

Site Maintenance **Guidelines**

for launching the Wild Atlantic Way



the paulhogarth company



BRADY SHIPMAN MARTIN



INTRODUCTION

The *Wild Atlantic Way* will be the longest coastal driving attraction in the world, inviting greater tourism numbers to the west coast of Ireland from overseas tourist markets to explore this unique and varied, but wild landscape and seascape.

The Vision for the *Wild Atlantic Way* is to build on the existing international reputation of the West Coast of Ireland, and to develop an all encompassing World Class tourism product that will invite visitors to experience the unique wild and natural seascape and landscape of the Atlantic Coast.

It will be at once wild, natural, vibrant and authentic; unspoilt, intriguing, exciting and memorable. It will showcase the wild landscapes and seascapes, and the heritage and history of the places along it.

What does it look like?

The *Wild Atlantic Way* is a route along the Atlantic coast from Kinsale in County Cork to the Inishowen Peninsula in County Donegal, and will be fully developed over a period of 10 years.

Along the *Route* there are *159 Discovery Points*, large and small, each chosen for their potential to offer visitors an authentic and intimate experience of the natural and wild landscape and seascape. The majority of these Discovery Points are alongside or accesses by rural roads, with others being located within village and harbour settings. Additionally, there are *22 Embarkation Points* to island Discovery Points.

Each Discovery Point already has a parking facility in the form of a lay-by or car park, and these will serve as the *Arrival Points* for each site. A number of these Discovery Points will be further enhanced to improve the quality of the visitor experience, subject to compliance with the relevant environmental and habitats regulations.

At this stage, we want the help of the Local Authorities to prepare the Arrival Points to the Discovery Points for the launch of the Wild Atlantic Way in 2014.

This document provides guidelines as to the works that may be required to meet a minimum standard of presentation of these sites. The Guidelines also include an Ecological Method Statement which sets out the ecological standards and procedures which must be complied with by the Local Authorities in implementing any works.

In relation to the further development of the *Discovery Points*, a Strategic Environmental Assessment and an Appropriate Assessment are currently being undertaken of the Wild Atlantic Way Operational Programme and the findings of these assessments will determine the scope, extent and nature of future works, if any.

These Guidelines, therefore, relate only to the parking facilities at the Discovery Points.



OVERVIEW

The parking facilities are the *Arrival Points* for vehicles and provide pedestrian access for visitors to the *Wild Atlantic Way* site markers, and in the longer term, to the *Discovery Points*.

In some cases, the parking facility will incorporate the *Discovery Point*, either because there is no access from it into the surrounding landscape for a variety of reasons, or that it is considered that the best view of the surrounding landscape and seascape is to be had from the parking facility.

Parking facilities are not authentic landscape elements, however, it is important that they are well presented and do not compromise visitor experience of the natural landscape or seascape attraction.

By virtue of their remote and unsheltered locations, many are highly exposed to the excesses of wind and rain, and have endured damage to surfaces, boundaries and facilities - in some cases giving rise to a sense of dereliction. **Poor presentation and dereliction** will undermine visitor experience of the sites.

The purpose of this document is to assist Local Authorities in identifying appropriate repair works that **will enhance the presentation** and visitor experience of parking facilities. Included as part of these guidelines is an Ecological Method Statement. All remedial works undertaken by Local Authorities should comply with these Guidelines and the Ecological Method Statement.

All parking facilities should be effective, visually discreet, and compatible with their natural context.



SITE APPROACH AND ENTRANCE

The extent of what is considered the Site Approach will be determined by the particular characteristics and context of each site.

- In the case of lay-bys, the approach will probably only include the section of road alongside it and any defined entrance.
- For small car parks at the end of cul-de-sacs or along very minor roads, the approach may include some or all of the minor road linking to the main route, as well as any defined entrance.
- Car parks adjacent to settlements, beaches and harbours vary considerably in size, and may incorporate and service other facilities or attractions. In such cases, it may be appropriate that the approach be limited to the part of the car park where the *Wild Atlantic Way* site marker is to be located.

Typical maintenance works may include:

- Repair of broken road surfaces;
- Repair of rutted road edges;
- Cutting roadside grass verges;
- Trimming of hedgerows;
- Weeding and removal of inappropriate species and dead planting;
- De-cluttering and removal of excessive or obsolete signage;
- Repairing or removing broken or inappropriate entrance structures including height restrictions;
- Removal or tidying up of derelict or abandoned equipment in adjoining fields or areas.







PARKING SURFACES

The site car parks, by virtue of their exposed locations, are prone to physical damage by high volumes of drainage, high winds and temperature change, giving rise to broken and uneven surfaces, potholes and surface drainage problems.

Parking surfaces should be continuous, reasonably firm and durable, be free of tripping hazards, incorporating free flowing drainage, and should also be visually compatible with the surrounding context.

Surface materials will typically include tar and chip or compacted stone for rural sites, whereas village and harbour sites might include bitumen macadam, tar and chip, and possibly concrete.

Hot rolled asphalt incorporating drainage channels, gullies, painted line markings, concrete edgings etc are not generally appropriate, but may be required at specific sites where higher volumes of visitors are anticipated.

Issues to Consider

- General: Tidy up sites by removing **debris and gravel piles**, and repairing broken elements. Drainage: Examine the effectiveness of the site drainage, by considering site levels and gradients, the source and direction of cross flows, and the optimum outlet routes. Determine free flowing discreet drainage system that will assist in ensuring the integrity of the parking surface and edges.
- Surfaces: Repair any broken surfaces, potholes, sudden level changes or broken or rutted edges that may give rise to tripping and difficulties for buggies and wheelchair users. Use materials that are consistent with the local road, existing car park or surrounding landscape context as appropriate.
- Vegetation: Grass and other vegetation can break through compact surfaces after a number of years. In some cases this might be considered part of the character; for others, it might be considered **derelict**. An assessment of what is appropriate must be made, and such vegetation either left alone, or the surface renewed to eliminate it. If renewing surfaces, the specification should consider the likelihood of vegetation re-establishing itself.

In general, **do not introduce urban traffic solutions** such as highly finished tarmac, paint marking, bollards, kerbs, barriers or traffic signage in areas that are distinctly rural and natural in appearance.





SITE BOUNDARIES

Boundaries for parking facilities vary significantly, and typically in rural settings include earth mounds, sod and stone banks, hedgerows, post and wire fencing etc., that are consistent with the wider landscape setting. In some cases, they may also include examples of local craftsmanship, such as dry stone walls.

Rural boundaries have an **inherent rugged and almost natural appearance**. Undulating lines, off-plumb fence posts, and weathered appearances are perfectly acceptable authentic elements of the landscape.

Repair and maintenance works for improved presentation may require:

Earth mounds:	Any broken or eroded parts should be repaired to match the original.
Sod and Stone banks:	Reinstate any damaged sections and remove overgrown or dead planting, or any
	inappropriate species;
Hedgerows:	In general, annual trimming to maintain vistas should be undertaken outside bird
	nesting season, ideally in autumn to allow recovery in advance of the tourism
	season.
Dry stone walls:	Repair any broken or fallen sections to match the original
Post & wire fence:	Replace and missing or broken posts or sections of wire
Sand dunes:	Natural features with marram grass should not need maintenance.

Inappropriate boundaries might include bollards (concrete, steel, painted timber), boulders, chain link fencing, painted timber fences, crash barriers, and walls made from blockwork, modular materials or concrete.

Where inappropriate boundary treatments are present they should be removed and replaced with an alternative that is consistent with the surrounding landscape context. If vehicular constraints are necessary for safety or for restricting access, consider solutions derived from typical appropriate boundaries.











SIGNAGE

Sites should be free of all unnecessary clutter, so as not to detract from the setting and visitor experience. Excesses of signage, for direction, safety, information, interpretation and other purposes needs to be rationalised and simplified.

In many instances, typical actions required that may include:

- Removal of abandoned or derelict signage and signage infrastructure;
- · Removal of any urban or otherwise inappropriate signage structures;
- Removal of all commercial advertising;
- Repair and repainting of signage infrastructure.

Local Authorities, in consultation with Fáilte Ireland and other relevant bodies, should seek to remove other tourism and interpretive signage, and if appropriate and necessary, to seek to incorporate other information in conjunction with the *Wild Atlantic Way* site marker.

The *Wild Atlantic Way* site marker will incorporate interpretation signage, the content for which will be agreed by means of a separate consultative process.

The objective is that upon arrival, the *Wild Atlantic Way* site marker should be readily visible, not confused amongst other signage, and be close to the point of interaction (or departure to) the natural and wild experience identified with each site.







SITE FURNITURE

Where site furniture is provided, it is important that it is appropriate to the natural landscape setting, and well maintained so as to enhance visitor experience of the site.

Actions required may include:

- Removal, replacement or repair of any furniture that is broken or appears derelict;
- Removal of any urban style seating or other site furniture that detracts from the authenticity of the site;
- Removal of any makeshift site furniture such as picnic tables and seating made of block, brick or concrete structures;
- Removal of bins comprising re-used oil barrels and other containers, moulded plastic, and urban council type bins.

Picnic tables and seating should generally be understated, robust and well maintained. Easy access is important, including the approach route and base installation.

Bins, where provided, should be convenient without being prominent, and should generally be of naturally bleaching timber construction. Consideration should be given where possible to the provision of dual bins for rubbish and recycling.

Particular attention should be given to the most appropriate location for the *Wild Atlantic Way* site marker. It should be obvious at the point of arrival by car, and also at the point of leaving the car park behind and proceeding by foot to the natural setting, and in time, to the Discovery Point.

Local Communities, themselves part of the *Wild Atlantic Way* experience, may have implemented community projects and in some cases, memorial plaques. It is important that the Local Authority identifies such interventions and their origins, and undertakes any improvement works in a manner that engages with such community participation.





SITE FACILITIES

The majority of sites do not typically incorporate extensive visitor facilities. Toilet facilities are provided at many of the village, beach and harbour locations, either on a permanent or seasonal basis. In addition, some of the parking facilities double as the location for community recycling facilities.

Actions required:

Toilet Blocks	Ensure toilet blocks in use are properly presented and maintained, internally and
	externally, so as not to undermine visitor experience;
	Some sites incorporate disused and derelict toilet blocks. Where there is a demand,
	these should be refurbished and well presented. Otherwise, derelict toilet facilities
	should be demolished and their sites reinstated.
Temporary Toilets	Portaloos, whether temporary or permanent, are substantially below any international
	or local visitor expectation and should be removed.
	Where there is a demand for toilet facilities, consideration should be given to the
	provision of proper facilities.
	In exceptional circumstances, if temporary facilities are provided, they should always
	be fully screened by timber panelling and hedgerows.
Recycling:	Consider possible alternative sites
	Ensure they are located out of sight of visitors;
	Provide screening, perhaps using timber panels and hedgerow surrounds



















SITE LIGHTING

The majority of sites are distinctly rural in character with the exception of those located in villages and harbours. In this regard, sites should have no lighting provided as frequently, the dusk, dawn or night time experience of the seascape and skyscape is part of the experience.

Inappropriate lighting installations should be removed.

In village, harbour or promenade locations, lighting may be a reasonable expectation and appropriate. Local Authorities should ensure that such fittings and illumination levels are suitable to the location. Bollard lighting might be considered a good alternative, perhaps in conjunction with lamp standards, to provide suitable wayfinding lighting without compromising the village or harbour character.

SOFT LANDSCAPING

In general, vegetation at sites in the form of indigenous hedgerows, shrubs, grass, marram grass and seasonal flowers is entirely appropriate.

Any vegetation that is dead, not indigenous, or inconsistent with the local landscape context, should be removed and replaced as appropriate in order to reinforce the authenticity of sites.

SUSTAINABILITY

The authenticity of the wild and natural environments being show cased along the *Wild Atlantic Way* is an essential part of the experience. It his regard, sites should be maintained and repaired in a sustainable manner, using, as appropriate, locally sourced materials and indigenous planting, as well as management techniques that are environmentally responsible. Particular regard should be given to safeguarding ecological characteristics, including flora and fauna, and the protection of the natural environments.





MAINTENANCE & SERVICE LEVEL AGREEMENT

All sites that are brought up to an acceptable standard will be awarded a *Wild Atlantic Way* site markers and an interpretative panel, both of which will be placed in a suitable location at the Arrival Point. The high quality presentation of the sites however, will be an ongoing requirement, in order to maximise visitor experience and match expectations.

Fáilte Ireland will require a Service Level Agreement for each site with the relevant Local Authority.

This will serve as a contract between Fáilte Ireland and the Local Authority to ensure that investment in the sites now will continue to be effective for the *Wild Atlantic Way*.

What will the Service Level Agreement include?

Following the identification and agreement of the scope of works required for each site at this stage, a site specific Service Level Agreement will also be prepared. In essence, the Service Level Agreement will seek to ensure that maintenance and improvement works undertaken in the short term are kept at an acceptable standard by the Local Authority into the future.

Typically, they are likely to include:

- Periodic reporting on site condition, including photographs
- Defined management regimes and programmes
- Sites to be kept clean and tidy
- Bins to be emptied and any loose rubbish picked up
- · Vegetation to have scheduled seasonal management plans
- Signage is kept clear and well presented, and unauthorised signage or advertisements removed
- Any painted structures should be re-painted as required to maintain good presentation
- · Toilet facilities, where provided, are kept clean and stocked with necessary supplies
- · Lighting, if appropriate, is maintained in full working order
- Site furniture is kept in good condition
- · Parking surfaces to be maintained in good order
- Items that are broken, including by vandalism, are repaired quickly
- Graffiti is removed

Local Authorities will be required to commit to allocating appropriate resources to ensure that the appropriate standard is maintained.



ECOLOGICAL METHOD STATEMENT

1.1 Introduction

All projects must be undertaken in accordance with the Wild Atlantic Way Discovery Points Remedial Works Guidelines, including this Ecological Method Statement, and in accordance with the requirements of the European Communities (Birds and Natural Habitats) Regulations 2011.

The purpose of the Ecological Method Statement is to identify what ecological control methods need to be specified to avoid adverse ecological effects arising from remedial works. All projects must comply with all planning, local authority and other statutory requirements both during and after the construction phase of the Project.

Remedial works are being proposed at the majority number of sites. The works vary in scale and are specific to the individual sites and incorporate a combination of the proposed works outlined on Table 1.1.

Proposed works		
Extend surfacing in car park		
Enlargement of car park/lay-by		
Provision of footpath		
Provision of site amenities e.g. toilet block, painting, seating		
Provide Wild Atlantic Way site marker		
Lay-by reshaping		
Removal/replacement of bollards		
Extension of timber boardwalks to create access locations within car park to boardwalks		
Proposed Management Activities		
Road repairs (e.g. pot holes)		
Repair stone walls, fencing, concrete posts, and furniture		
Repair surfacing in car park		
Removal of vegetation, tree and hedgerow cutting		
Repair and maintain verge around car park and along access road		
Rationalise existing information signage, removal of existing barriers, general tidy up of area		
Undertake maintenance of grassed amenity areas		
Maintenance of site amenities e.g. toilet block, painting, seating		
Repair works to paths, slipways, kerbs, steps, etc. due to storm damage		
Reinstate rock armour		
Drainage clearance works		

The location of these sites are often within areas of high ecological sensitivity and therefore it will be necessary to consider the potential effects of such works on the natural environment. Depending on the site and the specific complexities, the works could potentially give rise to the following adverse ecological effects:

- Habitat loss and disturbance
- Disturbance of species
- Introduction and spread of invasive alien species.
- Increased runoff of silt and pollutants to surrounding aquatic ecosystems, which could impact on aquatic habitats and species

1.2 Ecological Control Measures

A number of Ecological Control Measures are to be integrated into the design of each site. The Ecological Control Measures have been detailed and tailored by giving due consideration to the sensitivity of the receiving environment and the scale of works proposed. Particular measures (see Table 1.2 below) are listed against each type of works being proposed for each site. It will be necessary for the Local Authority to specify that, when planning works at individual sites, the measures are adhered to and appropriately incorporated into the construction approach. Site specific detail on how these measures will be incorporated into the constriction design will vary depending on the characteristics of each site and will need to be considered prior to the commencement of construction.

No. Description of wording to be included in Works Specification G1 All rubbish, debris and other waste material shall be segregated to prevent contamination, stored appropriately and covered where required. Removal of waste materials from site shall be undertaken by an approved contractor for treatment/disposal. Hazardous waste material shall be stored separately from other inert waste materials and kept covered in an appropriate area/container(s) to ensure that the material does not inadvertently enter any existing surface water drainage network materials. The hazardous waste materials shall be removed from site by an approved contractor for treatment at a licenced facility - as directed by the Ecological Clerk of Works **G2** Particular care shall be taken in the removal of stockpiles of material such as gravel and chippings. (Such stockpiles are frequently sources of non-native invasive plants, such as Japanese knotweed). Disposal of contaminated material may require transport to an approved, licensed facility. All rubbish, debris and other waste material shall be removed in such a manner as to ensure that none of the material is contaminated and/or released inadvertently to watercourses and other sensitive ecological habitats. G3 Prior to removal, all vegetation shall be checked by the Ecological Clerk of Works to ensure that it is free of non-native invasive species, such as Japanese knotweed. Should any such species be encountered, the area shall be treated as directed by expert advice on the management of invasive species. G4 Works involving the removal or clearing of vegetation that would have any impacts on nesting birds shall be undertaken outside the bird nesting season (i.e. outside the period 1st March to 31st August). In addition, the possible presence of roosting bats shall be considered prior to the undertaking any works that may disturb the roosts. Any further safeguards shall be included and provided for subject to the supervision of the Ecological Clerk of Works G5 Should they be required, all hazardous substances, such as fuels, oils, cement and concrete products, shall be stored on-site in a secure, dry and contained area and isolated from drainage connections to any existing surface water drainage network

Table 1.2 Ecological Control Measures

G6	Should they be required, all hazardous substances, such as fuels, oils, cement and concrete			
	products, shall be used in a manner that ensures that contamination of other materials does			
	occur and that they do not inadvertently enter any existing surface water drainage network			
G7	Where possible, machinery shall only operate from existing parking or built surfaces, ar			
	not enter any sensitive or designated ecological habitat - as directed by the Ecological Cle			
	Works			
G8	All resurfacing works shallould be undertaken within the existing or formerly paved areas			
G9	All resurfacing and other minor construction or demolition works (including removal and			
	consolidation of existing features, such as signage, litter bins, picnic tables) should be undertaken			
	in a manner that ensures that no materials can inadvertently enter any watercourse or sensitive			
	ecological habitat, and in a manner that ensures there are no impacts on fauna such as birds			
	and bats – as directed by the Ecological Clerk of Works			
G10	Prior to use, resurfacing materials, including hardcore and sub-surface fill material will be stored			
	in a manner that ensures that they do not inadvertently enter any existing surface water drainage			
	network, or any sensitive ecological habitat - as directed by the Ecological Clerk of Works			
G11	All timber to be used in works shall be sustainably sourced			
G12	Works to define boundary edges shall be undertaken in a manner that ensures that there are			
	no impacts on any sensitive or designated ecological habitat on the natural environment - as			
	directed by the Ecological Clerk of Works and shall consider the following:			
	• Proposed low earth bunds shall be placed within the existing parking or built surface			
	areas.			
	• All material used, including rock, soil, seed and sods shall be sustainably sourced and			
	appropriate to the setting			
G13	Removal and consolidation of existing features, such as signage, litter bins, picnic tables shall be			
	undertaken in a manner that ensures that there are no impacts on any watercourse or sensitive			
	ecological habitat.			
G14	Works to provide a natural surface to bare areas shall be undertaken in a manner that ensures			
	that there are no impacts on the natural environment. All material used, including soil, seed and			
	sods shall be sustainably sourced and appropriate to the setting.			
G15	Where possible, site markers shall be placed within existing hard standing areas and installed			
	in a manner that ensures that there are no impacts on any sensitive or designated ecological			
	habitat – as directed by the Ecological Clerk of Works			
G17	An Ecological Clerk of Works shall be retained to advise on and monitor works associated with			
	construction, demolition, resurfacing and/or drainage			

1.3 Advisory Measures

Advisory Measures, in addition to the requirements to comply with all planning, local authority and other statutory requirements both during and after the construction phase of the Project are detailed in Table 1.2 below.

Biodiversity	Contribute as appropriate towards the protection of designated ecological sites
-	
including Natura	including candidate Special Areas of Conservation, Special Protection Areas,
	proposed Natural Heritage Areas, Nature Reserves, Wildfowl Sanctuaries, Ramsar
2000 Network	Sites, Salmonid Waters and Wicklow National Park.
-	 Sites, Salmonid Waters and Wicklow National Park. The protection of natural heritage and biodiversity, including European sites that form part of the Natura 2000 network, will be supported in accordance with relevant EU Environmental Directives and applicable National Legislation, Policies, Plans and Guidelines, including the following and any updated/superseding documents): EU Directives, including the following and any updated/superseding documents): EU Directives, including the Habitats Directive (92/43/EEC, as amended)¹, the Birds Directive (2009/147/EC)², the Environmental Liability Directive (2004/35/EC)³, the Environmental Impact Assessment Directive (85/337/EEC, as amended), the Water Framework Directive (2000/60/EC) and the Strategic Environmental Assessment Directive (2001/42/EC). National legislation, including the Wildlife Act 1976⁴, the European Communities (Environmental Impact Assessment) Regulations 1989 (SI No. 349 of 1989) (as amended), the Wildlife (Amendment) Act 2000, the European Union (Water Policy) Regulations 2003 (as amended), the Planning and Development Act 2000 (as amended), the European Communities (Birds and Natural Habitats) Regulations 2011 (SI No. 477 of 2011), the European Communities (Environmental Liability) Regulations 2008⁵ and the Flora Protection Order 1999. National policy guidelines, including the Landscape and Landscape Assessment Draft Guidelines 2000, the Environmental Impact Assessment Sub-Threshold Development Guidelines 2003, Strategic Environmental Assessment Guidelines 2004 and the Appropriate Assessment Guidance 2010. Catchment and water resource management Plans. Biodiversity Plans and guidelines, including Actions for Biodiversity 2011-
	2016: and Ireland's National Biodiversity Plan;
	 Ireland's Environment 2012 (EPA, 2012), and to make provision where
	appropriate to address the report's goals and challenges.

Table 1.2 Advisory Measures

for Freshwater Pearl Mussels which are listed under Annex II of the Directive.
 Including Annex I species and other regularly occurring migratory species, and their habitats (wherever they occur)

³ Including protected species and natural habitats

⁴ Including species of flora and fauna and their key habitats

⁵ Including protected species and natural habitats

2 Appropriate	All projects will be screened for the need to undertake Appropriate Assessment
Assessment	under Article 6 of the Habitats Directive. A project will only be authorised after
	the competent authority has ascertained, based on scientific evidence and an
	Appropriate Assessment report to the relevant level of detail, that:
	1. The project will not give rise to significant adverse direct, indirect or secondary effects on the integrity of any European site (either individually or
	in combination with other plans or projects); or
	2. The project will have significant adverse effects on the integrity of any
	European site (that does not host a priority natural habitat type/and or a
	priority species) but there are no alternative solutions and the project must
	nevertheless be carried out for imperative reasons of overriding public
	interest, including those of a social or economic nature. In this case, it will
	be a requirement to follow procedures set out in legislation and agree and
	undertake all compensatory measures necessary to ensure the protection of
	the overall coherence of Natura 2000; or
	3. The project will have a significant adverse effect on the integrity of any
	European site (that hosts a natural habitat type and/or a priority species)
	but there are no alternative solutions and the project must nevertheless be
	carried out for imperative reasons for overriding public interest, restricted
	to reasons of human health or public safety, to beneficial consequences of
	primary importance for the environment or, further to an opinion from the
	Commission, to other imperative reasons of overriding public interest. In this
	case, it will be a requirement to follow procedures set out in legislation and
	agree and undertake all compensatory measures necessary to ensure the
	protection of the overall coherence of Natura 2000.
	The methodology followed by the Appropriate Assessment should follow, as relevant
	and appropriate, that outlined in DEHLG (2009) Appropriate Assessment of Plans
	& Projects - Guidance for Planning Authorities.

3	AA and	Proposals for development must be screened for the need to undertake AA as per
	Exemptions	the European Communities (Birds and Natural Habitats) Regulations 2011 (Part 5,
		Section 42).
		If proposels are correspend out then planning everyticing are not lost
		If proposals are screened out then planning exemptions are not lost.
		If a Stage 2 AA is required then planning exemptions are lost and planning
		permission must be provided*.
		If a planning authority is applying for the permission and Stage 2 AA is required,
		then the application must go to An Bord Pleanála.
		* As per Part I, Section 4 (4) of the Planning Act 2000 as amended states that
		[Notwithstanding paragraphs (a), (i), (ia) and (I) of subsection (1) and any
		regulations under subsection (2)]: development shall not be exempted development if an environmental impact assessment or an appropriate assessment of the
		development is required.
	E	
4	Environmental	A number of Environmental Control Measures have been integrated into the
	Control Measures	design of each site. The Measures have been detailed and tailored by giving due
		consideration to the sensitivity of the receiving environment and the scale of works
		proposed. These measures should be taken into account by any Appropriate
5	Protection of	Assessments and are part of the design and are not mitigation. No projects giving rise to significant cumulative, direct, indirect or secondary
	Natura 2000 Sites	impacts on Natura 2000 sites arising from their size or scale, land take, proximity,
		resource requirements, emissions (disposal to land, water or air), transportation
		requirements, duration of construction, operation, decommissioning or from any
		other effects shall be permitted (either individually or in combination with other
		plans or projects ⁶).
6	Coastal Focus	Works undertaken in coastal areas will be in accordance with best practice and
		support measures to protect the coast, the coastal edge and coastal habitats.
		Protect, enhance and conserve the beaches from inappropriate development.
		Facilitate and Integrated Coastal Zone Management approach to ensure the
		conservation, management and projection of man-made and natural resources of
		the coastal zone.
7	Biodiversity	Support the protection and enhancement of biodiversity and ecological connectivity,
	and Ecological	including woodlands, trees, hedgerows, semi-natural grasslands, rivers, streams,
	Networks	natural springs, wetlands, geological and geo-morphological systems, other
		landscape features and associated wildlife where these form part of the ecological
		network and/or may be considered as ecological corridors or stepping stones in the
		context of Article 10 of the Habitats Directive.

⁶ Except as provided for in Section 6(4) of the Habitats Directive, viz. There must be:
a) no alternative solution available,
b) imperative reasons of overriding public interest for the project to proceed; and
c) Adequate compensatory measures in place.

8 Waters	Protect the water resources, including rivers, streams, wetlands, groundwater,
	coastal waters and associated habitats and species in accordance with the
	requirements and guidance in the EU Water Framework Directive 2000 (2000/60/
	EC), the European Union (Water Policy) Regulations 2003 (as amended), the
	North Western International, the Western, the Shannon International and the South
	Western River Basin Management Plans 2009-2015 (or any such plans that may
	supersede same) and other relevant EU Directives, including associated national
	legislation and policy guidance (including any superseding versions of same).
9 Non-Designated	Recognise that nature conservation is not just confined to designated sites and
Sites	acknowledge the need to protect non-designated habitats and landscapes and to
	conserve biological diversity.
10 Non-native	Support, as appropriate, the National Parks and Wildlife Service's efforts to seek to
invasive species	control the spread of non-native invasive species on land and water.
11 Environmental	Ensure, as appropriate, that plans, programmes and projects comply with:
Assessment	• EU Directives - including the Habitats Directive (92/43/EEC, as amended),
	the Birds Directive (2009/147/EC), the Environmental Impact Assessment
	Directive (85/337/EEC, as amended) - and relevant transposing
	Regulations.
12 Cumulative/	Any new development that could interact with projects for remedial works would
In-combination	have to comply with the provisions contained in relevant land use and other sectorial
effects	plans e.g. Development Plans, River Basin Management Plans. These provisions
	have been subject to and informed by Appropriate Assessment and Strategic
	Environmental Assessment which have considered in-combination effects.
	With respect to events (such as a vehicle collision) that are not reasonably
	foreseeable, contingency plans and procedures are already in place at various
	levels e.g. emergency plans, local response arrangements.
	As part of the wider WAW project, environmental monitoring is being coordinated at
	a number of levels – this includes monitoring related to habitats.
13 Works to be	The methodology for the incorporation of environmental control measures will require
carried out at	consideration at project level for each site to account for individual complexities
Discovery Points	with regards to the sensitivities and layout of the individual site.
and potential	
impacts	
inipaoto	

