


## Annex (iv) – SSSI Assessment Form

<p><b>SSSI Assessment for permit/licence and deployment applications</b></p>	
<p>To be completed by Permitting Officers for any applications for a permission which Natural Resources Wales has considered under S28I duty to notify SNCB and take their advice into account. This applies to all proposed permissions within a SSSI, and to operations outside the SSSI boundary which are likely to damage its special features.</p> <p>NRW as a Section 28G authority has, when exercising its functions, a general duty to take reasonable steps, consistent with the proper exercise of its functions, to further the conservation and enhancement of the flora, fauna or geological or physiological features by reason of which the site is of special interest'</p> <p>Part 1 – SSSI Assessment          Part 2 – Formal notification to SNCB (to be completed if part 1 assessment concludes likely damage, not likely to damage because of conditions or you cannot conclude no likely damage)          Part 3 – Decision</p> <p><b>Pink text</b> – drafting notes, to be deleted before completion/consultation.  <b>Blue text</b> – examples, to be replaced with permission-specific information and text turned to black.</p>	

### Part 1 – SSSI Assessment

1. Permitting officer/team	William Wallace
2. Permit application reference and site name	PAN-026655
3. a. SSSI name(s) b. location c. NRW Operational Area/Environment Team	<p>SSSI</p> <p><b>1 a-Stormy Down</b>            b-NGR - SS 84086 82005 (closet point to installation) (located 1700 meters south of the installation)            c- Bridgend, Rhondda Cynon Taff and Merthyr Tydfil</p> <p><b>2 a-Penycastell, Cefn Cribwr</b>            b-NGR SS 84368 80983            c- Bridgend, Rhondda Cynon Taff and Merthyr Tydfil</p>

	<p><b>3 Cynffig / Kenfig</b>  NGR SS 84432 83064 (1730 meters west of the installation)</p> <p>Bridgend, Rhondda Cynon Taff and Merthyr Tydfil and part of the site is also within Neath Port Talbot</p> <p><b>4 Waun Cimla (located 1530 meters north east of the installation)</b>  NGR: SS 84432 83064  Bridgend, Rhondda Cynon Taff and Merthyr Tydfil</p>
<p>4. Brief description of proposal</p>	<p>Abril industrial Waxes are adding a new production line to their site located at Sturmi Way, Village Farm Industrial Estate, Pyle. The new production line will use a</p> <p>The diamines are stored in a dedicated area with</p> <p>The variation will include a new emission point A16 from the handling system and two pressure release emission A17 and A18.</p> <p>The main pathway of impact is through emissions of diamines to air through a new emission point A16. Emission points A14 and A15 had been previously assessed and had screened out. Emission points A17-A18 have negligible emissions.</p> <p>There are no changes to any of the existing emission points to air.</p> <p>All Process effluent is discharge to sewer under a trade effluent consent which will remain unchanged by the proposal. The only discharge to surface water is uncontaminated rain water run off.</p>
<p>5. What aspects of the proposed permission are likely to damage the SSSI features of special interest?</p> <p>The following activities are likely to cause damage:</p>	

- Emissions to air through a new emission point A15

The following SSSI(s) features and potential impacts have been considered to assess the likelihood of damage:

### **Stormy Down**

Designated features can be found in the site's citation ([here](#))

-No mechanism of impact.

Reason:

The main designated feature is for "rocks and their mixture of marine and terrestrial fossils" and is not sensitive to emissions of diamines.

### **Penycastell, Cefn Cribwr**

Details of the designations can be found in the sites citation ([here](#))

The site is designated for its marshy grassland and species-rich neutral grassland and for the association of these vegetation types with others including swamp, carr woodland and scrub.

No mechanism of impact

Reason:

Diamines do not have an ecological standard, however a H1 assessment at point source shows that the short term emissions are less 0.32% of the short term critical level and 0.049% of the long term critical level (for human health) at point source.

Given the very low quantity at point source, the concentration of emissions at the designated site will not be at any noticeable levels to cause any likelihood of damage and as such the proposal does not have any mechanism of impact to the features of the sites.

### **Cynffig / Kenfig**

Details of the designations can be found in the sites citation ([here](#))

Designated species include; petalwort *Petalophyllum ralfsii*, the medicinal leech *Hirudo medicinalis*, the fen orchid *Liparis loeselii*, the shrill carder bee *Bombus sylvarum*, the hairy dragonfly *Brachytron pratense* and a weevil *Pachytychius quinquepunctatus*.

No mechanism of impact

Reason:

Diamines do not have an ecological standard, however a H1 assessment at point source shows that the short term emissions are less 0.32% of the short term critical level and 0.049% of the long term critical level (for human health) at point source.

Given the very low quantise at point source, the concentration of emissions at the designated site not be at any noticeable levels to cause any likelihood of damage and as such the proposal does not have any mechanism of impact to the features of the sites.

**Waun Cimla**

Site is designated for species-rich lowland grassland, including significant areas of marshy and dry neutral grassland. Details of the designations can be found in the sites citation ([here](#))

No mechanism of impact

Reason:

Diamines to not have an ecological standard, however a H1 assessment at point source shows that the short term emissions are less 0.32% of the short term critical level and 0.049% of the long term critical level (for human health) at point source.

Given the very low quantise at point source, the concentration of emissions at the designated site not be at any noticeable levels to cause any likelihood of damage and as such the proposal does not have any mechanism of impact to the features of the sites.

6. Summary of any informal advice received from internal experts (if required and including pre-app advice)	N/A
7. Recommendation	The proposed permission is <b>not likely to damage</b> any of the flora, fauna or geological or physiological features which are of special interest
8. Signature and date assessment made	W Wallace 07/08/2025
9. Officers name and job title	William Wallace Senior Officer Installation and RSR permitting