

Site Code	Site Name	Qualifying features	Key Environmental conditions to support site integrity	Pressure Topic	Possible impacts arising from the RBMP	Is there a risk of "in combination" effects from the measures outlined in RBMP (Table 6)?	Possible impacts from other Policy, Plans & Programmes (PPP)?	Is there a risk of significant "in combination" effects from the Draft RBMP & other PPPs?	Measure/Mitigation	
UK0030084	Bann Estuary	H2130 Fixed dunes with herbaceous vegetation ("grey dunes")	Maintain and expand the extent of existing species-rich fixed dune, SD8.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required. OP6: Properly dispose of harbour	
		H2120 Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")	Maintain and enhance species diversity within the SD8 community including the presence of notable species.							AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		H2110 Embryonic shifting dunes	Seek nature conservation management over suitable areas immediately outside the SAC where there is possibility of restoring fixed dune.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.	
		H1330 Atlantic salt meadows (Glauco-Puccinellietalia maritima)	Maintain the diversity and quality of habitats associated with the fixed dunes, e.g. neutral grasslands and scrub, especially where these exhibit a natural transition to fixed dune vegetation. Main Threats or Impacts: Overgrazing, Erosion, Accretion, Invasive Species, Infilling, Reclamation,	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.	
			Maintain and enhance the extent of white dunes subject to natural processes.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts sytmotomically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.	
			Allow the natural processes that determine the development and extent of white dunes to operate appropriately. Maintain and enhance, as appropriate, the species diversity within this community.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas. PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can	

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			Maintain or enhance the extent of embryonic shifting dunes subject to natural processes. Allow the natural processes that determine the development and extent of embryonic shifting dunes to operate appropriately. To maintain or extend, as appropriate, the area of saltmarsh, subject to natural processes To maintain or enhance, as appropriate, the composition of the saltmarsh communities To maintain transitions between saltmarsh communities and to other adjoining habitats To permit the continued operation of formative and controlling natural processes acting on the saltmarsh communities Threats Notifiable operations; human recreational impact; vehicle access on beach; historical management; Sea Buckthorn (prevent further spread); Golf course development; grazing; Dune slack communities (consider re-establishment); boating disturbance; channel dredging programme; beach sand removal; dune sand removal.	Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		H7710 Active Rasied Bogs	Maintain the extent of intact lowland raised bog and actively regenerating raised bog vegetation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required. OP6: Properly dispose of harbour dredgings- AA require
			Maintain and enhance the quality of the lowland raised bog community types including the presence of notable species. Seek to expand the extent of actively regenerating bog vegetation into degraded (non-active) areas of cutover bog.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
UK0030199	Main Valley Bogs		Maintain the diversity and quality of other habitats associated with the active raised bog, e.g. acid grassland, fen and swamp, especially where these exhibit natural transition to the raised bog.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	UP1 Ammend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.

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			Maintain the hydrology of the raised bog peat mass. Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for lowland raised bog rehabilitation. Threats Notifiable operations; drainage; peat cutting; burning; fly-tipping; grazing; scrub encroachment; shooting; changes to surrounding land-use.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		S1528 Saxifraga hirculus	Expand the existing population of Marsh Saxifrage Saxifraga hirculus. Seek nature conservation management over suitable areas within the cSAC where there is possibility of restoring Marsh Saxifrage. (There is crossover here with the BAP for this species).	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required
		H7130 Blanket bogs	Maintain the extent of intact blanket bog and actively regenerating blanket bog vegetation. Maintain and enhance the quality of the blanket bog community types including the presence of notable species. Seek to expand the extent of actively regenerating blanket bog vegetation into degraded (non-active) areas of cutover bog. Maintain the diversity and quality of other habitats associated with the blanket bog, especially where these exhibit natural transition to the blanket bog. Maintain the hydrology of the intact blanket bog peat mass. Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for blanket bog rehabilitation.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required

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UK0016606	Garron Plateau also contains Garron Plateau ASSI which comprises Garron Plateau Ramsar Site	H7230 Alkaline fens	Identify the main areas of upland alkaline fen, describe and delineate them with more precision. Maintain the extent of existing alkaline fen. Maintain the diversity and quality of different alkaline fen habitat. Maintain and enhance fen species diversity including the presence of notable or rare species, within each type. Maintain the diversity and quality of associated habitats. Absence of erosion features associated with human impacts, and no exacerbation of natural erosion features.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus - AA required for any new facility.	
			H3130 Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the Isoëto-Nanojuncetea	Open water area and water level regime to remain stable. The lake water to remain poor in plant nutrients and not to fluctuate outside normal limits. Characteristic aquatic vegetation to remain present. Minimal negative impacts from artificial structures. Minimal negative impacts from recreation.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice. This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
		H4010 Northern Atlantic wet heaths with Erica tetralix	Maintain the extent of existing Northern Atlantic wet heath vegetation. Maintain and enhance the quality of the existing wet heathland. Seek to expand the extent of the wet heath communities into degraded areas of species poor, wet acid grassland. Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transition to the Northern Atlantic wet heath. Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for wet heath rehabilitation.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g. limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.	
		H3160 Natural dystrophic lakes and ponds	Maintain the open water area of ponds and lakes. Maintain the extent of pool complexes and the numbers of pools within. The lake water to remain poor in plant nutrients and not to fluctuate outside normal limits. Characteristic aquatic vegetation to remain present. Minimal negative impacts from artificial structures. Minimal negative impacts from recreation. Identify the main areas of transition mires and quaking bog and describe and delineate them with more precision.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.	
		H7140 Transition mires and quaking bogs	Identify the main areas of transition mires and quaking bog and describe and delineate them with more precision. Maintain the area of open transition mire vegetation. Maintain the integrity of the various plant communities that are typical in different situations where this feature occurs. Maintain the water table at or very close to the surface. Ground should be soft, bouncy & squelchy.	Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation	
			Threats; Notifiable operations; drainage (moor-gripping) and fertilisation; peat extraction; afforestation; inappropriate grazing; supplementary stock feeding; inappropriate burning; damaging recreational activities; fly-tipping; changes to surrounding land-use.							
					Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity - AA required for development.
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UK0030303	Wolf Island Bog	H7710 Active Rasied Bogs	Maintain the extent of intact lowland raised bog and actively regenerating raised bog vegetation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA require		
			Maintain and enhance the quality of the lowland raised bog community types including the presence of notable species.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.		
			Seek to expand the extent of actively regenerating bog vegetation into areas of degraded (non-active) areas of cutover bog.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	UP1 Ammend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.		
			Maintain the diversity and quality of other habitats associated with the active raised bog, e.g. acid grassland, fen and swamp, especially where these exhibit natural transition to the raised bog.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symtomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.		
			Maintain the hydrology of the raised bog peat mass.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.		
			Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for lowland raised bog rehabilitation. Threats Notifiable operations; peat cutting; burning; drainage; fly-tipping; grazing; scrub encroachment; changes to surrounding land-use.	Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation		
											AB8 Increase available water, e.g. promote infiltration of runoff.

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				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow
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				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		H7130 Blanket bogs	Maintain the extent of intact blanket bog and actively regenerating blanket bog vegetation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA require
			Maintain and enhance the quality of the blanket bog community types including the presence of notable species.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
			Seek to expand the extent of actively regenerating blanket bog vegetation into degraded (non-active) areas of cutover bog.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
			Maintain the diversity and quality of other habitats associated with the blanket bog, especially where these exhibit natural transition to the blanket bog.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
			Maintain the hydrology of the intact blanket bog peat mass.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
			Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for blanket bog rehabilitation. Threats	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas. PM2 Support voluntary initiatives, such as wetlands and Integrated
UK0030110	Carr - Glenshane Pass								

Site Code	Site Name	Qualifying features	Key Environmental conditions to support site integrity	Pressure Topic	Possible impacts arising from the RBMP	Is there a risk of "in combination" effects from the measures outlined in RBMP (Table 6)?	Possible impacts from other Policy, Plans & Programmes (PPP)?	Is there a risk of significant "in combination" effects from the Draft RBMP & other PPPs?	Measure/Mitigation
			Notifiable operations; drainage; peat cutting; burning; grazing; fly-tipping; changes to surrounding land-use.	Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		H7710 Active Raised Bogs	Maintain the extent of intact lowland raised bog and actively regenerating raised bog vegetation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required. OP6: Properly dispose of harbour dredgings: - AA require
			Maintain and enhance the quality of the lowland raised bog community types including the presence of notable species.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
			Seek to expand the extent of actively regenerating raised bog vegetation into degraded (non-active) areas of cutover bog.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas when the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus- AA required for any new facility.

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UK0016599	Ballynahone Bog also contains Ballynahone Bog ASSI which comprises Ballynahone Ramsar site		<p>Maintain the diversity and quality of other habitats associated with the active raised bog, e.g. acid grassland, fen and swamp, especially where these exhibit natural transition to the raised bog.</p> <p>Maintain the hydrology of the raised bog peat mass.</p> <p>Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for lowland raised bog rehabilitation.</p> <p>Threats Notifiable operations; drainage; peat cutting; burning; fly-tipping; grazing; shooting; scrub encroachment; visitor impact; external impacts - changes to surrounding land-use.</p>	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated. - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
H7130	Blanket bogs		Maintain the extent of existing intact blanket bog and actively regenerating blanket bog vegetation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required. OP6: Properly dispose of harbour dredgings: - AA required

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UK0016608	Teal Lough		<p>Maintain and enhance the quality of blanket bog community types including the presence of notable species.</p> <p>Seek to expand the extent of actively regenerating blanket bog vegetation into (non-active) areas of cutover bog.</p> <p>Maintain the diversity and quality of other habitats associated with the active blanket bog, especially where these exhibit natural transition to the blanket bog.</p> <p>Maintain the hydrology of the intact blanket bog peat mass.</p> <p>Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for blanket bog rehabilitation.</p> <p>Threats Notifiable operations; burning; reclamation of heathland; application of fertiliser/slurry/manure; grazing; supplementary feeding; afforestation; recreational activities; fly-tipping; mineral extraction; changes to surrounding land-use.</p>	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required</p> <p>AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus - AA required for any new facility.</p>
				Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.</p>
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g. limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.</p>
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.</p>
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation</p>
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity - AA required for development.</p>
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required</p>

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UK0030244	Rea's Wood & Farr's Bay	Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>)	Maintain and expand the extent of the existing Alluvial forests but not at the expense of other SAC (ABC) features. (There are area of wetland and damp grassland which have the potential to develop into Alluvial woodland)	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required		
			Maintain and enhance Alluvial forest species diversity including the presence of notable or rare species.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.		
			Maintain and enhance Alluvial forests structure	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.		
			Maintain the diversity and quality of habitats associated with the Alluvial forests, e.g. fen meadow, grasslands, wet heath wet woodland and scrub, especially where these exhibit natural transition to Alluvial forests	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.		
			Seek nature conservation management over adjacent forested areas outside the SAC where there may be potential for woodland rehabilitation.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.		
			Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for woodland expansion. Threats Notifiable operations; woodland clearance; dead wood removal; invasion by exotics; changes in water level; drainage of swamp woodland; fly-tipping; changes to surrounding land-use.	Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation		
											AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new

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				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		H3260 Water courses of plain to montane levels with the Ranunculus fluitans and Callitriche-Batrachion vegetation	Maintain and if feasible enhance extent and composition of community. Improve water quality. Improve channel substrate quality by reducing siltation.Maintain and if feasible enhance the river morphology.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required.
		S1029 Margaritifera margaritifera	Maintain and if feasible enhance population number through natural recruitment.Improve age structure of population.Improve water quality. Improve channel substrate quality by reducing siltation.Insure host fish population is adequate for recruitment.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		S1355 Lutra lutra		Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
UK0030296	Upper Ballinderry River		Population numbers and distribution to be maintained and if possible, expanded.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
			Maintain the extent and quality of suitable Otter habitat, in particular the chemical and biological quality of the water, and all associated wetland habitats	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts syptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
			Threats Notifiable operations; fish farms; water extraction; water quality/eutrophication; channel and bank modification; substrate siltation; trampling; fly-tipping; alien species.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
									PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of

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				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
S1065	Euphydryas (Eurodryas, Hypodryas) aurinia		To maintain (and if feasible enhance) population numbers and distribution.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA require
			To maintain (and if feasible enhance) the extent and quality of suitable Marsh Fritillary breeding habitat, particularly suitable rosettes of the larval food plant Succisa pratensis	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus- AA required for any new facility.

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UK0030214	Montiaghs Moss		<p>Threats Notifiable operations; grazing; woodland and scrub management; peat cutting; burning; drainage; eutrophication/water quality; fly-tipping; other activities (agricultural reclamation/cultivation/application of fertilisers/supplementary feeding); changes to surrounding land-use.</p>	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated. - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
							Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures
		H91D0 Bog woodland							

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UK0030236	Peatlands Park	H7120 Degraded raised bogs still capable of natural regeneration	Maintain the extent of intact raised bog and actively regenerating raised bog vegetation. Maintain and enhance the quality of the lowland raised bog community types including the presence of notable species. Seek to expand the extent of actively regenerating raised bog vegetation into degraded (non-active) areas of cutover bog. Maintain the diversity and quality of other habitats associated with the active raised bog, e.g. acid grassland, fen and swamp, especially where these exhibit natural transition to the raised bog. Maintain the hydrology of the raised bog peat mass. Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for lowland raised bog rehabilitation.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		H91A0 Old sessile oak woods with Ilex and Blechnum in the British Isles	No loss in extent of degraded raised bog to agricultural reclamation, scrub- encroachment, development, or further peat cutting. Expand the extent of actively regenerating cutover bog vegetation into areas of degraded (non-active) areas of cutover bog. Ensure that the hydrology of the cutover raised bog is favourable for active bog regeneration. Maintain and enhance the quality of actively regenerating cutover bog community types (Sphagnum moss, Eriophorum spp. and ericoid cover) including the presence of notable species. Maintain the diversity and quality of other habitats of conservation interest. Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for further raised bog regeneration.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus - AA required for any new facility.
		H7110 Active raised bogs	Maintain and where appropriate expand the existing area of oak woodland. (There is an area of wetland and damp grassland which have the potential to develop into oak woodland). Maintain and enhance Oak woodland species diversity and structural diversity. Maintain the diversity and quality of habitats associated with the Oak woodland, e.g. fen, swamp, grasslands, scrub, especially where these exhibit natural transition to Oak woodland. Seek nature conservation management over suitable areas immediately outside the ASSI where there may be potential for woodland expansion.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
			Maintain the extent of intact raised bog and actively regenerating raised bog vegetation. Maintain and enhance the quality of the lowland raised bog community types including the presence of notable species. Seek to expand the extent of actively regenerating raised bog vegetation into degraded (non-active) areas of cutover bog. Maintain the diversity and quality of other habitats associated with the active raised bog, e.g. acid grassland, fen and swamp, especially where these exhibit natural transition to the raised bog. Maintain the hydrology of the raised bog peat mass. Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for lowland raised bog rehabilitation.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g. limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.
			Threats Notifiable operations; invasions by exotics; scrub encroachment; drainage and peat cutting; fly-tipping; burning; changes in surrounding land use.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
									AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required.

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				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		H7130 Blanket bogs	Maintain the extent of intact blanket bog and actively regenerating blanket bog vegetation. Maintain and enhance the quality of the blanket bog community types including the presence of notable species. Seek to expand the extent of actively regenerating blanket bog vegetation into degraded (non-active) areas of cutover bog. Maintain the diversity and quality of other habitats associated with the blanket bog, especially where these exhibit natural transition to the blanket bog. Maintain the hydrology of the intact blanket bog peat mass. Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for blanket bog rehabilitation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA require
		H3160 Natural dystrophic lakes and ponds	Maintain the open water area of ponds and lakes. Maintain the extent of pool complexes and the numbers of pools within. Maintain the lakes/ponds nutrients poor status and ensure it does not fluctuate outside normal limits. Characteristic aquatic vegetation to remain present. Minimal negative impacts from artificial structures. Minimal negative impacts from recreation. Identify the main areas of transition mires and quaking bog and describe and delineate the with more precision.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		H4030 European dry heaths	Maintain the extent of existing European dry Heath vegetation. Maintain and enhance the quality of the European dry heath community types. Seek to expand the extent of the dry heath communities into degraded areas of species poor, dry acid grassland. Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transition to the dry heath. Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for dry heath rehabilitation. Main Threats or Impacts: Agriculture is the most common influence on the dry heaths, with burning the most frequent agricultural activity. Other commonly occurring activities include sand and gravel extraction, and urbanisation and industrialisation.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
UK0016622	Slieve Beagh also contains Slieve Beagh ASSI which comprises Slieve Beagh Ramsar site			Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symtomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.

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				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
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				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		H7140 Transition mires and quaking bogs	Maintain and the extent of the existing mire. Maintain and enhance mire species and community diversity. Maintain and enhance mire vegetation structure Maintain edge transitions to existing semi-natural mineral soil communities Maintain the diversity and quality of habitats associated with the mire, e.g. pools and soaks.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required
		H91A0 Old sessile oak woods with Ilex and Blechnum in the British Isles	Maintain and expand the extent of existing oak woodland. Maintain and enhance woodland species diversity. Maintain and enhance woodland structure Maintain the diversity and quality of habitats associated with the woodland Seek nature conservation management over suitable areas immediately outside the ASSI where there may be potential for woodland expansion.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
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UK0016620	Derryleckagh		Threats: Notifiable operations; drainage; application of fertiliser/manure/slurry; grazing; fly-tipping; peat cutting; supplementary feeding; woodland clearance and timber removal; dead wood removal; invasion by exotics; changes to surrounding land-use.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated. - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
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				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
H4010	Northern Atlantic wet heaths with Erica tetralix		Maintain the extent of existing Northern Atlantic wet heath vegetation. Maintain and enhance the quality of the existing wet heathland. Seek to expand the extent of the wet heath communities into degraded areas of species poor, wet acid grassland. Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transition to the Northern Atlantic wet heath. Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for wet heath rehabilitation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required. OP6: Properly dispose of harbour dredgings: - AA required

Site Code	Site Name	Qualifying features	Key Environmental conditions to support site integrity	Pressure Topic	Possible impacts arising from the RBMP	Is there a risk of "in combination" effects from the measures outlined in RBMP (Table 6)?	Possible impacts from other Policy, Plans & Programmes (PPP)?	Is there a risk of significant "in combination" effects from the Draft RBMP & other PPPs?	Measure/Mitigation
UK0016615	Eastern Mournes	H4030 European dry heaths	Maintain the extent of existing European dry heath vegetation. Maintain and enhance the quality of the European dry heath community types. Seek to expand the extent of the dry heath communities into degraded areas of species poor, dry acid grassland. Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transition to the dry heath. Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for dry heath rehabilitation. Main Threats or Impacts Agriculture is the most common influence on the dry heaths, with burning the most frequent agricultural activity. Other commonly occurring activities include sand and gravel extraction, and urbanisation and industrialisation.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
			Maintain the extent of intact blanket bog and actively regenerating blanket bog vegetation. Maintain and enhance the quality of the blanket bog community types including the presence of notable species. Seek to expand the extent of actively regenerating blanket bog vegetation into degraded (non-active) areas of outover bog. Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transition to the blanket bog. Maintain the hydrology of the intact blanket bog peat mass. Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for blanket bog rehabilitation.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus - AA required for any new facility.
		H4060 Alpine and Boreal heaths	Maintain the extent of existing alpine and boreal heath vegetation. Maintain and enhance the quality of the existing alpine and boreal heaths. Seek to expand the extent of the alpine and boreal heath communities into degraded areas of species poor acid grassland. Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transition to the alpine and boreal heaths.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
		H8220 Siliceous rocky slopes with chasmophytic vegetation	Maintain the existing acid rock chasmophytic Vegetation. Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transition to the siliceous rocky slopes.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g. limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.
		H8110 Siliceous scree of the montane to snow levels (Androsacetalia alpinae and Galeopsietalia ladani)	Maintain the extent of existing siliceous scree (partially vegetated siliceous scree). Maintain and enhance the quality of the siliceous scree community types. Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transition to the siliceous scree.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
		H6150 Siliceous alpine and boreal grasslands	Maintain the extent of existing siliceous alpine and boreal grasslands. Maintain and enhance the quality of the siliceous alpine and boreal grassland community types. Seek to expand the extent of the siliceous alpine and boreal grassland communities into degraded areas of species poor, dry acid grassland. Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transition to the siliceous alpine and boreal grasslands.	Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
			Threats Notifiable operations; grazing; burning; scrub/bracken encroachment; water abstraction; fly-tipping; quarrying; land reclamation; recreation;	Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity - AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required

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UK0030277	Slieve Gullion	H4030 European dry heaths	Maintain the extent of existing European dry heath vegetation. Main Threats or Impacts: Agriculture is the most common influence on the dry heaths, with burning the most frequent agricultural activity. Other commonly occurring activities include sand and gravel extraction, and urbanisation and industrialisation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required	
			Maintain and enhance the quality of the European dry heath community types.							AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
			Seek to expand the extent of the dry heath communities into degraded areas of species-poor, dry acid grassland.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.	
			Maintain the diversity and quality of other habitats of conservation interest, especially where these exhibit natural transitions to the dry heath.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.	
			Seek nature conservation management over suitable areas immediately outside the SAC where there may be the potential for dry heath rehabilitation.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.	
			Threats Notifiable operations; grazing; burning; scrub/bracken encroachment; fly-tipping; quarrying; land reclamation; recreation; changes to surrounding land-use.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.	
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation	
									AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required.	

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				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
UK0030268	Rostrevor Wood	H91A0 Old sessile oak woods with Ilex and Blechnum in the British Isles	Maintain the extent of the existing oak woodland.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required.
			Maintain and enhance Oak woodland species diversity and structural diversity.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
			Maintain the diversity and quality of habitats associated with the Oak woodland, e.g. fen, swamp, grasslands, scrub, especially where these exhibit natural transition to Oak woodland	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
			Seek nature conservation management over adjacent forested areas outside the ASSI where there may be potential for woodland rehabilitation.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
			Seek nature conservation management over suitable areas immediately outside the ASSI where there may be potential for woodland expansion.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symtomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
			Threats Notifiable operations; grazing/poaching/tree barking and browsing; woodland clearance; dead wood removal; invasion by exotics; fly-tipping; changes to surrounding land-use.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas. PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of

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				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		H7110 Active raised bogs	Maintain the extent of intact lowland raised bog and actively regenerating raised bog vegetation. Maintain and enhance the quality of the lowland raised bog community types including the presence of notable species. Seek to expand the extent of actively regenerating raised bog vegetation into degraded (non-active) areas of cutover bog. Maintain the diversity and quality of other habitats associated with the active raised bog, e.g. scrub, acid grassland, fen and swamp, especially where these exhibit natural transition to the raised bog. Maintain the hydrology of the raised bog peat mass. Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for lowland raised bog rehabilitation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point: AA required. OP5: Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required. OP6: Properly dispose of harbour dredgings - AA required
		H7120 Degraded raised bogs still capable of natural regeneration	No loss in extent of degraded raised bog to agricultural reclamation, scrub-encroachment, development, or further peat cutting. Expand the extent of actively regenerating cutover bog vegetation into areas of degraded (non-active) areas of cutover bog. Ensure that the hydrology of the cutover raised bog is favourable for active bog regeneration. Maintain and enhance the quality of actively regenerating cutover bog community types (Sphagnum moss, Eriophorum spp. and ericoid cover) including the presence of notable species. Maintain the diversity and quality of other habitats of conservation interest. Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for further raised bog regeneration.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
			Threats: Notifiable operations; peat cutting; burning; drainage; scrub encroachment; fly-tipping; shooting; grazing; changes in surrounding land-use	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.

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UK0030322	Curran Bog			Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		H7110 Active raised bogs	Maintain the extent of intact lowland raised bog and actively regenerating raised bog vegetation. Maintain and enhance the quality of the lowland raised bog community types including the presence of notable species. Seek to expand the extent of actively regenerating raised bog vegetation into degraded (not active) areas of cutover bog. Maintain the diversity and quality of other habitats associated with the active raised bog, e.g. acid grassland, fen and swamp, especially where these exhibit natural transition to the raised bog. Maintain the hydrology of the raised bog peat mass. Seek nature conservation management over suitable areas immediately outside the SAC where there may be potential for lowland raised bog rehabilitation.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings:- AA required
									AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required

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UK0030323	Dead Island Bog		<p>Threats: Notifiable operations; peat cutting; burning; drainage; fly-tipping; grazing; scrub encroachment; changes in surrounding land use.</p>	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus - AA required for any new facility.</p>
				Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice. This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.</p>
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g. limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.</p>
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.</p>
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation</p>
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity - AA required for development.</p>
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required</p>

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UK9020011	Raithlin Island	H1170	Reefs Maintain and enhance, as appropriate the extent of the reefs Allow the natural processes which determine the development, structure, function and extent of the reefs, to operate appropriately Maintain and enhance, as appropriate, the species diversity within this habitat.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required
		H8330	Submerged or partially submerged sea caves Maintain and enhance, as appropriate the extent of the submerged or partially submerged sea caves Allow the natural processes which determine the development, structure, function and extent of the submerged or partially submerged sea caves, to operate appropriately Maintain and enhance, as appropriate, the species diversity within this habitat.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
		H1230	Vegetated sea cliffs of the Atlantic and Baltic coasts Maintain the extent of vegetated sea cliff subject to natural processes Allow the natural processes which determine the development and extent of vegetated sea cliffs to operate appropriately Maintain and enhance, as appropriate, range of maritime rock crevice and cliff ledge communities Maintain and enhance, as appropriate, range of sea-bird cliff communities Maintain and enhance, as appropriate, range of maritime grassland communities Maintain and enhance, as appropriate, range of maritime heath communities No increase in status of non-native species, undesirable invasive species and species not characteristic of typical communities Maintain and enhance, as appropriate, status of rare and notable species Monitor cliff top or near cliff management activities to ensure they do not lead to loss or enrichment of sea cliff associated communities	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
		H1210	Annual vegetation of drift lines Maintain and enhance the extent of annual vegetation of drift lines subject to natural processes Allow the natural processes which determine the development and extent of annual vegetation of drift lines to operate appropriately Maintain and enhance, as appropriate, the species diversity within this community including the presence of notable species	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
		H1110	Sandbanks which are slightly covered by sea water all the time Allow the natural processes which determine the development, structure and extent of sandbanks which are slightly covered by sea water all the time, to operate appropriately Maintain and enhance, as appropriate, the species diversity within this habitat. Maintain the extent and volume of sandbanks which are slightly covered by sea water all the time, subject to natural processes.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
			Threats Notifiable operations; diving; commercial fishing; harvesting of wild shellfish; seaweed harvesting; removal of beach sand and gravel; grazing regime; activities on the cliff.	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation

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				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
UK9020021	Sheep Island SPA	Cormorant		Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required.
				Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
				Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
									PM2 Support voluntary initiatives, such as wetlands and Integrated

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				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		Common Tern	No significant decrease in breeding population against national trends, caused by on-site factors. Fledging success. To maintain or enhance the area of natural and semi-natural habitats potentially usable by Feature bird species subject to natural processes. Maintain the extent of main habitat components subject to natural processes. Maintain or enhance sites utilised as roosts.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required. OP6: Properly dispose of harbour dredgings: - AA require
		Light-bellied Brent Goose	No significant decrease in breeding population against national trends, caused by on-site factors. To maintain or enhance the area of natural and semi-natural habitats potentially usable by Feature bird species subject to natural processes. Maintain the extent of main habitat components subject to natural processes. Maintain or enhance sites utilised as roosts.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		Sandwich Tern	No significant decrease in breeding population against national trends, caused by on-site factors. Fledging success. To maintain or enhance the area of natural and semi-natural habitats potentially usable by Feature bird species subject to natural processes. Maintain the extent of main habitat components subject to natural processes. Maintain or enhance sites utilised as roosts.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
		Arctic Tern	To maintain or enhance the area of natural and semi-natural habitats potentially usable by Feature bird species subject to natural processes. Maintain the extent of main habitat components subject to natural processes. Maintain or enhance sites utilised as roosts.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.

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UK9020161	Carlingford Lough SPA		<p>Threats</p> <p>Adjoining habitat - significant changes in land management and disturbance are key considerations. Aquaculture. Bait digging and shellfish gathering. Beach sand and gravel extraction. Boating activity (commercial and recreational) - high speed liners and disturbance from jet skis. Coastal protection schemes - impacts on natural beach systems. Cull of feedlings/young - impacting on more desirable areas. Dredging - commercial shipping channels. Fishing- commercial or recreational - minimal disturbance. Habitat extent (inter tidal)- loss of habitats through development. Habitat extent (open water) - limited but expansion of commercial port facilities can impact. Habitat quality (inter-tidal) - alteration of quality through diminution of water quality, invasive species or changes in coastal processes. Habitat quality (open water) - alteration of quality through diminution of water quality and invasive species. Introduced species. Predation - mainly of concern on bird breeding sites. Recreational activities. Research activities - targeted work has been land based. Seaweed harvesting - impacts on shore communities and represents a net loss to the system. System dynamics can be effected by engineered structures. Changes may include alteration in sediment grade, shifts in patterns of erosion and deposition etc. Wildfowling. species. Introduced species. Predation - mainly of concern on bird breeding sites. Recreational activities. Research activities - targeted work has been land based. Seaweed harvesting - impacts on shore communities and represents a net loss to the system. System dynamics - can be effected by engineered structures. Changes may include alteration in sediment grade, shifts in patterns of erosion and deposition etc. Wildfowling - has direct effect through bag sizes/bag species and wider disturbance issue..</p>	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channellisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required

Site Code	Site Name	Qualifying features	Key Environmental conditions to support site integrity	Pressure Topic	Possible impacts arising from the RBMP	Is there a risk of "in combination" effects from the measures outlined in RBMP (Table 6)?	Possible impacts from other Policy, Plans & Programmes (PPP)?	Is there a risk of significant "in combination" effects from the Draft RBMP & other PPPs?	Measure/Mitigation
UK9020042	Larne Lough SPA	Common Tern	No significant decrease in population against national trends, caused by on-site factors. Fledging sites. To maintain or enhance the area of natural and semi-natural habitats potentially usable by Feature bird species, subject to natural processes. Maintain the extent of the main habitat components subject to natural processes. Maintain or enhance sites utilised as roosts.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required
		Light-bellied Brent Goose	No significant decrease in population against national trends, caused by on-site factors. Fledging sites. To maintain or enhance the area of natural and semi-natural habitats potentially usable by Feature bird species, subject to natural processes. Maintain the extent of the main habitat components subject to natural processes. Maintain or enhance sites utilised as roosts.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		Roseate Tern	No significant decrease in population against national trends, caused by on-site factors. Fledging sites. To maintain or enhance the area of natural and semi-natural habitats potentially usable by Feature bird species, subject to natural processes. Maintain the extent of the main habitat components subject to natural processes. Maintain or enhance sites utilised as roosts.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
		Sandwich Tern	No significant decrease in population against national trends, caused by on-site factors. To maintain or enhance the area of natural and semi-natural habitats potentially usable by Feature bird species, subject to natural processes. Maintain the extent of the main habitat components subject to natural processes. Maintain or enhance sites utilised as roosts.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts syntomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
						Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II
								AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required.	

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				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		Common Tern	No significant decrease in population against national trends, caused by on-site factors. Fledging success. Maintain the area of natural and semi-natural habitats used by notified species, within the SPA, subject to natural processes.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required.
		Golden Plover	Threats Notifiable operations. Habitat extent and quality - breeding; predation; recreational activities; research activities.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		Goldeneye		Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
UK9020091	Lough Neagh and Lough Beg SPA also contains Lough Neagh & Peatlands Park ASSI which comprises Lough Neagh and Lough Beg Ramsar Site	Great Crested Grebe (wintering)		Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.

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		Great Crested Grebe (breeding)		Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.										
		Great Crested Grebe (passage)		Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.										
		Pochard		Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation										
		Scaup							Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.					
		Tufted Duck												Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
		Waterbird assemblage																	Local Issues
		Whooper Swan																	
		Bewick's Swan																	
				No significant decrease in population against national trends, caused by on-site factors. Fledging success sufficient to maintain or enhance population.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings:- AA require									
		Hen Harrier		No significant decrease in population against national trends, caused by on-site factors. Fledging success sufficient to maintain or enhance population.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required									
		Merlin	Threats: Reduction of habitat areas or quality through inappropriate use or absence of site management including reclamation for agricultural purposes. Forestry areas: in general an expansion of forest represents a loss of foraging habitat. Objectives should be to prevent loss of foraging habitat through expansion of forestry. Mixed stands of forestry are however of value for nest selection and in providing foraging. Forestry activities should be compatible with needs of breeding birds. Disturbance to nesting birds through non-forestry activities on forestry property. Predation - mainly of concern on birds breeding sites. Research activities - census and ringing activities especially have the potential to impact on bird populations, particularly	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.										

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UK902301	Antrim Hills SPA		at breeding sites. These are however necessary for population monitoring and developing a better understanding of species ecology.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated. - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		Hen Harrier	No significant decrease in breeding population against national trends, caused by on-site factors. Fledging success sufficient to maintain or enhance population.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required. OP6: Properly dispose of harbour dredgings- AA required

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UK902302	SLIEVE BEAGH- MULLAGHAFAD- LISNASKEA SPA		<p>Threats: Habitat extent and quality - natural and semi-natural habitat: reduction of habitat area or quality through inappropriate use or absence of site management. Forestry areas - habitat: prevent loss of foraging habitat through expansion of forestry. Forestry areas - nest sites- forest management - forestry activities should be compatible with needs of breeding birds. Forestry areas - nest sites - disturbance - disturbance to nesting birds through non-forestry activities on forestry properties. Predation - mainly concern at breeding sites. Research activities - census and ringing activities have potential to impact.</p>	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required</p> <p>AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus- AA required for any new facility.</p>
				Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.</p>
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.</p>
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.</p>
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation</p>
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.</p>
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required</p>

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IE0000453	Carlingford Mountain SAC	8110 Siliceous scree of the montane to snow levels (Androsacetalia alpinae and Galeopsietalia ladani)	To maintain the Annex I habitats for which the cSAC has been selected at favourable conservation status. Main Threats or impacts: Outdoor recreation, overgrazing, mining and extraction, air pollution	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required
		8210 Calcareous rocky slopes with chasmophytic vegetation	To maintain the Annex II species for which the cSAC has been selected at favourable conservation status. Main Threats or impacts: Overgrazing, Quarrying, Outdoor Recreation						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		8220 Siliceous rocky slopes with chasmophytic vegetation	To maintain the extent, species richness and biodiversity of the entire site.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
		4060 Alpine and Boreal heaths	To establish effective liaison and co-operation with landowners, legal users and relevant authorities.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g. limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
									AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new

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				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		1130 Estuaries	To maintain the Annex I habitats for which the cSAC has been selected at favourable conservation status. Threats and Impacts: Aquaculture, Recreational fishing, Housing development, Sewage outflow, Industrialisation, Autoroutes, Port/Marina, Motorised sports including boating, Water Pollution, Reclamation of Land, Drainage, Dredging, Invasion of Species.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA require
		1140 Mudflats and sandflats not covered by seawater at low tide	To maintain the Annex II species for which the cSAC has been selected at favourable conservation status. Threats and Impacts: Aquaculture;Professional fishing;Bait digging;Removal of fauna; Reclamation of land; Coastal protection works; Invasion by a species; In the Irish context, "Invasion by a species" is not taken to mean through natural causes, rather is considered to be caused by human activities.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		1220 Perennial vegetation of stony banks	To maintain the extent, species richness and biodiversity of the entire site.Main Impacts: Development, Rock Armoury, Extraction/Movement of shingle, Dumping, Car parks, Sea walls, Groynes, Erosion, Walking, Horse Riding and non motorised vehicles, Sand and Gravel extraction, removal of beach materials, Sea Defence or coastal protection works, Outdoor sports and leisure activities, motorised vehicles, trampling, overuse, disposal of inert materials, Cultivation, Factory, Discharges - disposal of household waste, Discharges - disposal of industrial waste, Paths, tracks, cycling tracks, Management of aquatic & bank vegetation for drainage purposes.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
		1310 Salicornia and other annuals colonizing mud and sand	Main Threats or Impacts:Disturbance, Invasive Species, Erosion and Accretion.	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
IE0000455	Dundalk Bay SAC	1330 Atlantic salt meadows (Glauco-Puccinellietalia maritima)	Main Threats or Impacts: Overgrazing, Erosion, Accretion , Invasive Species, Infilling, Reclamation,	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.

Site Code	Site Name	Qualifying features	Key Environmental conditions to support site integrity	Pressure Topic	Possible impacts arising from the RBMP	Is there a risk of "in combination" effects from the measures outlined in RBMP (Table 6)?	Possible impacts from other Policy, Plans & Programmes (PPP)?	Is there a risk of significant "in combination" effects from the Draft RBMP & other PPPs?	Measure/Mitigation
1410	Mediterranean salt meadows (Juncetalia maritimi)	Main Threats or Impacts: Overgrazing, Infilling and Reclamation	Dangerous Substances		See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
1230	Vegetated sea cliffs of the Atlantic and Baltic coasts	To maintain the Annex I habitats for which the cSAC has been selected at favourable conservation status.	Wastewater and Industrial Discharges and Other Point Sources		See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required

Site Code	Site Name	Qualifying features	Key Environmental conditions to support site integrity	Pressure Topic	Possible impacts arising from the RBMP	Is there a risk of "in combination" effects from the measures outlined in RBMP (Table 6)?	Possible impacts from other Policy, Plans & Programmes (PPP)?	Is there a risk of significant "in combination" effects from the Draft RBMP & other PPPs?	Measure/Mitigation
IE0001459	Clogher Head	4030 European dry heaths	To maintain the Annex II species for which the cSAC has been selected at favourable conservation status. Main Threats or Impacts: Agriculture is the most common influence on the dry heaths, with burning the most frequent agricultural activity. Other commonly occurring activities include sand and gravel extraction, and urbanisation and industrialisation.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	<p>AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required. AG3 Installation of fencing to prevent livestock access to watercourses - AA Required. AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required</p> <p>AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus - AA required for any new facility.</p> <p>UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.</p> <p>F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g. limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.</p> <p>DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.</p> <p>PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation</p> <p>AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity - AA required for development.</p>
				Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	

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				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		2130 Fixed coastal dunes with herbaceous vegetation (grey dunes)	To maintain the Annex I habitats for which the cSAC has been selected at favourable conservation status.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required
		2110 Embryonic shifting dunes	To maintain the Annex II species for which the cSAC has been selected at favourable conservation status. Main Threats and Impacts: Erosion, Walking, Horseriding and non-motorised vehicles, Trampling, overuse, Sea defence or coastal protection works.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required
		2120 Shifting dunes along the shoreline with Ammophila arenaria (white dunes)		Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
		1130 Estuaries		Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
IE0001957	Boyne Coast and Estuary	1140 Mudflats and sandflats not covered by seawater at low tide	Threats and Impacts: Aquaculture;Professional fishing;Bait digging;Removal of fauna; Reclamation of land; Coastal protection works; Invasion by a species; In the Irish context, "Invasion by a species" is not taken to mean through natural causes, rather is considered to be caused by human activities.	Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts syntomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
		1310 Salicornia and other annuals colonizing mud and sand	Main Threats or Impacts: Disturbance, Invasive Species, Erosion and Accretion	Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.

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		1330 Atlantic salt meadows (Glauco-Puccinellietalia maritima)	Main Threats or Impacts: Overgrazing, Erosion, Accretion , Invasive Species, Infilling, Reclamation,						PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
		1410 Mediterranean salt meadows (Juncetalia maritimi)	Main Threats or Impacts: Overgrazing, Infilling and Reclamation	Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
		1320 Spartina swards (Spartinion maritima)							
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		1210 Annual vegetation of drift lines	To maintain the Annex I habitats for which the cSAC has been selected at favourable conservation status.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA require
		1220 Perennial vegetation of stony banks	To maintain the Annex II species for which the cSAC has been selected at favourable conservation status..Main Impacts: Development, Rock Armoury, Extraction/Movement of shingle, Dumping, Car parks, Sea walls, Groynes, Erosion, Walking, Horse Riding and non motorised vehicles, Sand and Gravel extraction, removal of beach materials, Sea Defence or coastal protection works, Outdoor sports and leisure activities, motorised vehicles, trampling, overuse, disposal of inert materials, Cultivation, Factory, Discharges - disposal of household waste, Discharges - disposal of industrial waste, Paths, tracks, cycling tracks, Management of aquatic & bank vegetation for drainage purposes.						AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required

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IE0002306	Carlingford Shore	Mudflats and sandflats not covered by seawater at low tide	Threats and Impacts: Aquaculture; Professional fishing; Bait digging; Removal of fauna; Reclamation of land; Coastal protection works; Invasion by a species; In the Irish context, "Invasion by a species" is not taken to mean through natural causes, rather is considered to be caused by human activities.	Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13 Treatment by digestors in areas of nutrient surplus - AA required for any new facility.		
				Atlantic salt meadows (Glauco-Puccinellietalia maritima)	Main Threats or Impacts: Overgrazing, Erosion, Accretion, Invasive Species, Infilling, Reclamation,	Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice. This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area. F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g. limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required. F19 Pesticide Use- Develop biological control methods - AA required.		
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant. DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.		
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Channelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation		
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity - AA required for development.		
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III			
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required		

Site Code	Site Name	Qualifying features	Key Environmental conditions to support site integrity	Pressure Topic	Possible impacts arising from the RBMP	Is there a risk of "in combination" effects from the measures outlined in RBMP (Table 6)?	Possible impacts from other Policy, Plans & Programmes (PPP)?	Is there a risk of significant "in combination" effects from the Draft RBMP & other PPPs?	Measure/Mitigation			
IE004078	Carlingford Lough SPA	QIs not explicitly stated.	The site supports part of a nationally important population of wintering Cormorant. While the numbers of wintering birds are relatively low, the site does support a good range of species. The presence of Bar-tailed Godwit is of particular note as this species is listed on Annex I of the E.U. Birds Directive.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required</p> <p>AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required</p> <p>AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.</p>			
				Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.</p>			
				Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts syptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.</p>			
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.</p>			
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>PM2 Support voluntary initiatives, such as wetlands and Integrated Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes.PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation</p>			
				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	<p>AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required.</p>			

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				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		QIs not explicitly stated.	The site is internationally important for waterfowl on the basis that it regularly holds over 20,000 birds. It also qualifies as a site of international importance for supporting populations of Brent Goose, Black-tailed Godwit and Bar-tailed Godwit. There is also a range of other species which occur in numbers of national importance – these are Great Crested Grebe, Greylag Goose, Shelduck, Mallard, Pintail, Red-breasted Merganser, Oystercatcher, Ringed Plover, Golden Plover, Grey Plover, Lapwing, Knot, Dunlin, Curlew and Redshank.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant.WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant.WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required.OP6: Properly dispose of harbour dredgings: - AA required
				Agriculture	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AG1 Creation of buffer strips around water bodies to prevent pollutant loss - AA Required.AG3 Installation of fencing to prevent livestock access to watercourses - AA Required.AG4 Reduction of agricultural intensity, e.g. lower stocking density on land, reduction in land reclamation - AA required if land use change proposed in a protected area. AG6 Set aside of agricultural lands - AA Required. AG8 Increase participation in agri-environment (NI) / rural environmental protection schemes (Ire) particularly in priority catchments - Appropriate guidance in relation to implementation or uptake in protected areas required. AG9 Upgrade farm management systems - AA Required AG10: Examine commercial/technical proposals that have the potential to bring about significant reduction in the phosphorus surplus, e.g. incinerator or digester - AA required for any new facility. This measure should only be implemented in areas where the intensity of farming is currently high, and should not be used as a reason to further intensify farming in protected areas. AG12 Removal by tanker in areas of nutrient surplus - This should only be considered as a short term measure as this does not resolve the issue with the pressure. AA required for relocation area. AG13Treatment by digestors in areas of nutrient surplus- AA required for any new facility.
				Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or not e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required.UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.
				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
				Dangerous Substances	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	DS5 Upgrade treatment to remove substances from effluent - AA required if this would involve the building of a new plant or an extension to an existing plant.DS6 Relocate discharge point - AA required and should show that the relocation will not negatively impact on protected areas.
									PM2 Support voluntary initiatives, such as wetlands and Integrated

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				Physical Modifications	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Coastal Zone Management schemes - Constructed wetlands can work correctly in the right place however there is a risk of introduction of alien species therefore these initiatives need to be appropriate, need planning controls and careful design. PM6 Chanelisation impact remediation schemes, such as re-meandering of straightened channels, reconstruction of pools, substrate enhancement, removal of hard bank reinforcement/revetment or replacement with soft engineering solution - AA required for remediation schemes. PM7 Over-grazing remediation, such as stabilisation of river banks - AA required for remediation schemes. PM9 Strategically appraise significant barriers to fish movement and introduce impassable barriers - AA required for impassable barriers remediation
				Abstractions	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	AB8 Increase available water, e.g. promote infiltration of runoff, reuse of grey water or treated wastewater, identify and build infrastructure for alternate sources - AA required for new infrastructure. AB10 Reduce abstraction volumes - AA required. AB11 Altered abstraction timing - Ensure appropriate flow maintained at all times. AB13 Provision of additional storage - AA required for any new storage facility. AB14 Direct development to areas where capacity exists and restrict development if abstraction already at capacity -AA required for development.
				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	
				Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required
		QIs not explicitly stated.	The site is of most importance as the largest Greylag Goose site in the country, but it also regularly supports three species which are listed on Annex I of the E.U. Birds Directive – Greenland White-fronted Goose, Whooper Swan and Golden Plover.	Wastewater and Industrial Discharges and Other Point Sources	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	WW1 Measures intended to reduce loading to the Treatment plant AA required if alternative facility for treatment of waste is constructed e.g. incinerator. WW10: Install secondary treatment at plants where this level of treatment is not required under the urban wastewater treatment directive - AA required if this would involve the building of a new plant or an extension to an existing plant. WW11: Apply a higher standard of treatment (stricter emission controls) where necessary - AA required if this would involve the building of a new plant or an extension to an existing plant. WW12: Upgrade the plant to remove specific substances known to impact on water quality status- AA required. WW14: Relocate the point of discharge - AA required. WW14: Relocate the point discharge.- AA Required WW16: Implement Community Digestors for Alternative Energy - AA Required. IND8:Relocate discharge point:AA required. OP5:Undertake remediation projects for prioritised landfills, quarries, mines and contaminated lands- AA Required. OP6: Properly dispose of harbour dredgings: - AA require
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IE004091				Unsewered Properties	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix III	Yes - See Appendix III	UP1 Amend Building Regulations, codes of practise for single houses, larger systems, certification of unsewered and percolation areas - Code should explore whether an AA is required or now e.g. is an AA required for one off housing within or adjacent to a protected area? Larger developments will require an AA. UP2 Assess applications for new unsewered systems by applying risk mapping/decision support systems and codes of practice This process should assess whether an AA would be required. UP7 Following mapping of vulnerable areas, where water quality is threatened, alternate treatment options, such as providing mains sewers or tank maintenance programmes, may be investigated - AA required if installation of new mains sewers required. UP11 Consider connection to municipal systems - AA required.

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				Forestry	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	F3 Acidification - AA Required. F5 Eutrophication and Sedimentation - Avoid or limit forest cover on peat sites - AA required if a new plantation on a peat site in a protected area.F13 Acidification Mitigate acid impacts symptomatically using basic material (e.g.limestone or sand liming) - AA Required. F14 Acidification - Manage catchment drainage - AA required.F19 Pesticide Use- Develop biological control methods - AA required.
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				Urban	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	
	STABANNAN-BRAGANSTOWN SPA			Local Issues	See Table 6	See Table 6 for mitigation measures	Yes - See Appendix II	Yes - See Appendix III	Aquaculture - Develop Shellfish Management Plans, designate additional sites - AA required. Peat extraction- Implement rehabilitation plans - AA Required