

**From:** Eve Warwick <eve.warwick@quod.com>  
**Sent:** 20 July 2026 14:29:50 UTC+01:00  
**To:** "Pickles, Kate" <Kate.Pickles@Knowsley.gov.uk>  
**Cc:** "Adam Cornish" <adam.cornish@quod.com>  
**Subject:** 25/00556/COND3 - Condition 14 (Air source heat pumps)  
**Attachments:** 25.00556.COND3 Unit G2, Sovereign Industrial Park, Wilson Road, Huyton.docx

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Hi Kate,

Please find below our response (in red) to the comments attached.

1. Are the air source heat pumps going to be positioned in the plant zone, as detailed on the site plan?  
**Yes**
2. The specifications for the air source heat pumps identify two types, which ones will be fitted to the store or is it a combination of both? **The Mitsubishi Electric PUZ-ZM250 version will be used. This is specified in the covering letter.**
3. Will the air source heat pumps all be running at the same time, what is the accumulative sound pressure level? Will they be running continuously 24hrs? **The ASHP may all run at the same time but only if required. The ASHP will only run during the stores opening hours.**
4. Please provide evidence that the air source heat pumps are 5dB below the background noise level. **The proposed Mitsubishi Electric PUZ-ZM250 has a published sound pressure level of 59 dB(A) in cooling and 62 dB(A) in the spec. The manufacturer's acoustic test is made at a standard position approximately 1m from the unit, as shown in the noise criteria diagram. The background noise in the Tetra Tech report is 45.1–60.3 dB(A) LAeq at the residential receptors. The nearest residential receptors are over 150 metres from the location of the ASHPs.**

Kind regards,  
Eve

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