

AERC REF: F5501/R1866
Version: 1

February 2005
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**SUPPLEMENTARY PLANNING DOCUMENT:
WASTE STORAGE AND RECYCLING IN NEW
DEVELOPMENTS:**

SUSTAINABILITY APPRAISAL

Prepared

for

CARRICK DISTRICT COUNCIL

by

**Applied Environmental Research Centre
Ltd**

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Report Ref: F5501/R1866

Originator: _____ February 2005

Checked & Approved: _____ February 2005

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APPENDICES

Appendix 1: Sustainability of the Draft Guidance

SUMMARY

1. Carrick District Council (CDC) appointed Applied Environmental Research Centre Ltd (AERC) to undertake a Sustainability Appraisal (SA) of the District Council's Supplementary Planning Document (SPD) entitled "Waste Storage and Recycling in New Developments".
2. The Draft SPD provides guidance to ensure that all new developments in Carrick District incorporate sufficient space and appropriate facilities for the storage and collection of different waste streams in a practical and visually and environmentally acceptable manner.
3. CDC intend to use the SPD in the present or amended form as Supplementary Planning Document against which all development proposals will in future be judged.
4. The UK Government describes sustainable development as "ensuring a better quality of life for everyone, now and for generations to come". All development proposals should be judged against the criteria for achieving sustainable development.
5. The methodology used for the Appraisal incorporated assessing the Document against "Local Sustainable Development Objectives" and the Cornwall County Structure Plan general policy relating to waste management.
6. The Appraisal considered the principles and objectives of the SPD, the Waste Planning Guidance Requirements and the examples elsewhere of 'best practice'.
7. The Appraisal concludes that the Supplementary Planning Document is sustainable and would encourage sustainable development in terms of waste storage and recycling.
8. The SPD would make a major contribution to the overall objective of encouraging greater waste recycling in Carrick District in a visually and environmentally acceptable manner.
9. It will be for Carrick District Council to consider adopting the SPD in its present or amended form as part of Supplementary Planning Document.

1. INTRODUCTION

1.1 Purpose of Appraisal

- 1.1.1 Carrick District Council (CDC) appointed Applied Environmental Research Centre Ltd (AERC) to undertake a Sustainability Appraisal (SA) of the Supplementary Planning Document (SPD) which the Council has prepared entitled "Waste Storage and Recycling in New Developments". The SPD is intended to be subsequently adopted as SPD after Council consideration and public consultation.
- 1.1.2 The purpose of the Document is to ensure that all new developments in Carrick District incorporate sufficient space and appropriate facilities for the storage and collection of different waste streams. It provides Supplementary Planning Guidance which CDC will consider when determining future planning applications.
- 1.1.3 The Sustainability Appraisal assesses whether the SPD encourages "sustainable development" and provides guidance where necessary as to how to make the SPD more sustainable in terms of facilitating sustainable development or to ensure sustainability.

1.2 Sustainable Development

- 1.2.1 In 1999, the UK Government published, "A Better Quality of Life, a Strategy for Sustainable Development for the UK". The Strategy describes Sustainable Development as, "ensuring a better quality of life for everyone, now and for generations to come". Through including the phrase "quality of life" in the definition, the Government clarified the concept of "sustainability" to encompass the wider economic and social issues in addition to the better understood environmental aspects.
- 1.2.2 The Strategy states that in achieving "Sustainable Development", four interrelated and equally important objectives have to be fulfilled. These are:
- Social progress which recognises the needs for everyone;
 - Effective protection of the environment;
 - Prudent use of natural resources; and
 - Maintenance of high and stable levels of economic growth and employment.
- 1.2.3 The Strategy provides a framework to guide not only Government policies in the future but all decision-making on significant development, and against which progress in achieving sustainable development can be judged.

1.3 The Supplementary Planning Document

- 1.3.1 Carrick District Council is concerned that the problems relating to the lack of waste storage space within existing developments is likely to be true for new developments. The Document ensures that future development proposals in Carrick District accommodate waste storage and recycling in a practical and manageable way which is visually and environmentally acceptable.
- 1.3.2 Stakeholders views of waste planning in Carrick District were sought and included in the Document and local and national design issues researched. A number of issues were identified, including the difficulty of waste storage in terraced housing and flats

and environmental and control problems associated with grouped and larger waste storage and recycling facilities.

- 1.3.3 The Document sets out the principles and objectives for accommodating waste storage and recycling within new developments in Carrick District. These include provision of space and facilities for the source-separation of waste material for recycling to facilitate collection which are practical, safe and visually and environmentally acceptable.
- 1.3.4 The Document also sets out Waste Planning Guidance requirements (WPGs) which the District Council will expect all new planning proposals to accommodate. All planning applications for developments in Carrick District will in future be assessed by reference to these WPGs.
- 1.3.5 Amongst other matters, the WPGs will require housing and other developments over a certain size to contribute to the cost of improved kerbside collection and recycling facilities by providing a 'commuted sum'; to provide waste storage and recycling facilities within developments; and for certain housing developments additionally to provide grouped waste storage facilities to aid collection and improve the visual appearance of housing areas where waste bins are waiting for collection.
- 1.3.6 The Document requires that grouped waste storage provision is included for housing and other developments and that they are managed either by a management company or adopted by the Council for future management, with 'commuted sum' payment for such management in the future.
- 1.3.7 In addition, the Document sets out development 'best practice' relating to waste storage and recycling which developers should consider when preparing planning proposals.

2. METHODOLOGY

2.1 Local Sustainable Development Objectives

2.1.1 In accordance with general and accepted practice, the Methodology used for the Appraisal included the testing of the sustainability of all the requirements in the SPD against a common set of objectives. These objectives have been called 'Local Sustainable Development Objectives' or LSDOs.

2.1.2 The LSDOs need to reflect the unique circumstances of Carrick District and those chosen for the task ideally should be the subject of extensive community involvement.

2.1.3 In the circumstances it was decided to use the principles for sustainable development outlined in the Adopted Cornwall County Structure Plan (Policy 1) to provide the LSDOs to be used for the Appraisal. These principles fully encompass the four UK Government sustainability objectives and relate to all developments within the County of Cornwall, including waste developments.

2.1.4 The Seven LSDOs chosen to appraise the SPD are as follows:

LSDO 1: The conservation and enhancement of Cornwall's character and distinctiveness;

LSDO 2: The prudent use of resources and the conservation of natural and historical assets;

LSDO 3: The regeneration of towns and villages in meeting the needs of their population and surrounding area;

LSDO 4: Fostering the links between the environment and the economy;

LSDO 5: A reduction in the need to travel, whilst optimising the choice of modes, particularly walking, cycling and the use of public transport;

LSDO 6: Access for all sectors of the community to well paid and rewarding employment, satisfactory housing and adequate services and facilities; and

LSDO 7: Meeting needs when they arise.

2.2 Waste Management Policies

2.2.1 In view of the subject of the SPD, its contents were also tested against the Cornwall County Structure Plan general policy relating to waste management (Policy 6) which also accommodates requirements for sustainable development. The policy requires the following seven criteria to be satisfied by new developments:

- The minimisation of waste production;
- The protection of the environment and local amenity from significant adverse effects of waste management facilities;
- Achieving high standards of design;
- The management of waste as close as practicable to its origin;
- The development of an integrated network of waste management facilities in accordance with the spatial strategy element of the Structure Plan;
- Accommodating the BPEO – that is the most environmentally and economically acceptable solution; and
- Recognising the Waste Hierarchy.

2.3 The Process

- 2.3.1 The Appraisal first considered the principles and objectives of the SPD to ascertain whether in general terms they would encourage sustainable development.
- 2.3.2 The Appraisal then considered the specific Waste Planning Guidance requirements or WPGs in the context of the supporting material to ascertain whether they made a sustainable, unsustainable or uncertain impact or no impact on the LSDOs. The results are contained in Table 1 of Appendix1. A judgement was then made on whether the WPG was overall sustainable, unsustainable or whether it was uncertain in sustainability terms. Comments were also included on any measures to improve or ensure sustainability.
- 2.3.3 The process was also repeated for each WPG to ascertain they performed against the seven criteria contained in the Cornwall County Structure Plan Policy 6 and consequently whether they conformed to the policy and could therefore be considered to be sustainable. The results are contained in Table 2 of Appendix 1.
- 2.3.4 The Appraisal then generally considered the 'best practice' guidance, photographs showing 'best practice' and sketches showing how waste storage and collection could be provided within future developments, to establish their sustainability.
- 2.3.5 The Appraisal finally came to view regarding the sustainability of the SPD and whether it would be likely to facilitate sustainable development.

3. THE APPRAISAL

3.1 Principles and Objectives

3.1.1 The SPD sets out the following principles and objectives:

Principles

All new developments will be expected to:

- Make it easy for the householder (or staff if it is a commercial development) to use the appropriate storage of source-separated waste material resulting from new developments;
- Ensure the easy collection of source-separated waste material for recycling or disposal; and
- Provide waste collection and recycling facilities that are practical, safe and visually and environmentally acceptable.

Objectives

All new developments will be required to:

- Include adequate secured and screened space within or close to the curtilage of the development for source-separated 'dry' and 'green' wastes;
- Provide external screened space for the storage and collection of source-separated wastes in addition to storage inside individual dwellings and their curtilages where the development is for residential purposes appropriate to the scale of the particular development;
- Include larger scaled screened group provision for the storage and collection of wastes which may include facilities for storage of wastes originating from adjoining areas (known as 'bring' wastes), depending upon the scale and type of development and the necessary access requirements; and
- Consider the impact the provision of waste storage and collection facilities will have on the need for large collection vehicles to travel through new developments with consequent implications for layout design and amenity.

3.1.2 It is considered that these principles and objectives underpinning the SPD are generally sustainable and would facilitate sustainable development by accommodating the requirements of the LSDOs and County Structure Plan requirements particularly to deal with the management of waste as close to its origin as possible.

3.1.3 The three draft principles considered together encourage the prudent use of resources by facilitating the storage and collection of source-separated wastes in a way which does not give rise to safety, visual or environmental problems. They will also facilitate the County Structure Plan requirements particularly in terms of dealing with waste locally, the integration of waste management facilities and accommodating waste and recycling in the most economic and environmentally acceptable way.

3.1.4 Similarly the four draft objectives together represent a sustainable approach to waste management. The storage of source-separated wastes within curtilages, with some grouped provision and the accommodation of 'bring' wastes in certain circumstances ensures a sustainable means of encouraging waste storage and recycling. The

proper consideration of the impact of collection vehicles travelling through new developments is important in ensuring sustainability.

3.2 Waste Planning Guidance Requirements

- 3.2.1 All the Waste Planning Guidance Requirements (WPGs), set within the context of the supporting text, are considered to be sustainable and would facilitate sustainable development.
- 3.2.2 All of the WPGs would particularly encourage the prudent use of resources (LSDO 2), foster links between the environment and the economy (LSDO 3) and reduce the need to travel (LSDO 5). Overall they would help in the sustainable management of waste generated locally.
- 3.2.3 The safeguards included within the requirements - in terms of the performance of certain criteria or the context for their imposition - are important for ensuring sustainability.
- 3.2.4 For instance, it is important that the 'commuted sum' required by WPR 3 reflects the amount of waste produced and that it would be used to facilitate improved waste storage and recycling locally to ensure sustainability. In addition the requirement for grouped waste storage to be properly managed (WPR 4), screened and accessible to collection vehicles (WPRs 5 to 8) is essential for safeguarding sustainability. These criteria are also important in accommodating the views from the stakeholder consultation exercise.

3.3 Best Practice

- 3.3.1 The photographs in Appendix 3 showing 'best practice' in terms of waste storage elsewhere in the UK and elsewhere generally demonstrate sustainable practices. However, the use of the present SPD will ensure better sustainable practice in Carrick District by facilitating increased waste storage and recycling in a practical and visually and environmentally acceptable manner.
- 3.3.2 The draft sketch layouts in Appendix 4 show how the Document might be used in practice within Carrick District. The sketches demonstrate how to incorporate sustainable waste storage and recycling facilities within new development schemes and would need to be considered and where necessary incorporated into the Carrick Design Guide where this would improve guidance to developers.

3.4 Supplementary Planning Document

- 3.4.1 Overall the Supplementary Planning Document is considered to be sustainable and would encourage the sustainable management of waste generated by new and existing developments in Carrick District.
- 3.4.2 The overall objective of the Document to encourage greater waste recycling within Carrick District in a visually and environmentally acceptable manner is a sustainable objective. The SPD would make a major contribution to achieving this objective.

4. CONCLUSIONS AND RECOMMENDATIONS

- 4.1.1 The Sustainability Appraisal has concluded that the Supplementary Planning Document - both its individual elements and overall - is sustainable and would encourage sustainable development in terms of waste storage and recycling.
- 4.1.2 The SPD would make a major contribution to the overall objective of encouraging greater waste recycling in Carrick District in a visually and environmentally acceptable manner.
- 4.1.3 It is therefore recommended that Carrick District Council considers adopting the SPD in its present or amended form as part of its Supplementary Planning Document.
- 4.1.4 The District Council may also wish to consider whether reference to the Document needs to be included in the Carrick Design Guide.

**APPENDIX 1:
SUSTAINABILITY OF THE GUIDANCE**

Table 1: The Sustainability of Planning Guidance Requirements

Draft Waste Supplementary Planning Guidance Policies	WPG1 – Details of waste storage, recycling and collection accompanying planning applications.	WPG2 – 'Dry' and 'Green' waste storage facilities.	WPG3 – 'Committed sums' for planning applications for major housing, retail and other developments.	WPG4 – Management of grouped waste storage/ recycling facilities.	WPG5 – New dwellings providing storage for 'dry'/'green' waste.	WPG6 – Flats and apartment waste storage space.
Local Sustainable Development Objectives (LSDOs)						
1. The conservation and enhancement of Cornwall's character and distinctiveness.	✓	•	✓	•	✓	✓
2. The prudent use of resources and the conservation of natural and historic assets.	✓	✓	✓	✓	✓	✓
3. The regeneration of towns and villages in meeting the needs of their population and surrounding area.	•	•	✓	•	•	•
4. Fostering the links between the environment and the economy.	✓	✓	✓	✓	✓	✓
5. A reduction in the need to travel, whilst optimising the choice of modes, particularly opportunities for walking, cycling and the use of public transport.	✓	✓	✓	✓	✓	✓

6. Access for all sectors of the community to well paid and rewarding employment, satisfactory housing and adequate services and facilities.	?	?	?	?	?	?
7. Meeting needs where they arise.	✓	✓	✓	✓	✓	✓
SUSTAINABLE POLICY	Y	Y	Y	Y	Y	Y
Sustainability Comments and possible measures to improve Sustainability	Sustainable Requirement	Sustainable Requirement	Sustainable Requirement provided sum reflects waste produced and used to improve waste collection/recycling.	Sustainable Requirement – management important for environmental reasons.	Sustainable Requirement	Sustainable Requirement – criteria important for sustainability.

Notes: ✓ : Sustainable Impact.
Sustainability terms.

X: Unsustainable Impact.

Y: Sustainable Impact.

?: Policy which is uncertain in

• : No Impact.

?: Uncertain Impact.

N: Policy moving away from Sustainability.

Table 1: Continued

Draft Supplementary Planning Guidance Requirements	WPG 7 – Grouped storage and recycling areas for housing developments 5-50 units	WPG 8 - Grouped storage and recycling areas for housing developments over 50 units	WPG 9 – Individual commercial and non-residential 'dry' and 'green' waste areas	WPG 10 – Grouped facilities for commercial users.	WPG 11 – Tourist Facilities.	WPG 12 – Leisure Facilities.
Local Sustainable Development Objectives (LSDOs)						
1. The conservation and enhancement of Cornwall's character and distinctiveness.	•	•	•	✓	✓	✓
2. The prudent use of resources and the conservation of natural and historic assets.	✓	✓	✓	✓	✓	✓
3. The regeneration of towns and villages in meeting the needs of their population and surrounding area.	•	•	•	•	✓	✓
4. Fostering the links between the environment and the economy.	✓	✓	✓	✓	✓	✓
5. A reduction in the need to travel, whilst optimising the choice of modes, particularly opportunities for walking, cycling and the use of public transport.	✓	✓	✓	✓	✓	✓
6. Access for all sectors of the community to well paid and rewarding employment, satisfactory housing and adequate services and	?	?	?	?	?	?

facilities.						
7. Meeting needs where they arise.						
SUSTAINABLE POLICY	Y	Y	Y	Y	Y	Y
Sustainability Comments and possible measures to improve Sustainability	Sustainable Requirement – Criteria important.	Sustainable Requirement – Criteria important.	Sustainable Requirement – Criteria important.	Sustainable Requirement.	Sustainable Requirement.	Sustainable Requirement.

Notes: ✓ : Sustainable Impact. X: Unsustainable Impact. Y: Sustainable Impact.
• : No Impact. ?: Uncertain Impact. N: Policy moving away from Sustainability.
?: Policy which is uncertain in Sustainability terms.

Table 2: Planning Document Requirements and County Structure Plan Policy

Draft Waste Supplementary Planning Guidance Requirements	WPG1 – Details of waste storage, recycling and collection accompanying planning applications	WPG2 – 'Dry' and 'Green' waste storage facilities	WPG3 – 'Committed sums' for planning applications for major housing, retail and other developments.	WPG4 – Management of grouped waste storage/ recycling facilities.	WPG5 – New dwellings providing storage for 'dry'/'green' waste.	WPG6 – Flats and apartment waste storage space.
Cornwall Structure Plan – Waste Management Policy						
1. The minimisation of waste production.	•	•	•	•	•	•
2. The protection of the environment and local amenity from significant adverse effects of waste management facilities.	✓	✓	✓	✓	✓	✓
3. Achieving high standards of design.	✓	✓	✓	✓	✓	✓
4. The management of waste as close as practicable to its origin.	✓	✓	✓	✓	✓	✓
5. The development of an integrated network of waste management facilities in accordance with the spatial strategy element of the Structure Plan.	✓	✓	✓	✓	✓	✓
6. Accommodating the BPEO – that is the most environmentally and economically acceptable.	✓	✓	✓	✓	✓	✓
7. Recognising the waste hierarchy.	?	?	?	?	?	?

SUSTAINABLE POLICY	Y	Y	Y	Y	Y	Y
Sustainability Comments and possible measures to improve Sustainability	Sustainable - need to monitor future recycling rates.	Sustainable.	Sustainable – use of 'commuted sums' to improve service and recycling.	Sustainable.	Sustainable.	Sustainable.

Notes: ✓ : Sustainable Impact. X: Unsustainable Impact. Y: Sustainable Impact.
• : No Impact. ? : Uncertain Impact. N: Policy moving away from Sustainability.
?: Policy which is uncertain in Sustainability terms.

Table 2: Continued

Supplementary Planning Guidance Policies	WPG7 – provision of grouped waste storage and recycling facilities for housing developments 5 – 50 units	WPG8 – provision of grouped waste storage and recycling facilities for housing of above 50 units	WPG9 – individual commercial and non-residential uses	WPG10 – grouped provision for commercial users within 50 m of each other	WPG11 – Tourist accommodation	WPG12 – Leisure facilities
Cornwall Structure Plan Policy 6 – Waste management						
1. The minimisation of waste production.	•	•	•	•	•	•
2. The protection of the environment and local amenity from significant adverse effects of waste management facilities.	✓	✓	✓	✓	✓	✓
3. Achieving high standards	✓	✓	✓	✓	✓	✓

of design.						
4. The management of waste as close as practicable to its origin.	✓	✓	✓	✓	✓	✓
5. The development of an integrated network of waste management facilities in accordance with the spatial strategy element of the Structure Plan.	✓	✓	✓	✓	✓	✓
6. Accommodating the BPEO – that is the most environmentally and economically acceptable.	✓	✓	✓	✓	✓	✓
7. Recognising the waste hierarchy.	?	?	?	?	?	?
SUSTAINABLE POLICY	Y	Y	Y	Y	Y	Y
Sustainability Comments and possible measures to improve Sustainability	Sustainable.	Sustainable.	Sustainable.	Sustainable.	Sustainable – important element of waste recycling for District.	Sustainable.

Notes: ✓ : Sustainable Impact. X: Unsustainable Impact. Y: Sustainable Impact.
 • : No Impact. ?: Uncertain Impact. N: Policy moving away from Sustainability.
 ? : Policy which is uncertain in Sustainability terms.