From: Hannah Powell <hannah.powell@adur-worthing.gov.uk> on behalf of Hannah Powell
Sent: 14 January 2022 09:23
To: Carol Murphy; Peter Barnett
Subject: Re: AWDM/2208/21 Shoreham Centre air source heat pumps

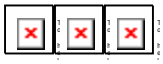
Flag Status: Flagged

Hi Carol and Peter
Carol, many thanks for confirming this.
Peter, I am satisfied that noise from the ASHP will not cause significant noise disturbance to the surrounding residential dwellings, but I would recommend a condition limiting the use to 4 ASHPs between the hours of 23:00hrs - 07:00hrs.
Regards
Hannah

On Thu, 13 Jan 2022 at 15:06, Carol Murphy <carol.murphy@adur-worthing.gov.uk> wrote:

> Hi Hannah,
>
> Apologies, was getting some input from the designer/contractor on this point. The system is designed as a bi-valent system with the existing gas system staying in place. There will also be insulated buffer vessels installed which will allow for some heat to be retained overnight in preparation for the next day's heating requirements. On particularly cold days, the gas system is likely to do the bulk of the heating and the combination of this and the buffer vessels means that all 6 ASHPs working from 7am for a centre opening time of 9am should be sufficient. We also wouldn't expect the 4 ASHPs on during nighttime hours to be working at full power as they will just be operating to maintain the temperature in the buffer vessels.
>
> I hope this clears it up for you, but please let me know if you'd like further details on this.
>
> Kind regards,
>
> Carol

Carol Murphy
Project Manager (Carbon Reduction), Adur & Worthing Councils
Phone: 07584 312158
Email: carol.murphy@adur-worthing.gov.uk
Website: www.adur-worthing.gov.uk
Address: Sustainability & Carbon Reduction Team, Worthing Town Hall, Chapel Road, Worthing, West Sussex, BN11 1HA



On Wed, 12 Jan 2022 at 09:58, Hannah Powell <hannah.powell@adur-worthing.gov.uk> wrote:

> Hi Carol
> Thank you for responding so quickly to my query.

Do you know what time the ASHPs will need to come on in the morning to ensure the council offices and citizen advice is sufficiently heated when they open to staff in the morning?
Many thanks
Hannah

On Tue, 11 Jan 2022 at 15:14, Peter Barnett <peter.barnett@adur-worthing.gov.uk> wrote:

Hi Hannah

Response below

Peter Barnett
Principal Planning Officer, Adur & Worthing Councils
Phone: 01903 221310
Email: peter.barnett@adur-worthing.gov.uk
Website: http://www.adur-worthing.gov.uk
Address: Development Management, Portland House, 44 Richmond Road, Worthing, BN11 1HS

---------- Forwarded message ---------
From: **Carol Murphy** <carol.murphy@adur-worthing.gov.uk>
Date: Tue, 11 Jan 2022 at 15:12
Subject: Re: AWDM/2208/21 Shoreham Centre air source heat pumps
To: Peter Barnett <peter.barnett@adur-worthing.gov.uk>

Hi Peter,

The current set-up of heating for the building is 2 plant rooms (one for the new side of the building and one for the old side) plus one boiler in the cafe area. The new set-up will be 2 ASHPs feeding the new plant room and 4 ASHPs feeding the old plant room and cafe. The new side of the building covers the council offices and Citizens Advice Bureau which close at 5pm whereas the old side of the building is the Community Trust side who have advised that the building is sometimes open until 12.30am at weekends. Therefore it was considered that only 4 of the 6 ASHPs would be operating during nighttime hours past 11pm.

Kind regards,

Carol

Carol Murphy
Project Manager (Carbon Reduction), Adur & Worthing Councils
Phone: 07584 312158
Email: carol.murphy@adur-worthing.gov.uk
Website: www.adur-worthing.gov.uk
Address: Sustainability & Carbon Reduction Team, Worthing Town Hall, Chapel Road, Worthing, West Sussex, BN11 1HA

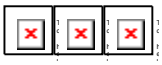
On Tue, 11 Jan 2022 at 15:05, Peter Barnett <peter.barnett@adur-worthing.gov.uk> wrote:

Hi Carol

Response from Env Health below. Please can you answer Hannah's question?

Thanks

Peter Barnett
Principal Planning Officer, Adur & Worthing Councils
Phone: 01903 221310
Email: peter.barnett@adur-worthing.gov.uk
Website: http://www.adur-worthing.gov.uk
Address: Development Management, Portland House, 44 Richmond Road, Worthing, BN11 1HS



---------- Forwarded message ---------
From: **Hannah Powell** <hannah.powell@adur-worthing.gov.uk>
Date: Tue, 11 Jan 2022 at 15:02
Subject: AWDM/2208/21 Shoreham Centre air source heat pumps
To: Peter Barnett <peter.barnett@adur-worthing.gov.uk>

Peter
Thank you for forwarding the BS 4142 SOUND ASSESSMENT (Ref. 2442W-SEC-00001-01 dated Dec 2021) for the above site.

This assessment monitored existing noise levels and modelled the impact of the proposed air source heat pumps at the nearest noise sensitive dwellings. The assessment indicates there will be no negative effect on the nearest noise sensitive dwellings during the daytime or night time periods.

There is one point that I would like clarified, why were only 4 ASHPs modelled during nighttime hours rather than 6?

Regards
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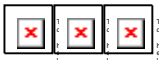
Hannah Powell
Environmental Health Technician, Adur & Worthing Councils
Phone: 01273 263357
Email: hannah.powell@adur-worthing.gov.uk
Website: http://www.adur-worthing.gov.uk/
Worthing Town Hall, Chapel Road, Worthing, West Sussex, BN11 1HA



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Hannah Powell
Environmental Health Technician, Adur & Worthing Councils

Phone: 01273 263357
Email: hannah.powell@adur-worthing.gov.uk
Website: http://www.adur-worthing.gov.uk/
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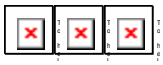

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Hannah Powell
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