

**Rees, Gail**

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**From:** Hitchings, Mike (Agency)  
**Sent:** 06 April 2018 09:05  
**To:** Howell, Morgan P; Moon, Clive R  
**Subject:** RE: Planning application for the Biomass incinerator - 2017/01080/FUL

Hi Morgan,

Apologies for the delay in responding, we have a temporary resource shortage at the present time.

With reference to the request from the Friends of the Earth forum. I believe that the NRW response and the nature of the site negates the need for an updated FCA.

The authority has the responsibility to ensure the following risks (if present) are adequately mitigated, via assessment:

- Risk to life
- Disruption to residents and businesses
- Potential damage to property
- Impact on flood risk in general
- Disruption to natural heritage and environment

Regards,

**Mike Hitchings**

SuDS Engineer

Visible and Housing Services

Vale of Glamorgan Council / Cyngor Bro Morgannwg

tel / ffôn: 02920673128

mob / sym:

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

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**From:** Howell, Morgan P  
**Sent:** 04 April 2018 11:23  
**To:** Moon, Clive R; Hitchings, Mike (Agency)  
**Subject:** RE: Planning application for the Biomass incinerator - 2017/01080/FUL  
**Importance:** High

Hi Clive/Mike,

See email below from Friends of the Earth. Can you give me a call or respond to this query in respect to the potential localised surface water flooding in this location.

I have checked with NRW and they have outlined that due to the type of development (car park area) that would extend into small pockets of the flood zone they are of the opinion that an updated FCA is not required. Faye has not asked for an updated flood assessment for the site based on the 2009 submission included within this application. Based on FoE comments do you think it is necessary to require the applicant to submit an updated statement and could you give an outline of our responsibilities in this instance?

A quick response from you would be great as I would like to go back to provide a reply as soon as possible.

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](mailto:MPHowell@valeofglamorgan.gov.uk)

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Correspondence is welcomed in Welsh or English / Croesewir Gohebiaeth yn y Gymraeg neu yn Saesneg.

**From:** max wallis [<mailto:maxkwallis@gmail.com>]  
**Sent:** 04 April 2018 09:53  
**To:** Howell, Morgan P  
**Cc:** green keith; Tim Bird at Storage Design Limited; Kevin Irish; Dennis Clarke  
**Subject:** Re: Planning application for the Biomass incinerator - 2017/01080/FUL

### **Climate change allowances for the Biomass site**

Thank you for checking with NRW that the *Welsh Government guidance* gives details on the allowances that should be applied for sea level rise in locations where there is a tidal (coastal) flood risk. In regard to pluvial (surface) water flooding, We have no objection to your drainage people using a 30% uplift for rainstorm intensity compared with the 25% of the guidance.

The NRW' letter does not confirm your " not a matter that would need to be altered on the sea flooding information".

You would note that the applicant's flood risk assessment by RSK (2008/9) omitted any climate change allowance in its assessment of tidal levels.

- The RSK report took a precautionary approach, comparing site levels against the adjacent extreme outline to determine if the site is at risk of flooding. They said other adjacent sites have been identified as being not at risk from flooding, which is no longer true of the East Quay site.
- The EA supplied "stillwater tide levels" based on the Dixon & Tawn 1997 study, which do not take into account standard sea-level rise.
- RSK's letter to the EA of 24 June 2008, in view of the marginal flood risk, asked whether raising the lower end of the site by 300-600mm would be *adequate mitigation*. No written answer was forthcoming from the EA.
- Responsibility has now moved to the VoG as the Lead Local Flood Authority (LLFA) under the Flood and Water Management Act 2010, so this question is for your officers to determine. Flooding from the dock - classed as a watercourse – is in the LLFA ambit. It seems to us you cannot judge the '*adequate mitigation*' question on the existing information supplied by the applicant.

Friends of the Earth ask therefore that the Council as LLFA requires an update of the flood risk and consequences assessment, to take into account known sea-level rise since 1997 and under the standard predictions. Would you also suggest they include Q200 or Q1000 storm levels which RSK was unable to find in 2008?

Regards

Max Wallis 0778 333 0956

Friends of the Earth Barry&Vale

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On 7 March 2018 at 16:06, Howell, Morgan P <[MPHowell@valeofglamorgan.gov.uk](mailto:MPHowell@valeofglamorgan.gov.uk)> wrote:

Dear Mr. Wallis,

I have checked this matter with NRW and their response was recently received and can be viewed on the online register. Their view is that this guidance does not extend to pluvial (surface) water flooding and would not be a matter that would need to be altered on the sea flooding information. See attached comments that is exported online and I will be requesting amendments from the applicant in line with NRW's comments.

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

mob / sym:

e-mail / e-bost: [MPHowell@valeofglamorgan.gov.uk](mailto:MPHowell@valeofglamorgan.gov.uk)

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**From:** max wallis [mailto:[maxkwallis@gmail.com](mailto:maxkwallis@gmail.com)]  
**Sent:** 07 March 2018 09:17  
**To:** Howell, Morgan P  
**Cc:** green keith; Tim Bird at Storage Design Limited  
**Subject:** Re: Planning application for the Biomass incinerator - 2017/01080/FUL

Dear Mr Howell,

Thank you for your answer saying that you expect corrected information on drainage to be supplied.

Could you further say whether the sea-flooding information (RSK 2008/9 study re-submitted with the new plans) is to be reviewed and revised, to include similar uplift allowing for climate change, as that mentioned by the drainage engineer?

There are better assessments of sea level rise and seal level at Barry, also recent WG guidance <http://gov.wales/docs/desh/publications/160831guidance-for-flood-consequence-assessments-climate-change-allowances-en.pdf> for use from Dec.2016, which you could ask the applicants to follow.

Regards

Max Wallis 0778 333 0956

Friends of the Earth Barry&Vale

On 6 March 2018 at 17:58, Howell, Morgan P <[MPHowell@valeofglamorgan.gov.uk](mailto:MPHowell@valeofglamorgan.gov.uk)> wrote:

Dear Mr. Wallis,

The applicant is currently in correspondence with the Council's Drainage officer on the sustainable drainage system detail submitted initially. The Council are awaiting further information from the applicant on the matters raised by the Drainage engineer. Once this information has been amended and submitted the Councils drainage engineer will be able to provide further comments.

I hope this of some assistance,

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

mob / sym:

e-mail / e-bost: [MPHowell@valeofglamorgan.gov.uk](mailto:MPHowell@valeofglamorgan.gov.uk)

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**From:** max wallis [mailto:[maxkwallis@gmail.com](mailto:maxkwallis@gmail.com)]

**Sent:** 03 March 2018 20:56

**To:** Planning

**Cc:** green keith; Tim Bird at Storage Design Limited

**Subject:** Planning application for the Biomass incinerator - 2017/01080/FUL

We note the memo from Highways pointing out that "climate uplift" of 30% should be included, not the 20% assumed.

Does the company intend to amend its figures and drainage capacity in accordance with this and, if so, when will the amended figures be available?

The GHD Livigunn report is dated 12 July 2017. The figures cover the site area as then defined, not the new site area with carparking area outside that. Is that to be treated separately or together with the old site area?

Does groundwater upwell into the carparking area? Also, is there to be a bund to stop surface water flooding into this area ?

Please clarify this and if necessary ask for an amended report on the whole area, or a separate report on the additional area.

Max Wallis 0778 333 0956

Friends of the Earth Barry&Vale