

EP Non-waste installations			;	SAC F	labita	t Grou	ups								S	AC S	Speci	es G	roup	s						SPA	Bird	Gro	ups		
	1.02	1.03	1.04	1.06	1.07	1.08	1.09	1.10	1 1 1	1.12	1.13	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	5 (1	2.12	3.01	3.02	3.03	3.04	3.05	3.06	3.07	3.08	3.10
Acidification																			۲	20											
Change in salinity regime																		X													
Changes in thermal regime																	1														
Disturbance (e.g. visual, noise, gulls)																															
Entrapment															Q																
Habitat loss													6	3																	
Nutrient enrichment												Y	O																		
Physical damage)																			
Siltation										7																					
Smothering								ĻĆ	No.)																					
Toxic contamination								O																							
Turbidity																															

Shaded squares in the matrix indicate that one or more of the habitats or species in a group may be affected that hazard. Un-shaded squares indicate that, if a habitat or species in that group is present on a site, it is not sensitive to the hazard. For details of the habitats and species in each group see the 'What's protected' guidelines

This matrix applies to the following types of permission

COMAH Safety Reports

Environmental Permit (Disposal radioactive waste)

Environmental Permit (PPC Installations)

Environmental Permit (RAS Nuclear)

IPC Authorisations and Variations

IPC Authorised Discharge to Sewer

EP Waste facilities and	SAC Habitat Groups	SAC Species Groups	PA Bird Groups
installations	1.13 1.12 1.11 1.10 1.09 1.09 1.08 1.07 1.06 1.06 1.05 1.05 1.03	2.11 2.11 2.10 2.09 2.08 2.08 2.07 2.07 2.06 2.05 2.05 2.03 2.03	3.10 3.09 3.08 3.08 3.07 3.06 3.05 3.05
Disturbance (e.g. visual, noise, gulls)			
Habitat loss			
Nutrient enrichment			
Predation			
Siltation			
Smothering			
Toxic contamination			
Shaded squares in the matrix indicate that one or more of the habita habitats and species in each group see the 'What's protected' guidel	ats or species in a group may be affected by that hazard. Un-shaded squares ines	s indicate that, if a happar or species in that group is present on a site	e, it is not sensitive to the hazard. For details of the
This matrix applies to the following ty	pes of permission	S	
Environmental Permit (Waste	exemption)	100	
Environmental Permit (Waste	management/landfill)	>	
This matrix may not be comprehensive but these don the judgemen	ats or species in a group may be affected by that hazard. Un-shaded squares ines /pes of permission exemption) management/landfill)		
This matrix may not be comprehensive but it based on the judgemen	nt of staff in the Environment Agency, Natural England and Countryside Cou	uncil for Wales. There may be other hazards and sensitivities, which v	vill vary according to circumstances Page 2 of 1

Fish Habitats Works	SAC Habitat Groups	SAC Species Groups	PA Bird Groups
	1.12 1.11 1.10 1.09 1.08 1.07 1.06 1.05 1.05 1.05 1.03	2.11 2.10 2.09 2.08 2.08 2.07 2.07 2.06 2.05 2.05 2.04 2.04 2.09	3.10 3.09 3.08 3.07 3.06 3.06 3.05 3.04
Changes in surface water flooding			
Changes in velocity or flow regime			
Changes in water levels or table			
Disturbance (e.g. visual, noise, gulls)			
Habitat loss			
Physical damage			
Siltation			
Turbidity			
haded squares in the matrix indicate that one or more of t	the habitats or species in a group may be affected by that hazard. Un-shaded squa	ares indicate that, if a labitat or species in that group is present on a	site, it is not sensitive to the hazard. For details of the
abitats and species in each group see the 'What's protecte	'd' guidelines	25	
This matrix applies to the followi	ing types of permission	'No	
Fish Pass Approvals	the habitats or species in a group may be affected by that hazard. Un-shaded squared guidelines ing types of permission /orks judgement of staff in the Environment Agency, Natural England and Countryside Country (Country).	O .	
Habitat Improvement W	/orks		
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This matrix may not be comprehensive but it based on the j	judgement of staff in the Environment Agency, Natural England and Countryside C	Council for Wales. There may be other hazards and sensitivities, whi	ch will vary according to circumstances Page 3 of 3

																											_'	1						
Fish Introduction			SAC Habitat Groups										SAC Species Groups									SPA Bird Groups												
	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1		1.12	1.13	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	3.01	3.0	3 0 3	3.04	3.05	3.06	3.07	3.08	3.09	3.10
Competition with indigenous fish species																							_		1									
Detrimental effect on overall ecology																							_		Ľ.						<u> </u>			
Hybridisation with indigenous fish																						S												
Introduction of Disease																					C?		_								<u> </u>			
Predation on fish, inverts, amphibia																			.X	7														

Shaded squares in the matrix indicate that one or more of the habitats or species in a group may be affected by that hazard. Un-shaded squares indicate that, if a habitat or species in hat group is present on a site, it is not sensitive to the hazard. For details of the habitats and species in each group see the 'What's protected' guidelines

This matrix applies to the following types of permission

Fish Stocking by Agency (on Agency-owned land)

Section 30 SFFA75

			NO
Fishing	SAC Habitat Groups	SAC Species Groups	3PA Bird Groups
	1.13 1.12 1.11 1.110 1.09 1.08 1.07 1.06 1.06 1.05 1.04 1.03 1.02	2.10 2.09 2.08 2.07 2.07 2.05 2.05 2.05 2.04 2.03	3.10 3.09 3.08 3.07 3.06 3.05 3.05 3.04 3.05 2.11
Disturbance (e.g. visual, noise, gulls)			
Killing/injury or removal of fish or other animals			
Nutrient enrichment			
Physical damage			
Shaded squares in the matrix indicate that one or more of the ha habitats and species in each group see the 'What's protected' gu	nabitats or species in a group may be affected by that hazard. Un-shaded squares in uidelines g types of permission at Rod & Line (SFFA75) group may be affected by that hazard. Un-shaded squares in uidelines g types of permission at Rod & Line (SFFA75)	ndicate that, if a habitat or species in that the p is prese	nt on a site, it is not sensitive to the hazard. For details of the
This matrix applies to the following	a types of permission	MIL	
Consent to use method not	t Rod & Line (SFFA75)		
Fisheries Byelaws		Vec	
Net Limitation Orders		25	
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This matrix may not be comprehensive but a based on the judge	ement of staff in the Environment Agency, Natural England and Countryside Coun	cil for Wales. There may be other hazards and sensitiviti	es, which will vary according to circumstances Page 5 of 10
X ,			

Flood Defence	SAC Habitat Groups	SAC Species Groups	3PA Bird Groups							
	1.12 1.11 1.10 1.09 1.08 1.07 1.06 1.06 1.05 1.04 1.03	2.11 2.10 2.09 2.09 2.08 2.07 2.07 2.06 2.06 2.06 2.00 2.00 2.00 2.00 2.00	3.10 3.09 3.08 3.07 3.06 3.05 3.05 3.04							
Changed water chemistry										
Changes in physical regime										
Changes in surface water flooding										
Changes in velocity or flow regime										
Competition from non-native species										
Disturbance (e.g. visual, noise, gulls)										
Habitat loss										
Habitat/community simplification										
Physical damage										
Turbidity										

Shaded squares in the matrix indicate that one or more of the habitats or species in a group may be affected by that hazard. Un-shaded squares in dicate that, if a habitat or species in that group is present on a site, it is not sensitive to the hazard. For details of the habitats and species in each group see the 'What's protected' guidelines

This matrix applies to the following types of permission

Capital Schemes

Emergency Activities

Existing Routine Maintenance Operations

Land Drainage Byelaws

Land Drainage Consent

New planned maintenance improvement works

Operation of Pumping Stations

Water Level Management Plans

Navigation	SAC Habitat Groups	SAC Species Groups	3PA Bird Groups					
	2.01 1.13 1.12 1.11 1.10 1.09 1.08 1.07 1.06 1.05 1.05 1.03 1.03	2.112 2.110 2.110 2.09 2.09 2.09 2.006 2.006 2.006	3.10 3.09 3.08 3.07 3.06 3.05 3.05					
Changes in physical regime								
Changes in surface water flooding								
Competition from non-native species								
Disturbance (e.g. visual, noise, gulls)								
Habitat loss								
Nutrient enrichment								
Physical damage								
Siltation								
Toxic contamination								
Turbidity								

Shaded squares in the matrix indicate that one or more of the habitats or species in a group may be affected by that hazard. Un-shaded squares in dicate that, if a habitat or species in that group is present on a site, it is not sensitive to the hazard. For details of the habitats and species in each group see the 'What's protected' guidelines

This matrix applies to the following types of permission

Navigation Byelaws

Recreation and Estates	SAC Habitat Groups SAC Species Groups SPA Bird Group	os
	3.06 3.06 3.06 3.06 3.07 2.11 2.11 2.11 2.10 2.09 2.09 2.09 2.09 2.09 2.09 1.11 1.11 1.11 1.10 1.00 1.00 1.00 1	3.10
Disturbance (e.g. visual, noise, gulls)		
Habitat loss		
Nutrient enrichment		
Physical damage		
Toxic contamination		

Shaded squares in the matrix indicate that one or more of the habitats or species in a group may be affected by that hazard. Un-shaded squares indicate that, if a habitat or species in hat group is present on a site, it is not sensitive to the hazard. For details of the habitats and species in each group see the 'What's protected' guidelines

This matrix applies to the following types of permission

Access/Recreation promotion or projects

Leases & Rights for Agency land

Water Quality	SAC Habitat Groups	SAC Species Groups	SPA Bird Groups
,	1.12 1.11 1.10 1.09 1.08 1.07 1.07 1.07 1.07 1.07 1.07 1.07	- 13 2 2 2 2 3 3 4 5 6 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3.10 3.09 3.08 3.08 3.07 3.06 3.05
Change in salinity regime			
Changes in thermal regime			
Nutrient enrichment			
pH			
Physical damage			
Siltation			
Toxic contamination			
Turbidity			
Shaded squares in the matrix indicate that one or more of th	e habitats or species in a group may be affected by that hazard. Un-shaded square	res indicate that, if a vabitat or species in that group is present on a site, it is not sensitive	to the hazard. For details of the
habitats and species in each group see the 'What's protected	'guidelines	200	
This matrix applies to the following	ng types of permission	Y. C.	
Clean up after Pollution I	ncidents/ Emergencies		
Conditional Prohibition N	lotices		
Environmental Permit (D	ischarge consent)		
Environmental Permit (G	roundwater activity)		
Operator and Pollution R	isk Appraisal		
Water Quality Discharges	for Works Purposes		
800	e habitats or species in a group may be affected by that hazard. Un-shaded square driguidelines Ing types of permission Incidents/ Emergencies Idotices Ido		
This matrix may not be comprehensive but a based on the ju	dgement of staff in the Environment Agency, Natural England and Countryside Co	ouncil for Wales. There may be other hazards and sensitivities, which will vary according t	to circumstances Page 9 of 10

Water Resources	SAC Habitat Groups SAC S	Species Groups PA Bird Groups
	2.05 2.04 2.04 2.02 2.02 2.01 1.13 1.12 1.11 1.10 1.09 1.09 1.09 1.09 1.09 1.09	3.10 3.09 3.09 3.07 3.06 3.06 3.05 3.04 3.04 3.04 2.11 2.11 2.11 2.10 2.08 2.08
Change in freshwater flow to estuary		
Change in salinity regime		
Changed water chemistry		
Changes in surface water flooding		
Changes in velocity or flow regime		
Changes in water levels or table		
Entrapment		
Habitat loss		
Reduced dilution capacity		

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This matrix applies to the following types of permission

Abstraction Licence

Capital Scheme (e.g Gauging Stations And Weirs)

Drought Permits and Orders

Impoundment Licence

River Regulation Schemes

S158 WRA91 (Operating Agreements)

S20 WRA91 (Arrangements with Water Companies)

S30 WRA91 (Conservation Notices)

S32 WRA91 (Consents to Drill and Pump)