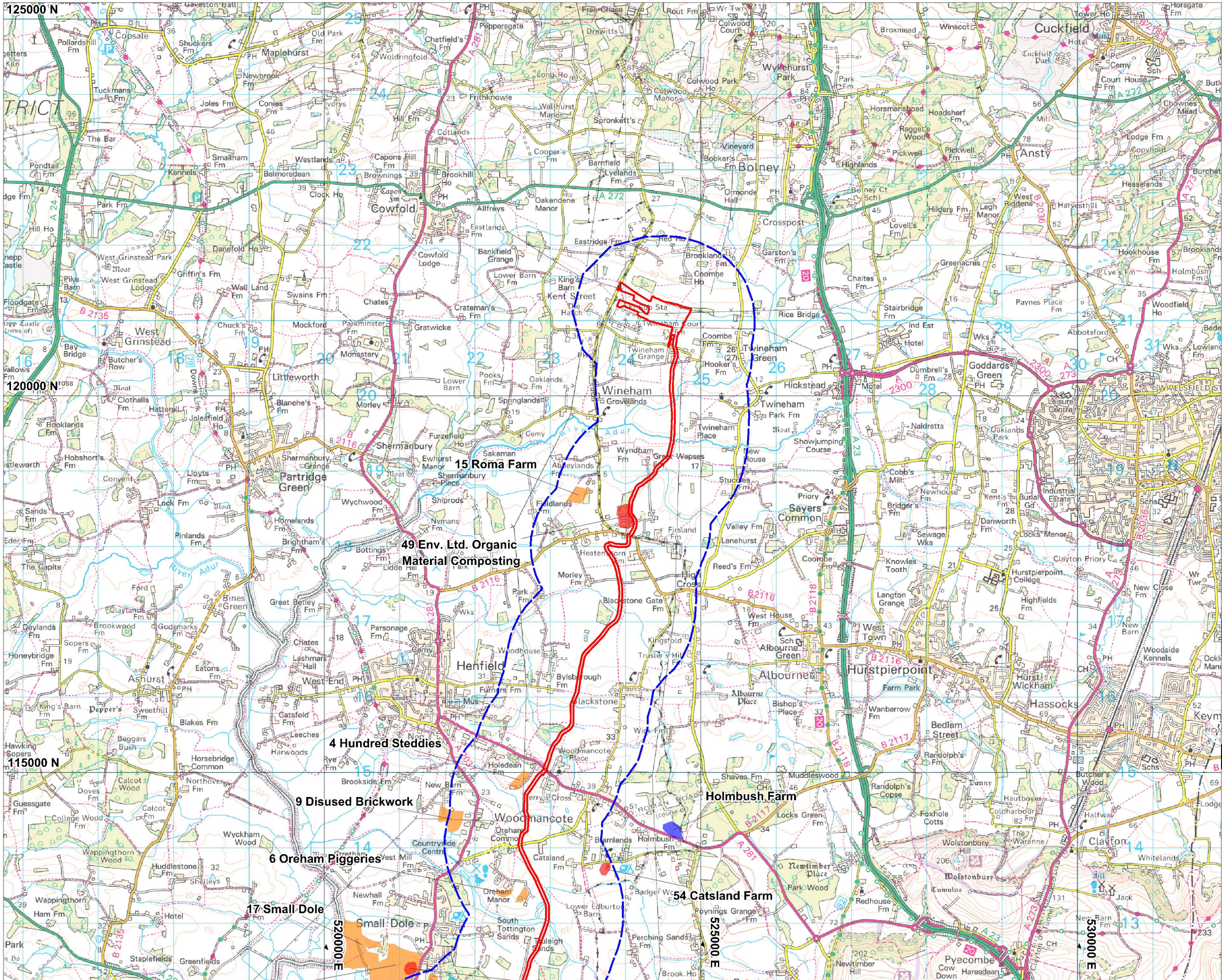
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Title: Figure 22.4 Sites for Waste Management (Map 1 of 2)

Scale = 1:50,000 @ A3

REV 03



Legend :

- Development Area
- Study Area
- Sites holding a current waste management permit
- Historic Landfill Site Identified from Environment Agency Website (see Appendix 21.1 for additional details)
- Historic Landfill Site Identified by Mid Sussex District Council



Rev	Date	Description	Drn	Chk	App
03	26.11.12	New Development Area	AJ	KB	DW
02	18.10.12	New Route	DL	KB	DW
00	19.03.12	New Layout	LG	KB	DW
00	20.10.11	First Draft	AJ	KB	DW

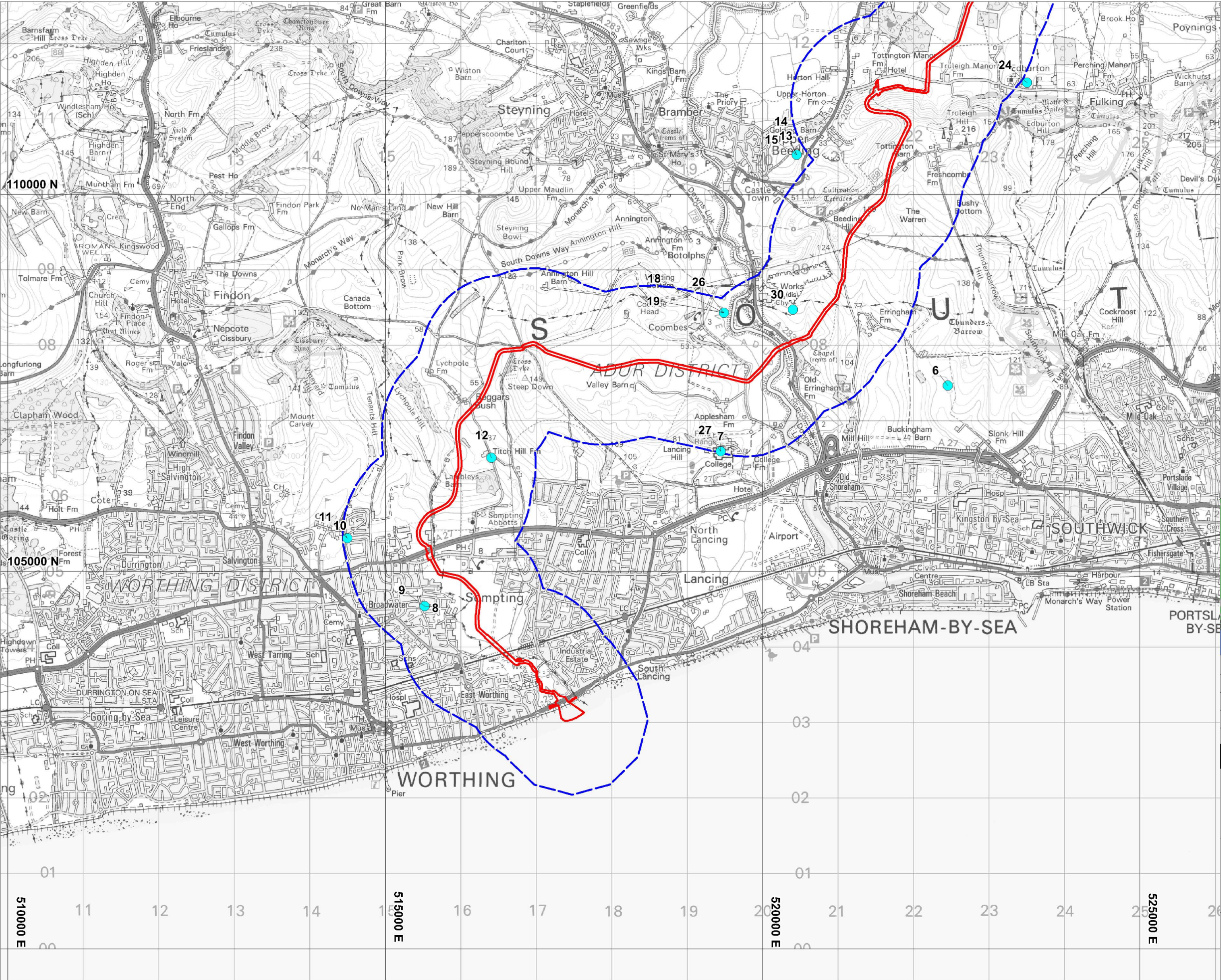
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Title : Figure 22.4 Sites for Waste Management (Map 2 of 2)

Scale = 1:50,000 @ A3

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- Legend :**
- Development Area
 - Study Area
 - Abstraction Licence/Protected Rights - Location +/- 50cm from indicated (data from Environment Agency)
 - Water Well (identified by Mid Sussex District Council)
 - 27 Details of abstraction can be found in Appendix 22.1

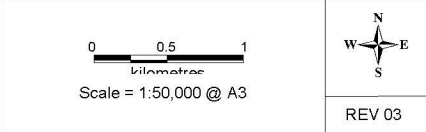


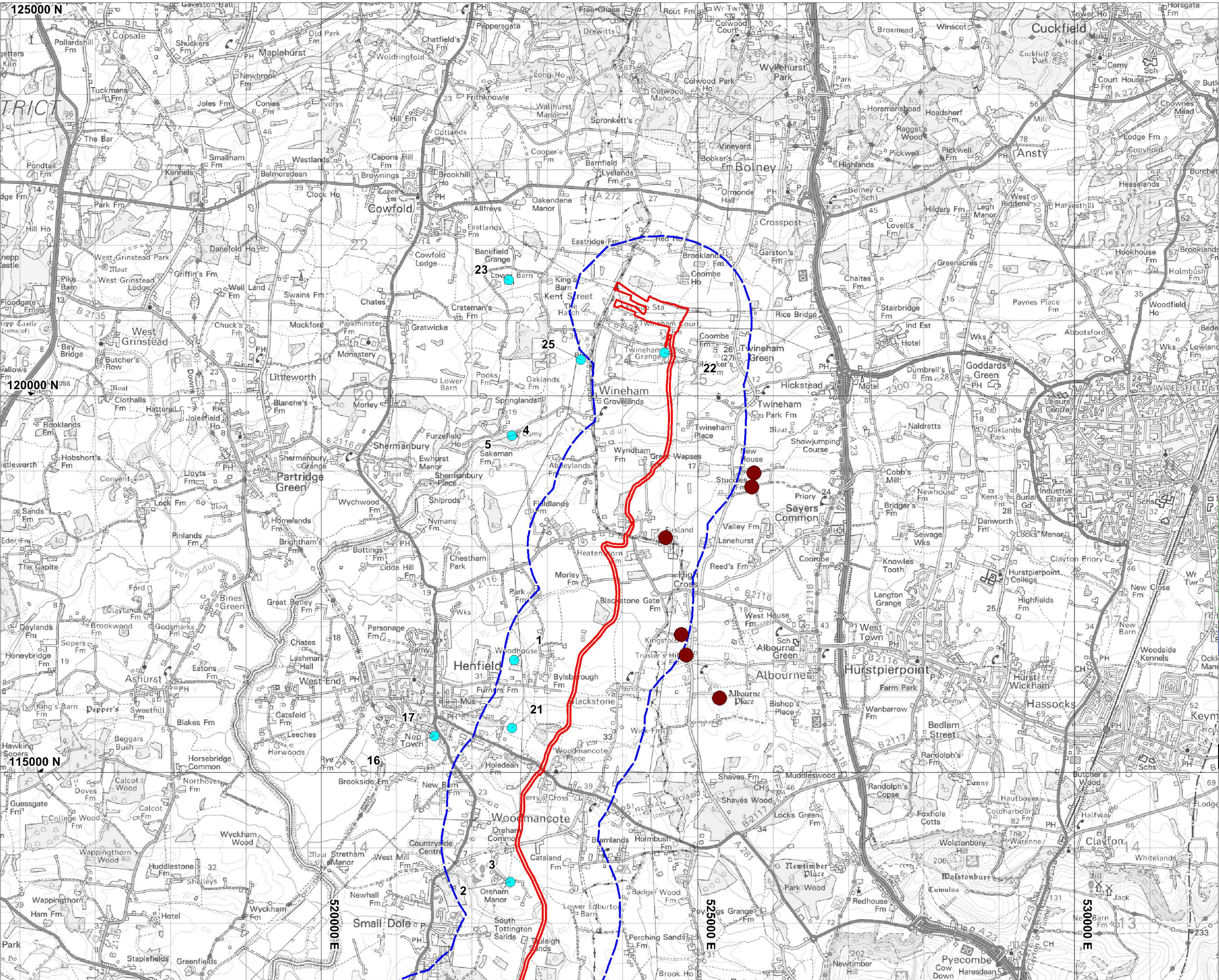
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02	18.10.12	New Route	DL	KB	DW
01	20.03.12	New Layout	LG	KB	DW
00	20.10.11	First Draft	AJ	GS	KB
Rev	Date	Description	Drn	Chk	App

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Title : Figure 22.5 - Licenced Groundwater Abstractions & Identified Waterwells





- Legend :
- Development Area
 - Study Area
 - Abstraction Licence/Protected Rights - Location +/- 50cm from indicated (data from Environment Agency)
 - Water Well (identified by Mid Sussex District Council)
 - 27 Details of abstraction can be found in Appendix 22.1



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03	26.11.12	New Development Area	AJ	KB	DW
02	18.10.12	New Route	DL	KB	DW
01	20.03.12	New Layout	LG	KB	DW
00	20.10.11	First Draft	AJ	GS	KB

Rampion Offshore Wind Farm



Title : Figure 22.5 - Licenced Groundwater Abstractions & Identified Waterwells (Map 2 of 2)

00.51kilometresScale = 1:50,000 @ A3

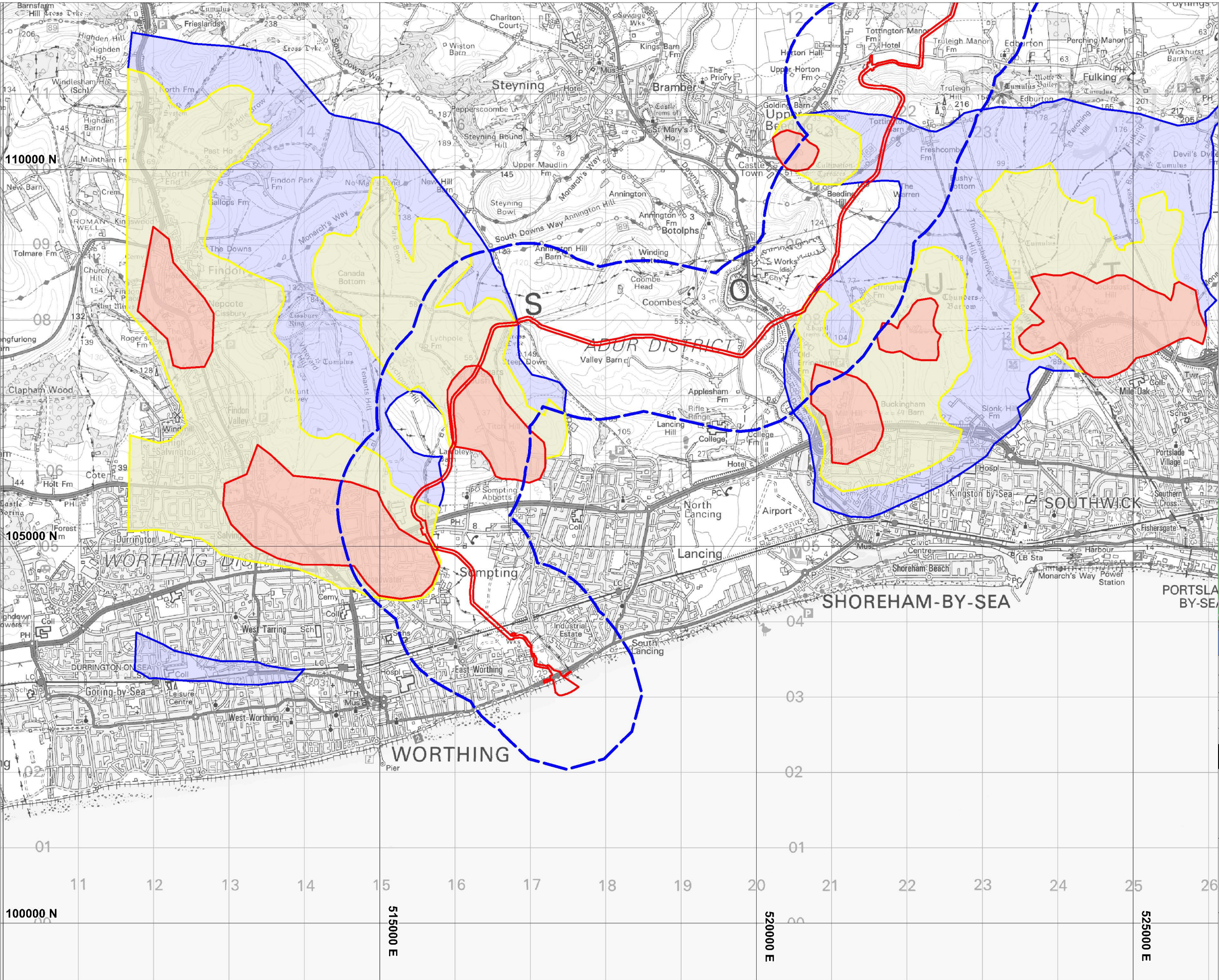
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- Legend:
- Development Area
 - Study Area
 - Zone I - Inner Protection Zone
 - Zone II - Outer Protection Zone
 - Zone III - Total Catchment



Rev	Date	Description	Drn	Chk	App
04	26.11.12	New Development Area	AJ	KB	DW
03	18.10.12	New Route	DL	KB	DW
02	20.03.12	New Layout	LG	KB	DW
01	20.10.11	Second Draft	AJ	GS	KB

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Title: Figure 22.6 - Source Protection Zone (Map 1 of 2)

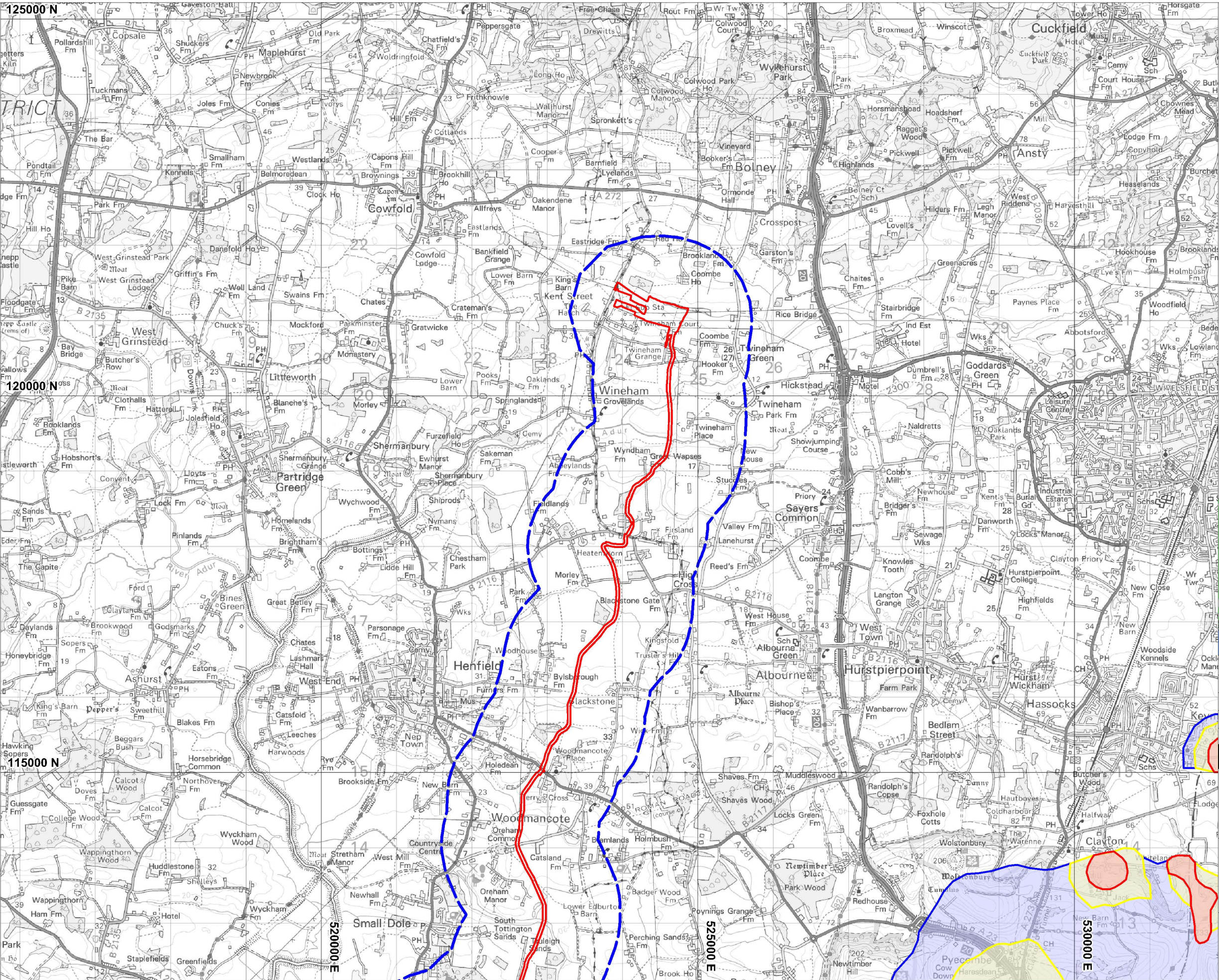
0123456

00.51kilometres

Scale = 1:50,000 @ A3

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Legend :

- Development Area
- Study Area
- Zone I - Inner Protection Zone
- Zone II - Outer Protection Zone
- Zone III - Total Catchment



04	26.11.12	New Development Area	AJ	KB	DW
03	18.10.12	New Route	DL	KB	DW
02	20.03.12	New Layout	LG	KB	DW
01	20.10.11	Second Draft	AJ	GS	KB
Rev	Date	Description	Drn	Chk	App

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Title : Figure 2 - Source Protection Zone (Map 2 of 2)

Scale = 1:50,000 @ A3

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