

## Rees, Gail

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**From:** Patricia Osborne (Cardiff and Vale UHB - Director of Public Health Office)  
<Patricia.Osborne@wales.nhs.uk>  
**Sent:** 21 March 2018 12:29  
**To:** Howell, Morgan P  
**Cc:** 'Paul.Callow@phe.gov.uk'; Chemicals Cardiff; Publichealth Environment (Public Health Wales); Huw Brunt (Public Health Wales - No. 2 Capital Quarter); Fiona Kinghorn (Cardiff and Vale UHB - Public Health Wales)  
**Subject:** RE: 2017\_01080\_FUL Barry Port Biomass Plant, David Davies Road, Barry

Dear Morgan

We think that approach is acceptable.

Best wishes

Fiona

Fiona Kinghorn  
Deputy Director of Public Health / Dirprwy Gyfarwyddwr Iechyd Cyhoeddus  
Cardiff and Vale University Health Board / Bwrdd Iechyd Prifysgol Caerdydd a'r Fro  
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**From:** Howell, Morgan P [mailto:MPHowell@valeofglamorgan.gov.uk]  
**Sent:** 21 March 2018 09:38  
**To:** Patricia Osborne (Cardiff and Vale UHB - Director of Public Health Office)  
**Subject:** RE: 2017\_01080\_FUL Barry Port Biomass Plant, David Davies Road, Barry

Hi Fiona/Patricia,

Thanks for your response. From your email can I take it that if I condition any planning permission for the development to ensure that the pump is only tested during daylight hours you would have no objections to the proposal? I would assume daylight hours are 8am until 6pm?

Kind regards

Morgan Howell  
Senior Planner (Development Control) / Uwch Gynllunyydd  
Regeneration and Planning / Adfywio a Chynllunio  
Vale of Glamorgan Council / Cyngor Bro Morgannwg  
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**From:** Patricia Osborne (Cardiff and Vale UHB - Director of Public Health Office)  
[<mailto:Patricia.Osborne@wales.nhs.uk>]

**Sent:** 21 March 2018 09:34

**To:** Howell, Morgan P

**Cc:** 'Paul.Callow@phe.gov.uk'; Chemicals Cardiff; Publichealth Environment (Public Health Wales); Huw Brunt (Public Health Wales - No. 2 Capital Quarter)

**Subject:** RE: 2017\_01080\_FUL Barry Port Biomass Plant, David Davies Road, Barry

Dear Morgan

Thank you for the additional information.

I have sought advice from colleagues in PHW/PHE. The information supplied by the applicant identifies the noise levels and exhaust emissions from the fire water pump, however it does not make an assessment of the impact that this pump will have on nearby receptors; without this information we are unable to carry out a full public health risk assessment.

It appears that the fire water pump will only be operating intermittently, potentially reducing any risk to the health of local residents. We are reassured by the applicant's statement that the emissions from the fire water pump will comply with the conditions of the environmental permit. To mitigate the potential for noise nuisance we would suggest controls be placed on the operation of the pump, limiting testing to day-time hours only.

Regards

Fiona

Fiona Kinghorn

Deputy Director of Public Health / Dirprwy Gyfarwyddwr Iechyd Cyhoeddus  
Cardiff and Vale University Health Board / Bwrdd Iechyd Prifysgol Caerdydd a'r Fro  
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**From:** Howell, Morgan P [<mailto:MPHowell@valeofglamorgan.gov.uk>]

**Sent:** 19 March 2018 13:35

**To:** Publichealth Environment (Public Health Wales); Patricia Osborne (Cardiff and Vale UHB - Director of Public Health Office)

**Subject:** FW: 2017\_01080\_FUL Barry Port Biomass Plant, David Davies Road, Barry

Dear Ms. Osborne,

Following your most recent email regarding the information attached to the fire pump house and water tank, I have gone back to the developer and have received the reply below and the attached specification on the fire pump engines.

From a quick look there is not a noise impact assessment of the pumps on nearby receptors but there is specific noise data and they have indicated that the pumps would only be used at emergency situations. In view of this, would you be able to provide me with final comments on this proposal and whether you would have any concerns on the potential noise from the pumps?

Thanks

Morgan Howell  
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**From:** Douglas Wardle [<mailto:douglas@powerconsultingmidlands.com>]

**Sent:** 15 March 2018 10:14

**To:** Howell, Morgan P

**Subject:** RE: 2017\_01080\_FUL Barry Port Biomass Plant, David Davies Road, Barry

Hi Morgan, I have looked into the questions raised by Public Health Wales and here is the supplemental feedback for the pumphouse engine used (Model 8x6x13 DLC JU6H-UF54/3000rpm):

The fire pump house contains duty standby diesel driven fire-water pumps. The pumps only operate during an emergency or when tested (weekly during daytime). There is an electrically driven jockey pump to maintain fire main pressure. The diesel engines are fitted with silencers located within the fire pump house kiosk and the exhaust exits vertically from the side of the building. Attached is more detailed information about the installation including noise data (at page 4 of 6) and emissions data (at page 5 of 6).

We have separately consulted with Sol Environmental who prepared the application for the Project's Environmental Permit and they have advised that while the pump will operate only rarely (principally when being tested periodically) and all levels stated with the Environmental Permit will be met on such occasions. Accordingly, it is expected that the use of the pump will not adversely impact the receptors mentioned by Public Health Wales.

Kind regards

Douglas

**Douglas Wardle**

Power Consulting Midlands Ltd

Email : [douglas@powerconsultingmidlands.com](mailto:douglas@powerconsultingmidlands.com)

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**From:** Howell, Morgan P <[MPHowell@valeofglamorgan.gov.uk](mailto:MPHowell@valeofglamorgan.gov.uk)>  
**Sent:** 07 March 2018 15:12  
**To:** Douglas Wardle <[douglas@powerconsultingmidlands.com](mailto:douglas@powerconsultingmidlands.com)>  
**Subject:** FW: 2017\_01080\_FUL Barry Port Biomass Plant, David Davies Road, Barry

Dear Douglas,

PHW have provided the attached response. They have indicated that the information does not identify noise levels, atmospheric emissions and no assessment has been made on nearby receptors.

Can you provide the necessary information for PHW to comment on the potential impacts of the new buildings and come back to me.

Thanks

Morgan Howell  
Senior Planner (Development Control) / Uwch Gynllunyydd  
Regeneration and Planning / Adfywio a Chynllunio  
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**From:** Patricia Osborne (Cardiff and Vale UHB - Director of Public Health Office)  
[\[mailto:Patricia.Osborne@wales.nhs.uk\]](mailto:Patricia.Osborne@wales.nhs.uk)  
**Sent:** 07 March 2018 14:55  
**To:** Howell, Morgan P  
**Cc:** Chemicals Cardiff; Publichealth Environment (Public Health Wales); 'Deborah Purnell'  
**Subject:** RE: 2017\_01080\_FUL Barry Port Biomass Plant, David Davies Road, Barry

Good afternoon Mr Howell

Please find attached our response from Fiona Kinghorn, for your attention. Please note a hard copy will not follow.

Regards

Trisha

## Patricia Osborne

Executive Assistant to Director of Public Health & Director of Therapies and Health Science / Cyfarwyddwr Gweithredol Iechyd Cyhoeddus / Cyfarwyddwr Gweithredol Therapiau a Gwyddor Iechyd  
Cardiff and Vale University Health Board / Bwrdd Iechyd Prifysgol Caerdydd a'r Fro  
Executive Headquarters / Pencadlys  
University Hospital of Wales / Ysbyty Athrofaol Cymru  
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**From:** Howell, Morgan P [<mailto:MPHowell@valeofglamorgan.gov.uk>]

**Sent:** 28 February 2018 14:43

**To:** Patricia Osborne (Cardiff and Vale UHB - Director of Public Health Office)

**Cc:** Chemicals Cardiff; Publichealth Environment (Public Health Wales); 'Deborah Purnell'; Fiona Kinghorn (Cardiff and Vale UHB - Public Health Wales)

**Subject:** FW: 2017\_01080\_FUL Barry Port Biomass Plant, David Davies Road, Barry

Dear Ms. Osborne,

Further to your comments on the above mentioned variation to the planning permission at David Davies Road.

I have asked the agent to consider your concerns regarding emissions and noise at the pump house and they have come back to me with the email below and the specification attached to the email. If you could come back to me on the updated information within 21 days I would be grateful.

Kind regards

Morgan Howell

Senior Planner (Development Control) / Uwch Gynllunyydd

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**From:** Douglas Wardle [<mailto:douglas@powerconsultingmidlands.com>]

**Sent:** 28 February 2018 14:22

**To:** Howell, Morgan P

**Subject:** 2017\_01080\_FUL Barry Port Biomass Plant, David Davies Road, Barry

Morgan, I have now received feedback in respect of the query from Public Health Wales relating to the pumphouse generator.

The contractors have provided the attached specification for the generator and have also commented as follows:

- The fire pump house contains duty standby diesel driven fire-water pumps.
- The pumps only operate during emergency or when tested (weekly during daytime).
- There is an electrically driven jockey pump to maintain fire main pressure.
- The diesel engines are fitted with silencers located within the fire pump house kiosk.
- The exhaust exits vertically from the side of the building.

Note that the attached specification has been extracted from a much larger document of 208 pages so if more detail is needed, this can be provided.

If Public Health Wales have any further questions then by all means send them over.

Kind regards

Douglas

**Douglas Wardle**

Power Consulting Midlands Ltd

Email : [douglas@powerconsultingmidlands.com](mailto:douglas@powerconsultingmidlands.com)

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**From:** Howell, Morgan P [<mailto:MPHowell@valeofglamorgan.gov.uk>]

**Sent:** 22 February 2018 14:25

**To:** Douglas Wardle <[douglas@powerconsultingmidlands.com](mailto:douglas@powerconsultingmidlands.com)>

**Subject:** FW:

Hi Douglas,

Sorry for delay, I have not been work for around a week and half due to illness.

Please see response from Public Health Wales regarding the application. Could you view the comments made with respect to public health risk assessment and noise and fumes from the plant installed at the pump house and provide a response and any relevant information for the council to inform the consultee.

Kind regards

**Morgan Howell**

Senior Planner (Development Control) / Uwch Gynllunydd

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**From:** Robinson, Ian  
**Sent:** 22 February 2018 09:13  
**To:** Howell, Morgan P  
**Subject:** FW:

Ian Robinson  
Principal Planner / Prif Gynllunyydd Ceisiadau  
Regeneration and Planning / Adfywio a Chynllunio  
Vale of Glamorgan Council / Cyngor Bro Morgannwg  
tel / ffôn: 01446 704777  
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**From:** Robinson, Victoria L  
**Sent:** 21 February 2018 16:09  
**To:** Robinson, Ian  
**Subject:**

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