

MEMORANDUM / COFNOD

The Vale of Glamorgan Council
The Alps, Wenvoe, CF5 6AA



To / I:	Development Services
Dept / Adran:	
Date / Dyddiad:	
Your Ref / Eich Cyf:	P/DC/LC/RL/2015/00031/OU T

From / Oddi Wrth:	Operational Manager Highways and Engineering
My Ref / Cyf:	HE/SP/CRM/L5/1
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Subject / Testyn: **Planning Application No. 2015/00031/OUT David Davies Road, Barry**

Proposal : Outline application for a wood fired renewable energy plant

Condition 13: *The building hereby permitted shall not be occupied until surface water drainage works have been implemented in accordance with details that have been submitted to and approved in writing by the Local Planning Authority. Before these details are submitted an assessment shall be carried out of the potential for disposing of surface water by means of a sustainable drainage system and the results of the assessment provided to the Local Planning Authority. Where a sustainable drainage scheme is to be provided, the submitted details shall:*

- i) provide information about the design storm period and intensity, the method employed to delay and control the surface water discharged from the site and the measures taken to prevent pollution of the receiving groundwater and/or surface waters;*
- ii) include a timetable for its implementation; and provide a management and maintenance plan for the lifetime of the development which shall include the arrangements for adoption by any public authority or statutory undertaker and any other arrangements to secure the operation of the scheme throughout its lifetime.*

Documents submitted indicate surface water shall be attenuated on site prior to discharge off site. The attenuation tank will be sited in the northern-most portion of the site. Roof water shall drain directly to the attenuation tank, whilst any road runoff or water from hardstanding areas shall drain to the attenuation tank via an interceptor tank. As the attenuation tank is sited to the north of the site, surface water shall be pumped to the southern part of the site for discharge.

Hydraulic calculations have been submitted with the application to demonstrate the functionality of the system and the standard of service that it shall provide. The 1 in 100 year design storm has been given a 20% allowance for climate change. This should be 30% and therefore revised hydraulic calculations should be submitted.

No details have been submitted regarding the outfall of the surface water system. Prior to surface water conditions being discharged, details are required to be provided on the discharge point of the surface water system. The information submitted indicates that water shall be discharged at a rate of 3l/s. Further details are required on how this discharge rate has been calculated.

A management and maintenance plan has been submitted with the application.

Given the above, this section objects to the discharge of condition 13 until the following information has been submitted to, and approved by, the LPA:

- Information on discharge rate calculation
- Details on surface water outfalls
- Hydraulic calculations demonstrating a 30% allowance for climate change

F.Tomalin
Engineering Assistant (FCERM)

for Operational Manager Highways and Engineering
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