

Rees, Gail

From: Davies, James <James.Davies@cyfoethnaturiolcymru.gov.uk>
Sent: 27 March 2018 17:43
To: Howell, Morgan P
Cc: South East Planning
Subject: RE: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Afternoon Morgan

Thanks for your email below. Looking into the comments raised by Faye, there may be some confusion over the surface water management proposals. Faye may correct me, as I've not reviewed the applicant's drainage scheme in detail, but we understand that if sprinklers are used and there is 'fire water' on site then this will be prevented from entering the surface water system (and then into ABP dock); instead it will be captured in a tank and taken from site by a tanker. This is set out in the second paragraph on page 39 of the [Decision Document](#) – I've repeated it here:

"In the plans in Annex B, the only reference to an attenuation tank is made on drawing BARRY_01_DWG_20131D, where it states "Attenuation size & form TBC". As there was limited information available, we asked the Applicant to provide full details to show the tank is of appropriate scale and volume, and constructed in line with current guidelines, also that it is fully sealed and will prevent any escape of fire water, other than via an authorised disposal.

The Applicant responded on the 23rd October 2017 and provided drawings for the attenuation tank, pump and electronic set-up and confirmed the size of attenuation capacity on-site. The Applicant also stated that the tank can be totally isolated to prevent fire water entering the surface water system and that any potentially contaminating water will be isolated in the tank and removed from site by tanker to be disposed of in a suitable facility."

Of course, I may be simplifying the issue. Can you ask Faye for her view? Our view is that only uncontaminated waters will enter the surface water system.

Regarding your email to me on 6 March 2018 over concerns that the amended parking areas are within C2 flood zone, and whether we require an updated FCA. The site location plan (Dwg_01_40001 RevD) indicates the lease land in blue. It appears half of this land is proposed for parking as indicated in the site layout (E1627-2105). Having looked at our predicted flood outlines for this area again, only a small amount of this area falls within the extreme 0.1% (1 in 1000 chance) annual flood outlines. See the attached screen shot for the area in question circled. It is likely that this area is either a localised low spot or where the flood modelling has mapped the outline extent at this scale.

Given this is on the edge of the site; the scale of the area at risk and the nature of the development proposed there (parking); subject to the operator of the site being made aware of the surrounding flood risk, we do not require an updated FCA to support for this variation of condition application. This advice is also relevant to the small areas of flood risk in the visibility splay and other parts of the leased land.

I'm happy to discuss any of these comments further with you.

I trust the advice is clear

Jim Davies

Uwch Ymgynghorydd Cynllunio Datblygu / Senior Development Planning Advisor
Cyfoeth Naturiol Cymru / Natural Resources Wales
0300 065 3033

cyfoethnaturiol.cymru / naturalresources.wales

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From: Howell, Morgan P <MPHowell@valeofglamorgan.gov.uk>

Sent: 26 March 2018 11:14

To: Davies, James <James.Davies@cyfoethnaturiolcymru.gov.uk>

Cc: South East Planning <southeastplanning@cyfoethnaturiolcymru.gov.uk>

Subject: FW: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi James,

I write with respect to the above mentioned application.

We are still considering the SuDS scheme in respect to the above mentioned application. As you can see the drainage engineer is concerned about contaminated sprinkler water from the site and further information on water quality treatment phases are required and you should be consulted. Can I confirm that you would be able to comment on any additional information in relation to water quality treatment and what sort of information would be required to satisfy any concerns?

Thanks

Morgan Howell

Senior Planner (Development Control) / Uwch Gynllunyydd

Regeneration and Planning / Adfywio a Chynllunio

Vale of Glamorgan Council / Cyngor Bro Morgannwg

tel / ffôn: 01446 704743

mob / sym:

e-mail / e-bost: MPHowell@valeofglamorgan.gov.uk

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From: Tomalin, Faye E

Sent: 26 March 2018 11:02

To: Howell, Morgan P

Subject: RE: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi Morgan,

At this stage we still have objections to the discharge of conditions on this site.

The applicant is stating that the attenuation tank on the site is sized for the 1 in 100 yr +20% for climate change, plus an allowance for the fire protection sprinkler systems. No information has been provided on the capacity allowed for the sprinkler system, and how this compares to the volume of storage required for the 1 in 100 yr + 30% event.

Further information is required on the ABP drainage system final discharge point of the site. Should this be into the docks, there are concerns that there may be a detrimental effect on water quality, particularly if water from the sprinkler system is to enter the surface water network. Should this be the case, further information on water quality treatment phases are required, and NRW should be consulted on this part of the application.

Best wishes,
Faye

Faye Tomalin
Engineering Assistant (Flood and Coastal Risk Management) / Cynorthwydd Peirianeg
Visible Services / Gwasanaethau Gweledig
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 02920 673235
mob / sym:
e-mail / e-bost: fetomalin@valeofglamorgan.gov.uk

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From: Howell, Morgan P
Sent: 07 March 2018 13:16
To: Tomalin, Faye E; Moon, Clive R
Subject: FW: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi Both,

See email below and attached updated documents regarding the sustainable drainage information submitted for consideration.

Can you come back to me with observations and outline whether there are any concern regarding the resubmission within 21 days from the date of this email.

Thanks

Morgan Howell
Senior Planner (Development Control) / Uwch Gynllunydd
Regeneration and Planning / Adfywio a Chynllunio
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 01446 704743
mob / sym:
e-mail / e-bost: MPHowell@valeofglamorgan.gov.uk

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From: Douglas Wardle [<mailto:douglas@powerconsultingmidlands.com>]
Sent: 07 March 2018 11:37
To: Howell, Morgan P
Subject: RE: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi Morgan, just getting back to you in respect of your original email below, I am attaching the updated Condition 13 Discharge Statement together with two additional drawings referenced in the revised Statement.

This has been prepared by one of our engineers following his conversation with Faye Tomalin. We believe the attached note is fully responsive to Faye's questions although this has yet to be confirmed by her. Nevertheless, since time is passing we thought it prudent to send this through to you by way of a progress report and perhaps you could check with Faye and/or Clive Moon whether they are now satisfied with the submission?

Kind regards

Douglas

Douglas Wardle
Power Consulting Midlands Ltd

Mobile : +44 (0) 7770 226680
Direct: +44 (0) 1323 833824
Email : douglas@powerconsultingmidlands.com

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From: Howell, Morgan P [<mailto:MPHowell@valeofglamorgan.gov.uk>]
Sent: 25 January 2018 13:31
To: Douglas Wardle <douglas@powerconsultingmidlands.com>
Subject: FW: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi Douglas,

The drainage section require more information on the sustainable drainage information. See attached memo.

Kind regards

Morgan Howell
Senior Planner (Development Control) / Uwch Gynllunyydd
Regeneration and Planning / Adfywio a Chynllunio
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 01446 704743
mob / sym:
e-mail / e-bost: MPHowell@valeofglamorgan.gov.uk

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From: Tomalin, Faye E
Sent: 25 January 2018 12:45
To: Howell, Morgan P
Subject: RE: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi Morgan,

Please find attached comments on the above application.

Best wishes,
Faye

Faye Tomalin
Engineering Assistant (Flood and Coastal Risk Management) / Cynorthwydd Peirianeg
Visible Services / Gwasanaethau Gweledig
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 02920 673235
mob / sym:
e-mail / e-bost: fetomalin@valeofglamorgan.gov.uk

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From: Tomalin, Faye E
Sent: 25 January 2018 11:57
To: Howell, Morgan P
Subject: RE: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Yep, got it. Thanks!

Faye Tomalin
Engineering Assistant (Flood and Coastal Risk Management) / Cynorthwydd Peirianeg
Visible Services / Gwasanaethau Gweledig
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 02920 673235
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From: Howell, Morgan P
Sent: 25 January 2018 11:43
To: Tomalin, Faye E
Subject: RE: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

It is, but the sustainable drainage information, along with all the other discharge of conditions applications have been merged to the one variation of condition application I have on the site, planning ref 2017/01080/FUL. So all the info should be on this one file and this one application will go to committee rather than four different CD applications. Does that make sense?

Morgan Howell
Senior Planner (Development Control) / Uwch Gynllunyydd
Regeneration and Planning / Adfywio a Chynllunio
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 01446 704743
mob / sym:
e-mail / e-bost: MPHowell@valeofglamorgan.gov.uk

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From: Tomalin, Faye E
Sent: 25 January 2018 11:35
To: Howell, Morgan P
Subject: RE: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi Morgan,

Is the discharge of this condition going to committee? Or have I got mixed up with another application!?

Thanks,
Faye

Faye Tomalin
Engineering Assistant (Flood and Coastal Risk Management) / Cynorthwydd Peirianeg
Visible Services / Gwasanaethau Gweledig
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 02920 673235
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e-mail / e-bost: fetomalin@valeofglamorgan.gov.uk

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From: Howell, Morgan P
Sent: 03 January 2018 08:40
To: Tomalin, Faye E
Subject: FW: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi Faye,

The agent has indicated that this document sets out the responsibility and maintenance information.

Kind regards

Morgan Howell
Senior Planner (Development Control) / Uwch Gynllunyydd
Regeneration and Planning / Adfywio a Chynllunio
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 01446 704743
mob / sym:
e-mail / e-bost: MPHowell@valeofglamorgan.gov.uk

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From: Douglas Wardle [<mailto:douglas@powerconsultingmidlands.com>]
Sent: 02 January 2018 12:28
To: Howell, Morgan P
Subject: RE: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi Morgan – Happy New Year to you and the team.

I have just received a response to Faye's question about the management and maintenance plan for the drainage assets (see attached).

Please let me know if any further information is needed on this.

Kind regards

Douglas

Douglas Wardle
Power Consulting Midlands Ltd

Mobile : +44 (0) 7770 226680
Direct : +44 (0) 1323 833824
Email : douglas@powerconsultingmidlands.com

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From: Howell, Morgan P [<mailto:MPHowell@valeofglamorgan.gov.uk>]
Sent: 30 November 2017 14:36
To: Douglas Wardle <douglas@powerconsultingmidlands.com>
Subject: FW: 2015/00031/OUT Biomass Plant, Barry CD- Sustainable drainage condition

Hi Douglas,

See email below, as you can see Faye has not looked at the details as a whole but she is correct, there are requirements for you to identify responsibility and maintenance of the system.

If you could provide this information, Faye can provide her observations.

Kind regards

Morgan Howell
Senior Planner (Development Control) / Uwch Gynllunydd
Regeneration and Planning / Adfywio a Chynllunio
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 01446 704743
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From: Tomalin, Faye E
Sent: 24 November 2017 09:26
To: Howell, Morgan P
Subject: 2015/00031/OUT Biomass Plant, Barry

Hi Morgan,

I haven't had chance to take a proper look at the details submitted for this application yet, however I've had a quick look at can't seem to see a management and maintenance plan for the drainage assets. This is required in order to discharge the condition. Could you request this please and I can take a look at the rest of the information.

Many thanks,
Faye

Faye Tomalin
Engineering Assistant (Flood and Coastal Risk Management) / Cynorthwydd Peirianeg
Visible Services / Gwasanaethau Gweledig
Vale of Glamorgan Council / Cyngor Bro Morgannwg
tel / ffôn: 02920 673235
mob / sym:
e-mail / e-bost: fetomalin@valeofglamorgan.gov.uk

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