From: [redacted]
Sent: 20 October 2025 09:45
To: [redacted]
Subject: Re: EPR/KP3426SG/A001 We Need More Information About Your Application CRM:0297164

Hi Liz,

I hope you had a lovely weekend.

Apologies for the delay fan speed is 5m/s

Please do let me know if you need anything further

Kind regards

Elaine

Sent from my iPhone

On 16 Oct 2025, at 13:38, [redacted] wrote:

👍 Liz Topping reacted to your message:

From: Elaine Marshall [redacted]
Sent: Thursday, October 16, 2025 12:27:40 PM
To: Liz Topping <[redacted]
Subject: Re: EPR/KP3426SG/A001 We Need More Information About Your Application CRM:0297164

Warning: The sender of this message could not be validated. Please use caution when opening any message content such as attachments or links

Hi Liz,

This one was originally done by my colleague who is now on maternity leave and I wasn't involved in the preapplication screening or the ammonia modelling - I will need to track back on this one - I will let you know asap.

Many thanks

Elaine

16/10/2025 12:58, Liz Topping wrote:

Hi Elaine,

One last question on Fir Tree Farm, you say the southern houses have medium velocity fans. To quality as medium velocity fans for the pre-application screening the vents need to be higher than 3.5m with a fan efflux velocity of > 2m/s. Within your detailed ammonia modelling report, you say the height is 5m and the efflux velocity is 0.1m/s (see screenshot below)?

Table 3a. Point source parameters

Source ID	Height (m)	Diameter (m)	Efflux velocity (m/s)	Emission temperature (˚C)	Emission rate per source (g-NH_3/s)
S1 1, 2 & 3	5.0	2.0	0.1	Variable [1]	0.015954
S2 1, 2 & 3	5.0	2.0	0.1	Variable [1]	0.015954

1. 21 Celsius or ambient temperature, whichever is the higher.

What is the efflux velocity of these fans please?

Thanks

Liz