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Sustainability Appraisal/ Strategic Environmental Assessment of the Wiltshire and Swindon Waste Site Allocations Development Plan Document

Pre-Submission Sustainability Appraisal Report Addendum

December 2011

Enfusion *in association with*
Centre for Sustainability at TRL



Sustainability Appraisal/ Strategic Environmental Assessment of the Wiltshire and Swindon Waste Site Allocations Development Plan Document

Pre-Submission

Sustainability Appraisal Report
Addendum

December 2011

Prepared for: Wiltshire Council and Swindon Borough Council

<i>date:</i>	December 2011	
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**SUSTAINABILITY APPRAISAL / STRATEGIC ENVIRONMENTAL
ASSESSMENT of the
Wiltshire & Swindon Waste Site Allocations DPD**

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1.0 INTRODUCTION

- 1.1 Wiltshire and Swindon Borough Council's Pre-submission draft - Waste Site Allocations Development Plan Document (DPD) was published for public consultation in June 2011 for an eight week period. It was accompanied by a Sustainability Appraisal Report produced by consultants, Enfusion Ltd. The Councils are in the process of refining their Submission document, with an aim to submit the DPD and accompanying evidence, which includes the SA to the Secretary of State in February 2012.
- 1.2 The SA/SEA of the Wiltshire and Swindon Waste Development Framework has been an iterative and ongoing process since 2005. In keeping with this, it is necessary to consider the changes made to the DPD since the publication of the Pre-Submission DPD in June 2011. This addendum seeks to outline the changes made to the DPD since the publication of the Pre-Submission DPD (June 2011) and consider how these changes affect the findings of the Pre-Submission SA Report (April 2011). This addendum report should be read in conjunction with the Pre-Submission SA Report (April 2011) for a full account of how the Sustainability Appraisal has influenced the process to date.

2.0 CHANGES TO THE DPD SINCE PRE-SUBMISSION PUBLICATION (JUNE 2011)

- 2.1 During the eight week Pre-Submission consultation (13th June to 08th August 2011) the Councils were made aware of changes in land ownership consent affecting two of the sites¹ listed in the proposed Pre-Submission DPD. In response to the landowner requests for removal of these sites, these sites were effectively deemed 'undeliverable' and removed from the final site allocations list. In light of this, and to refresh the land ownership information collected when the site selection process began in 2005/06, the Councils contacted the remaining landowners in Autumn 2011 to confirm the deliverability of all sites within the proposed plan. The outcome of this exercise confirmed that 35 of the 43 sites contained within the Pre-Submission DPD could be considered deliverable in relation to landowner consent.
- 2.2 The eight sites which have been removed from the site allocations list following the landowner consent exercise are:
- West Ashton Employment Allocation, Trowbridge
 - Castledown Business Park, Ludgershall
 - Nursteed Road Employment Allocation, Devizes
 - Salisbury Road Business Park, Pewsey
 - Solstice Business Park, Amesbury
 - Sarum Business Centre, Salisbury
 - Thorney Down WTS, Winterslow
 - Salisbury Road Industrial Estate, Downton
- 2.3 Other minor changes to the DPD include:
- the removal of Housing Recycling Centre (HRC) from the list of potential waste development types at Leafield Industrial Estate, Corsham²;

¹ Nursteed Road Employment Allocation, Devizes; and West Ashton Employment Allocation, Trowbridge

² HRC was removed following a discussion between the Council and landowner, who indicated that there isn't enough space on the site to accommodate the queuing traffic associated with this waste development type.

- Chitterne Waste Management Facility has reverted to the name of the farm and is hence now called - Land at Valley Farm, Chitterne.
- Wiltshire Waste, Tinkersfield Farm, Devizes has been renamed - Wiltshire Waste (Recycling) Ltd, Tinkfield Transfer Station, Devizes.

3.0 HOW DO THE CHANGES AFFECT THE FINDINGS OF THE PRE-SUBMISSION SA REPORT (APRIL 2011)

- 3.1 The key amendments to the Pre-Submission SA Report as a result of the changes outlined above are as follows:

Pre-Submission SA Report as a whole

- Chitterne Waste Management Facility should now be referred to as Land at Valley Farm, Chitterne.
- Wiltshire Waste Tinkersfield Farm, Devizes should now be referred to as Wiltshire Waste (Recycling) Ltd Tinkfield Transfer Station, Devizes.

Section 5 of the Pre-Submission SA Report

- The summary of the individual appraisals for the eight sites removed from the site allocations list should be disregarded, including the key issues to be considered in cumulative effects for each of these sites.
- Pickpit Hill (Ludgershall) - the key issues to be considered in the Cumulative Effects Assessment should be disregarded due to the removal of Castledown Business Park (Ludgershall), as there is no longer potential for waste developments at these sites to act cumulatively.
- Wiltshire Waste Tinkersfield Farm, Devizes (now called Wiltshire Waste (Recycling) Ltd Tinkfield Transfer Station, Devizes) - Biodiversity and Geodiversity and Human Health and Amenity within the key issues to be considered in the Cumulative Effects should be disregarded due to the removal of Nursted Road Employment Allocation (Devizes), as there is no longer potential for waste developments at these sites to act cumulatively.
- HRC has been removed as a potential waste development type at Leaffield Industrial Estate, Corsham. The removal of HRC at this site means that there is likely to be less of an impact on levels of atmospheric pollution noise, vibration, odour and nuisance through increased traffic and operations.

Section 6 of the Pre-Submission SA Report

- The following sites should be removed from consideration under **air quality** as there is no longer the potential for cumulative effects:
 - Castledown Business Park, Ludgershall;
 - Pickpit Hill, Ludgershall;
 - Nursted Road Employment Allocation, Devizes; and
 - Wiltshire Waste Tinkersfield Farm, Devizes.
- The following sites should be removed from consideration under **biodiversity and geodiversity** as there is no longer the potential for cumulative effects:

- Nursteed Road Employment Allocation, Devizes;
 - Wiltshire Waste Tinkfield Farm, Devizes;
 - Sarum Business Park, Salisbury; and
 - Salisbury Road Industrial Estate, Downton.
- The following sites should be removed from consideration under **human health and amenity** as there is no longer the potential for cumulative effects:
 - Castledown Business Park, Ludgershall;
 - Pickpit Hill, Ludgershall;
 - Nursteed Road Employment Allocation, Devizes; and
 - Wiltshire Waste Tinkersfield Farm, Devizes.
 - The following sites should be removed from consideration under **traffic and transportation** as there is no longer the potential for cumulative effects:
 - Castledown Business Park, Ludgershall;
 - Nursteed Road Employment Allocation, Devizes; and
 - West Ashton Employment Allocation, Trowbridge.

Appendix 2

- Changes to Appendix 2 as a result of updated waste capacity information (Waste Capacity Gap Report October 2011) are marked in **red** (additions) and **red strikethrough** (deletions).

Permitted additional capacity, by waste stream and type of facility, since 2006

Waste stream	Type of facility	Capacity (tpa)	Capacity (tonnes)	Void space capacity (m ³)
Municipal	Waste treatment	38,000 60,000		
	Outdoor composting	35,050 45,050		
	Recycling	38,000 28,000		
Industrial and commercial	Waste treatment	122,000 82,000		
	Recycling/transfer	91,538		
	Landfill		725,840 663,200 ³	604,867 552,666 ⁴
Inert	Recycling/transfer	96,730		
	Landfill		988,000	988,000 ⁵

³ Figure takes into account a landfill application which will take in 29% I&C waste (and 71% municipal).

⁴ Void space capacity for industrial and commercial waste calculated on conversion ratio of 1.2 tonnes per m³ (source EA).

⁵ Void space capacity for inert waste calculated on conversion ratio of 1 tonne per m³ (source EA).

Calculation for generating the revised capacity figures (2011 – 2026)

Waste Stream	Type of capacity	(A) Capacity to be delivered (2006-2026)	(B) Capacity delivered 2006 – 2010	(A) – (B) Capacity to be delivered (2011-2026)
Municipal	Treatment	54,000 tpa	38,000 60,000	16,000 tpa -6,000 tpa
	HRC	3	2	1
	MRF	1	1	1
Industrial and commercial	Void space	915,870 m ³	604,867 552,666 ³	363,003m³ 363,204m ³
	Treatment	250,000 tpa	122,000 82,000	128,000 tpa 168,000 tpa
	Recycling	150,000 tpa	91,538	58,462 tpa
Inert	Void space	950,000 m ³	988,000	-33,000 m ³
	Recycling/Transfer	90,000 tpa	96,730	-6,730 tpa

Revised capacity figures (2011 – 2026)

Waste Stream	Type of capacity	Capacity to be delivered (2011-2026)
Municipal	Treatment	16,000 tpa -6,000 tpa
	Recycling	1 HRC
	Materials Recovery	1 MRF
Industrial and commercial	Void space	311,003 m³ 363,204 m ³
	Treatment	128,000 tpa 168,000 tpa
	Recycling	58,462 tpa

Non-Technical Summary

- Changes to the Cumulative Effects of Waste Site Allocations table are marked in red (additions) and red ~~strikethrough~~ (deletions).

Cumulative Effects of Waste Site Allocations	
Site Cluster	Cumulative Effects on:
<ul style="list-style-type: none"> • Waterside Park, Swindon • Brindley Close / Darby Close • Land at Kendrick Industrial Estate, Swindon • Rodbourne Sewerage Treatment Works 	<p>Air Quality - sites are located in close proximity.</p> <p>Biodiversity & Geodiversity - sites are in close proximity to 3 County Wildlife Sites.</p> <p>Human Health & Amenity - sites are in close proximity to employment uses.</p> <p>Traffic & Transportation - potential for negative effects on local transport infrastructure.</p>
<ul style="list-style-type: none"> • Parkgate Farm, Purton 	<p>Air Quality - sites are located in close</p>

Cumulative Effects of Waste Site Allocations	
Site Cluster	Cumulative Effects on:
<ul style="list-style-type: none"> •Purton Brickworks Employment Allocation, Purton 	<p>proximity.</p> <p>Human Health & Amenity - sites are in close proximity to a residential area.</p> <p>Traffic & Transportation - potential for negative effects on local transport infrastructure.</p>
<ul style="list-style-type: none"> •Land East of HRC/WTS at Stanton St Quinton •Land West of HRC & WTS, Stanton St Quinton 	<p>Air Quality - sites are located in close proximity.</p> <p>Biodiversity & Geodiversity - sites are in close proximity to 2 Sites of Special Scientific Interest.</p> <p>Human Health & Amenity - sites are located in close proximity to farms and businesses.</p> <p>Traffic & Transportation - potential for negative effects on local transport infrastructure.</p>
<ul style="list-style-type: none"> •Hampton Business Park (Part of), Melksham •Bowerhill Industrial Estate, Melksham 	<p>Air Quality - sites are located in close proximity.</p> <p>Human Health & Amenity - sites are in close proximity to employment uses.</p> <p>Traffic & Transportation - potential for negative effects on local transport infrastructure.</p>
<ul style="list-style-type: none"> •West Wilts Trading Estate, Westbury •Northacre Trading Estate, Westbury 	<p>Air Quality - sites are located in close proximity.</p> <p>Biodiversity & Geodiversity - a number of County Wildlife Sites are within 1km.</p> <p>Human Health & Amenity - sites are in close proximity to residential and employment areas.</p> <p>Traffic & Transportation - potential for negative effects on local transport infrastructure.</p>
<ul style="list-style-type: none"> •Castledown Business Park, Ludgershall •Pickpit Hill, Ludgershall 	<p>Air Quality - sites are located in close proximity.</p> <p>Human Health & Amenity - sites are in close proximity to residential and employment areas.</p> <p>Traffic & Transportation - potential for negative effects on local transport infrastructure and congestion and capacity issues with regard to the A3026.</p>
<ul style="list-style-type: none"> •Nursteed Road Employment Allocation, Devizes •Wiltshire Waste Tinkersfield Farm, Devizes 	<p>Air Quality - sites are located in close proximity.</p> <p>Biodiversity & Geodiversity - sites are in close proximity to Nursteed Farm Woods County Wildlife Site.</p> <p>Human Health & Amenity - sites are in close proximity to employment uses.</p>
<ul style="list-style-type: none"> •Hopton Industrial Estate, Devizes •Nursteed Road Employment 	<p>Traffic & Transportation - potential for negative effects on local transport</p>

Cumulative Effects of Waste Site Allocations	
Site Cluster	Cumulative Effects on:
<p style="color: red;">Allocation, Devizes</p> <ul style="list-style-type: none"> • Wiltshire Waste (Recycling) Ltd Tinkersfield Farm Transfer Station, Devizes 	<p>infrastructure and congestion and capacity issues with regard to the A361.</p>
<ul style="list-style-type: none"> • CB Skip Hire, St Thomas Farm, Amesbury • Sarum Business Park, Salisbury • Salisbury Road Industrial Estate, Downton • Former Imerys Quarry, Quidhampton 	<p>Biodiversity & Geodiversity - sites are in close proximity to the River Avon Special Area of Conservation.</p>
<ul style="list-style-type: none"> • Bumpers Farm Industrial Estate • Thingley Junction, Chippenham • Leafield Industrial Estate, Calne • Hampton Business Park (Part of), Melksham • West Wilts Trading Estate, Westbury • Northacre Trading Estate, Westbury • Lafarge Cement Works • Bowerhill Industrial Estate, Melksham • Canal Road Industrial Estate, Trowbridge • West Ashton Employment Allocation, Trowbridge • Warminster Business Park, Warminster 	<p>Traffic & Transportation - potential for congestion and capacity issues with regard to the A350.</p>

4.0 CONCLUSION

- 4.1 The significant change to the DPD since the publication of the Pre-Submission document is the removal of eight of the 43 sites considered suitable to accommodate future waste management uses. The changes do not significantly alter the findings of the individual appraisals for the remaining 35 site allocations. The removal of the eight sites predominantly has impacts on the consideration of the cumulative effects of site clusters. This means that there are fewer clusters of sites with the potential for cumulative negative effects on key receptors, which include Air Quality; Biodiversity & Geodiversity; Human Health & Amenity and Traffic & Transport.