


<p>Record of Assessment of Likely Significant Effect on a European Site</p>	
<p>PART A <i>To be completed by relevant technical/project officer in consultation with Conservation/Ecology section and NRW</i></p>	
<p>1. Type of permission/activity:</p>	<p>Full Planning Application</p>
<p>2. Planning application number</p>	<p>2020/0173/FUL</p>
<p>3. National Grid reference:</p>	
<p>4. Site reference:</p>	<p>Carn Nicholas Farm Track From Brokesby Road Bonymaen Swansea SA1 7BL</p>
<p>5. Brief description of proposal</p>	<p>Construction of solar farm to include the installation of solar panels to generate up to 9.99MW of electricity with substations, transformers, security cameras, fencing, grid connection and associated development</p>
<p>6. European site name(s) and status:</p>	<p>Crymlyn Bog SAC & Crymlyn Bog Ramsar Site</p>
<p>7. List of features of interest to the EMS</p>	<ul style="list-style-type: none"> • Transition mires and quaking bogs • Calcareous fens with Cladium mariscus and species of the Caricion davallianae <p>and to support a significant presence of:</p> <ul style="list-style-type: none"> • Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)
<p>8. Conservation objectives: will the proposal undermine the conservation objectives? If no then plan may be granted.</p>	<p>In the absence of mitigation measures – possibly. Appropriate Assessment will be required.</p>
<p>9. Is the proposal directly connected with or necessary to the management of the site for nature conservation?</p>	<p>No</p>
<p>10. Case History/additional information</p>	<p>► The development</p> <p>Construction of solar farm to include the installation of solar panels to generate up to 9.99MW of electricity with associated infrastructure.</p> <p>The development is located within approximately 700m of Crymlyn Bog SAC, the proposed substation is also located adjacent to a watercourse which provide hydrological connectivity to the SAC. The site location adjacent to the watercourse is approximately 300m upstream from the SAC.</p> <p>Due to this hydrological link, Swansea Council as the Competent Authority has carried out a Habitat Regulation Assessment (HRA) under regulation 63 of the Conservation of Habitats and Species Regulations 2017 prior to the determination of the planning application.</p> <p>No designated SAC habitats are present on the application site.</p> <p>The development is explained in more detail in planning application 2020/0173/FUL.</p>

	<p>► The test of likely significant effect</p> <p>In determining planning applications, local planning authorities should have regard to the Habitats Directive in the exercise of their planning functions in order to fulfil the requirements of the Habitats Directive in respect of the land use planning system.</p> <p>The consideration of the likelihood of significant effects is a form of screening process or risk assessment. The planning authority must consider whether the proposed development would be likely to have a significant effect on any European site or European offshore marine site alone and in combination with other plan or projects. In doing so, it must adopt a precautionary approach.</p> <p>► What potential hazards have the potential to affect the interest features of the Crymlyn Bog SAC?</p> <ul style="list-style-type: none"> • Construction and operational impacts on water quality. <p>The potential effects on the water environment from the construction of the proposed development include the following:</p> <ul style="list-style-type: none"> • the mobilisation of sediment laden runoff or contamination, which could enter local watercourses and drains; • the potential risk of chemical and fuel (oil) spillages entering local watercourses and drains; • disposal of construction site foul water. <p>The potential effects on the water environment from the operation of the proposed development include the following:</p> <ul style="list-style-type: none"> • the potential risk of chemical and fuel (oil) spillages entering local watercourses and drains; <p>► What are the potential impacts on the features (and their conservation objectives) of Crymlyn Bog SAC?</p> <p>Potential adverse effect on features of the Crymlyn Bog SAC (and its conservation objectives) from changes in water quality through construction and operational impacts which could enter local watercourses.</p> <p>► Discussion - Potential construction/operational phase impacts on water quality.</p> <p>The potential effects on the water environment from the construction and operation of the proposed development include the following:</p> <ul style="list-style-type: none"> • The potential risk of changes in water quality through construction/operational impacts. <p>Taking the above factors into account it is considered possible that the development will result in significant effects on the water quality of Crymlyn Bog SAC.</p> <p>Therefore an Appropriate Assessment will be required.</p>
<p>11. Is the potential scale or magnitude of any effect likely to be significant?</p>	
<p>a) Alone? (explain conclusion)</p>	<p>Without counteracting/mitigation measures with regard to the potential impacts from the construction and operation phase, it cannot be concluded that there will be no likely significant effects on the Crymlyn Bog SAC features and conservation objectives.</p>
<p>b) In combinatio</p>	<p>N/A as significant effects alone cannot be ruled out.</p>

<p>n with other plans or projects? (Explain conclusion and which plans/projects have been included, including those associated with other functions).</p>		
<p>12. Conclusion: Is the proposal likely to have a significant effect 'alone or in combination' on a European site? (justification – attach any relevant supporting information)</p>	<p>Yes Without counteracting/mitigation measures with regard to the potential impacts from the construction and operation phase, it cannot be concluded that there will be no likely significant effects on the Crymlyn Bog SAC features and conservation objectives. See sections 10, 11a and 11b.</p>	
<p>13. CCS Officer name/Date</p>	<p>Kate Davies, Planning Ecologist 25/05/2020</p>	
<p>14. NRW comment on assessment :</p>		
<p>14. NRW Officer:</p>		<p>Date:</p>
<p>IF THE PROPOSAL IS LIKELY TO HAVE A SIGNIFICANT EFFECT AN APPROPRIATE ASSESSMENT WILL BE REQUIRED (see part B for suggested scope).</p>		
<p>Part B - SUGGESTED SCOPE OF THE APPROPRIATE ASSESSMENT: Consider appropriate restrictions or conditions that address the potential construction phase contamination impacts on water quality.</p>		
<p>16. NRW Comment on scope of appropriate assessment:</p>		
<p>17. Name of NRW Officer:</p>		<p>Date:</p>

