

AA SCREENING REPORT – APPENDIX I

SUMMARY DETAILS OF EUROPEAN SITES CONSIDERED DURING THE AA SCREENING PROCESS

FOR
VARIATION No. 4
TO THE
KILDARE COUNTY DEVELOPMENT PLAN 2011-2017

IN ACCORDANCE WITH THE REQUIREMENTS OF
ARTICLE 6(3) OF THE EU HABITATS DIRECTIVE

for: Kildare County Council

Áras Chill Dara
Devoy Park
Naas
County Kildare



by: CAAS Ltd.

2nd Floor, The Courtyard
25 Great Strand Street
Dublin 1



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Introduction

This appendix presents background summary data relating to each European Site (cSACs and SPAs) that was considered during the Appropriate Assessment screening process undertaken for Variation No. 4 to the Kildare County Development Plan 2011-2017. Data presented has been collated from various sources made available by the National Parks and Wildlife Service (NPWS) of the Department of Arts, Heritage and the Gaeltacht. Sites are presented in two separate lists, firstly SACs and secondly SPAs. All Sites within each list are sorted according to NPWS Site Code. The principal sources of information include the following:

- *Site Synopses*
- *NATURA 2000 Standard Data Forms*
- *Conservation Objective (Generic Versions)*
- *Detailed Site Specific Conservation Objectives and supporting documents (where available)*

Data presented on each Site includes:

- *Site Name*
- *Site Code*
- *County*
- *SSCO Published or not (as of December 2015)*
- *SSCO Version reference used during AA*
- *Location relevant to the Plan area*
- *Qualifying Interests (QIs) in the case of SACs:*
 - *Listed Annex I habitats for which Site is selected - abbreviated version as used by NPWS (2013)¹*
 - *Listed Annex II species for which Site is selected - common English name*
 - *Special Conservation Interests (SCIs) in the case of SPAs:*
 - *Listed Annex I birds for which Site is selected (Annex I SCIs) - common English name*
 - *Non – annex birds for which Site is selected (Non Annex I SCIs) - common English name*

¹ NPWS (2013). The Status of EU Protected Habitats and Species in Ireland. Overview Volume I. Unpublished Report, National Parks and Wildlife Services.

Summary data relating to all relevant cSACs sorted according to Site name

Site Name:	Ballynafagh Bog SAC
Site Code:	391
County(s):	Kildare
SSCO's published:	Yes
Location:	Within Study Area
SSCO Version:	NPWS (2015) Conservation Objectives: Ballynafagh Bog SAC [000391]. Version 1. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Active raised bogs • Degraded raised bogs still capable of natural regeneration • Depressions on peat substrates of the Rhynchosporion
Species QI's (Annex II Species):	

Site Name:	Pollardstown Fen SAC
Site Code:	396
County(s):	Kildare
SSCO's published:	No
Location:	Within Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Pollardstown Fen SAC [000396]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Calcareous fens with <i>Cladium mariscus</i> and species of the Caricion davallianae • Petrifying springs with tufa formation (Cratoneurion) • Alkaline fens
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • <i>Vertigo geyeri</i> • <i>Vertigo angustior</i> • <i>Vertigo moulinsiana</i>

Site Name:	Red Bog, Kildare SAC
Site Code:	397
County(s):	Kildare
SSCO's published:	No
Location:	Within Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Red Bog, Kildare SAC [000397]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Transition mires and quaking bogs • Natural eutrophic lakes with Magnopotamion or Hydrocharition-type vegetation • Active raised bogs
Species QI's (Annex II Species):	

Site Name:	Ballynafagh Lake SAC
Site Code:	1387
County(s):	Kildare
SSCO's published:	No
Location:	Within Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Ballynafagh Lake SAC [001387]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Alkaline fens • Transition mires and quaking bogs
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • <i>Vertigo moulinsiana</i> • <i>Euphydryas aurinia</i>

Site Name:	Rye Water Valley/Carton SAC
Site Code:	1398
County(s):	Kildare, Meath
SSCO's published:	No
Location:	Within Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Rye Water Valley/Carton SAC [001398]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Petrifying springs*
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • Desmoulin's whorl snail (<i>Vertigo moulinsiana</i>); • Narrow-mouthed whorl snail (<i>Vertigo angustior</i>)

Site Name:	River Barrow And River Nore SAC
Site Code:	2162
County(s):	Carlow, Kildare, Kilkenny, Laois, Offaly, Tipperary, Waterford, Wexford
SSCO's published:	Yes
Location:	Within Study Area
SSCO Version:	NPWS (2011) Conservation objectives for River Barrow And River Nore SAC [002162]. Generic Version 1.0. Department of Arts, Heritage and the Gaeltacht
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Estuaries • Mudflats and sandflats not covered by seawater at low tide • Salicornia and other annuals colonising mud and sand • Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>) • Mediterranean salt meadows (<i>Juncetalia maritimi</i>) • Water courses of plain to montane levels with the <i>Ranunculion fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation • European dry heaths • Hydrophilous tall herb fringe communities of plains and of the montane to alpine levels • Petrifying springs with tufa formation (<i>Cratoneurion</i>) • Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles • Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i>, <i>Alnion incanae</i>, <i>Salicion albae</i>)
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • <i>Spartina</i> swards (<i>Spartinion maritimae</i>) • Allis shad (<i>Alosa alosa</i>) • Atlantic salmon (<i>Salmo salar</i>) • Brook lamprey (<i>Lampetra planeri</i>) • Desmoulin's whorl snail (<i>Vertigo moulinsiana</i>) • Freshwater Pearl Mussel (<i>Margaritifera margaritifera</i>) • Killarney Fern (<i>Trichomanes speciosum</i>) • Freshwater Pearl Mussel (<i>Margaritifera durrovensis</i>) • Otter (<i>Lutra lutra</i>) • European river lamprey (<i>Lampetra fluviatilis</i>) • Twait shad (<i>Alosa fallax</i>) • White clawed crayfish (<i>Austropotamobius pallipes</i>)

Site Name:	Mouds Bog SAC
Site Code:	2331
County(s):	Kildare
SSCO's published:	Yes
Location:	Within Study Area
SSCO Version:	NPWS (2015) Conservation Objectives: Mouds Bog SAC [002331]. Version 1. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Active raised bogs • Degraded raised bogs still capable of natural regeneration • Depressions on peat substrates of the <i>Rhynchosporion</i>
Species QI's (Annex II Species):	

Site Name:	Slaney River Valley SAC
Site Code:	781
County(s):	Carlow, Wexford, Wicklow
SSCO's published:	Yes
Location:	1640m from Study Area
SSCO Version:	NPWS (2011) Conservation objectives for Slaney River Valley SAC [000781]. Generic Version 1.0. Department of Arts, Heritage and the Gaeltacht
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Estuaries; • Floating river vegetation; • Old oak woodlands; • Residual alluvial forests*; • Tidal mudflats;
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • Atlantic Salmon (<i>Salmo salar</i>); • Brook Lamprey (<i>Lampetra planeri</i>); • Common Seal (<i>Phoca vitulina</i>); • Freshwater Pearl Mussel (<i>Margaritifera margaritifera</i>); • Otter (<i>Lutra lutra</i>); • River Lamprey (<i>Lampetra fluviatilis</i>); • Sea Lamprey (<i>Petromyzon marinus</i>); • Twaite Shad (<i>Alosa fallax</i>)

Site Name:	The Long Derries, Edenderry SAC
Site Code:	925
County(s):	Offaly
SSCO's published:	No
Location:	610m from Study Plan Area
SSCO Version:	NPWS (2015) Conservation objectives for The Long Derries, Edenderry SAC [000925]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia)(*important orchid sites)
Species QI's (Annex II Species):	

Site Name:	Glenasmole Valley SAC
Site Code:	1209
County(s):	Dublin
SSCO's published:	No
Location:	6480m from Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Glenasmole Valley SAC [001209]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia)(*important orchid sites) Molinia meadows on calcareous, peaty or clayey-silt-laden soils (Molinion caeruleae) Petrifying springs with tufa formation (Cratoneurion)
Species QI's (Annex II Species):	

Site Name:	Holdenstown Bog SAC
Site Code:	1757
County(s):	Wicklow
SSCO's published:	No
Location:	3040m from Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Holdenstown Bog SAC [001757]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> Transition mires and quaking bogs
Species QI's (Annex II Species):	

Site Name:	Wicklow Mountains SAC
Site Code:	2122
County(s):	Dublin, Wicklow
SSCO's published:	No
Location:	3320m from Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Wicklow Mountains SAC [002122]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or Isoeto-Nanojuncetea Natural dystrophic lakes and ponds Northern Atlantic wet heaths with Erica tetralix European dry heaths Alpine and Boreal heaths Species-rich Nardus grasslands, on siliceous substrates in mountain areas (and submountain areas, in Continental Europe) Blanket bogs (* if active bog) Siliceous scree of the montane to snow levels (Androsacetalia alpinae and Galeopsetalia ladani) Calcareous rocky slopes with chasmophytic vegetation Siliceous rocky slopes with chasmophytic vegetation Old sessile oak woods with Ilex and Blechnum in the British Isles
Species QI's (Annex II Species):	<ul style="list-style-type: none"> Lutra lutra

Site Name:	Mountmellick SAC
Site Code:	2141
County(s):	Laois
SSCO's published:	No
Location:	8730m from Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Mountmellick SAC [002141]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	
Species QI's (Annex II Species):	<ul style="list-style-type: none"> Vertigo moulinsiana

Site Name:	Ballyprior Grassland SAC
Site Code:	2256
County(s):	Laois
SSCO's published:	No
Location:	2790m from Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Ballyprior Grassland SAC [002256]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco Brometalia)(*important orchid sites)
Species QI's (Annex II Species):	

Site Name:	River Boyne and River Blackwater SAC
Site Code:	2299
County(s):	Cavan, Louth, Meath, Westmeath
SSCO's published:	No
Location:	390m from Study Area
SSCO Version:	NPWS (2015) Conservation objectives for River Boyne and River Blackwater SAC [002299]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> Alkaline fens Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (Alno-Padion, Alnion incanae, Salicion albae)
Species QI's (Annex II Species):	<ul style="list-style-type: none"> <i>Lampetra fluviatilis</i> <i>Salmo salar</i> <i>Lutra lutra</i>

Site Name:	Mount Hevey Bog SAC
Site Code:	2342
County(s):	Meath, Westmeath
SSCO's published:	No
Location:	4130m from Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Mount Hevey Bog SAC [002342]. Generic Version, 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> Active raised bogs Degraded raised bogs still capable of natural regeneration Depressions on peat substrates of the Rhynchosporion
Species QI's (Annex II Species):	

Site Name:	Boyne Coast and Estuary SAC
Site Code:	1957
County(s):	Louth, Meath
SSCO's published:	Yes
Location:	>15000m from Plan Area
SSCO Version:	NPWS (2012) Conservation objectives for Boyne Coast and Estuary SAC [001957]. Generic Version 1.0. Department of Arts, Heritage and the Gaeltacht
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> Estuaries Mudflats and sandflats not covered by seawater at low tide Salicornia and other annuals colonising mud and sand Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>) Mediterranean salt meadows (<i>Juncetalia maritimi</i>) Embryonic shifting dunes Shifting dunes along the shoreline with <i>Ammophila arenaria</i> (white dunes) Fixed coastal dunes with herbaceous vegetation (grey dunes)
Species QI's (Annex II Species):	

Site Name:	North Dublin Bay SAC
Site Code:	0206
County(s):	Dublin
SSCO's published:	Yes
Location:	>15000m from Study Area
SSCO Version:	NPWS (2013) Conservation objectives for North Dublin Bay SAC [000206]. Generic Version 1.0. Department of Arts, Heritage and the Gaeltacht
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Atlantic salt meadows • Drift lines • Dune slack • Embryonic shifting dunes • Fixed dunes (grey dunes)* • Marram dunes (white dunes) • Mediterranean salt meadows • Salicornia mud • Tidal mudflats
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • Petalwort (<i>Petalophyllum ralfsii</i>)

Site Name:	South Dublin Bay SAC
Site Code:	0210
County(s):	Dublin
SSCO's published:	Yes
Location:	>15000m from Study Area
SSCO Version:	NPWS (2013) Conservation objectives for South Dublin Bay SAC [000210]. Generic Version 1.0. Department of Arts, Heritage and the Gaeltacht
Habitat QI's (Annex I Habitats):	<ul style="list-style-type: none"> • Tidal mudflats
Species QI's (Annex II Species):	

Summary data relating to all relevant SPAs sorted according to Site name

Site Name:	Poulaphouca Reservoir SPA
Site Code:	4063
County(s):	Kildare, Wicklow
SSCO's published:	No
Location:	Within Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Poulaphouca Reservoir SPA [004063]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht
Habitat QI's (Annex I Habitats):	
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • Greylag Goose (<i>Anser anser</i>) • Lesser Black-backed Gull (<i>Larus fuscus</i>)

Site Name:	Wicklow Mountains SPA
Site Code:	4040
County(s):	Wicklow
SSCO's published:	No
Location:	5720m from Study Area
SSCO Version:	NPWS (2015) Conservation objectives for Wicklow Mountains SPA [004040]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • Merlin <i>Falco columbarius</i> • Peregrine Falco <i>peregrinus</i>

Site Name:	River Boyne and River Blackwater SPA
Site Code:	4232
County(s):	Meath, Cavan, Louth, Westmeath
SSCO's published:	No
Location:	370m from Study Area
SSCO Version:	NPWS (2015) Conservation objectives for River Boyne and River Blackwater SPA [004232]. Generic Version 4.0. Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • Kingfisher <i>Alcedo atthis</i>

Site Name:	Boyne Estuary SPA
Site Code:	4080
County(s):	Louth, Meath
SSCO's published:	Yes
Location:	>15000m from Study Area
SSCO Version:	NPWS (2013) Conservation objectives for Slaney River Valley SAC [004080]. Generic Version 1.0. Department of Arts, Heritage and the Gaeltacht
Habitat QI's (Annex I Habitats):	
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • Shelduck <i>Tadorna tadorna</i> • Oystercatcher <i>Haematopus ostralegus</i> • Golden Plover <i>Pluvialis apricaria</i> • Grey Plover <i>Pluvialis squatarola</i> • Lapwing <i>Vanellus vanellus</i> • Knot <i>Calidris canutus</i> • Sanderling <i>Calidris alba</i> • Black-tailed Godwit <i>Limosa limosa</i> • Redshank <i>Tringa totanus</i> • Turnstone <i>Arenaria interpres</i> • Little Tern <i>Sterna albifrons</i>

Site Name:	North Bull Island SPA
Site Code:	4006
County(s):	Dublin
SSCO's published:	Yes
Location:	>15000m from Study Area
SSCO Version:	NPWS (2015) Conservation Objectives: North Bull Island SPA [004006]. Version1. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • Bar-tailed Godwit (<i>Limosa lapponica</i>) • Golden Plover (<i>Pluvialis apricaria</i>) • Black-headed Gull (<i>Larus ridibundus</i>) • Black-tailed Godwit (<i>Limosa limosa</i>) • Curlew (<i>Numenius arquata</i>) • Dunlin (<i>Calidris alpina</i>) • Grey Plover (<i>Pluvialis squatarola</i>) • Knot (<i>Calidris canutus</i>) • Light-bellied Brent Goose (<i>Branta bernicla hrota</i>) • Oystercatcher (<i>Haematopus ostralegus</i>) • Pintail (<i>Anas acuta</i>) • Redshank (<i>Tringa tetanus</i>) • Sanderling (<i>Calidris alba</i>) • Shelduck (<i>Tadorna tadorna</i>) • Shoveler (<i>Anas clypeata</i>) • Teal (<i>Anas cracca</i>) • Turnstone (<i>Arenaria interpres</i>) • Wetlands & Waterbirds

Site Name:	South Dublin Bay and River Tolka Estuary SPA
Site Code:	4024
County(s):	Dublin
SSCO's published:	Yes
Location:	>15000m from Study Area
SSCO Version:	NPWS (2015) Conservation Objectives: South Dublin Bay and River Tolka SPA [004024]. Version1. National Parks and Wildlife Service, Department of Arts, Heritage and the Gaeltacht.
Habitat QI's (Annex I Habitats):	
Species QI's (Annex II Species):	<ul style="list-style-type: none"> • Arctic Tern (<i>Sterna paradisaea</i>) • Bar-tailed Godwit (<i>Limosa lapponica</i>) • Common Tern (<i>Sterna hirundo</i>) • Roseate Tern (<i>Sterna dougallii</i>) • Black-headed Gull (<i>Larus ridibundus</i>) • Dunlin (<i>Calidris alpina</i>) • Grey Plover (<i>Pluvialis squatarola</i>) • Knot (<i>Calidris canutus</i>) • Light-bellied Brent Goose (<i>Branta bernicla hrota</i>) • Oystercatcher (<i>Haematopus ostralegus</i>) • Redshank (<i>Tringa tetanus</i>) • Ringed Plover (<i>Charadrius hiaticula</i>) • Sanderling (<i>Calidris alba</i>) • Wetlands & Waterbirds