

Victoria Perkins
Minerals and Waste Planning Manager

Jon Kelly
Westfield Farm
Westfield Lane
Tockwith
YO26 7PW

Planning Application NY/2009/0176/FUL. Demolition of existing warehouse and erection of energy from waste facility with associated air cooled condensers and chimney stack, provision of new weighbridge, drum store, electricity sub-station, new means of enclosure and access gates, car parking and landscaping at 86 Marston Business Park, Tockwith

Dear Ms Perkins,

I am writing to object to the above application on the grounds that the application has overlooked the unusual weather conditions that frequently affect Tockwith. I understand that these conditions may invalidate the air modelling undertaken by BCB.

Two weather advisors at the government Met Office have confirmed to me in writing that Tockwith is “**particularly susceptible**” to Temperature Inversions. (A full copy of my correspondence with the Met Office accompanies this letter).

Each year Tockwith experiences prolonged periods of exceptionally calm conditions, these are predominately in winter and can last for as long as two to three weeks. I have lived in several areas around the country but have never experienced similar conditions elsewhere. This was unusual enough for me to feel the need to investigate and my research identified Temperature Inversions as being the cause.

I include the picture below as it graphically conveys my concerns regarding the above application.



The picture shows the pollution created by what appears to be a modest bonfire however I am extremely concerned that, in the case of an incinerator and lorry emissions, we could be locked in with much more concentrated and hazardous pollutants. Obviously the incinerator emissions would be invisible but with 24/7 operation it would build up and could be severely detrimental to health, particularly to high risk groups such as children, the elderly and others who rarely leave the village during the week.

I have also raised this with the Environmental agency and am awaiting a response.

Given that Tockwith is subject to this local weather phenomenon I also wish to challenge the applicability of the weather records used by BCB for their modelling. I assume these are based on records from RAF Leeming, which unlike Tockwith is not in a valley.

Finally, could you please advise whether NYCC will be undertaking independent expert analysis of the technical information in BCB's application?

Yours sincerely

Jon Kelly

Jon Kelly

Appendix A – Full email exchange from the Government Met Office

Dear Jon,

Thank you for your further email.

Yes it would apply to Tockwith, near Wetherby.

I hope that this helps.

Kind Regards,

Tim Hill

Weather Desk Advisor
Met Office, FitzRoy Road, Exeter, Devon, EX1 3PB, United Kingdom.
Tel: 0870 900 0100 Fax: 0870 900 5050 Email: enquiries@metoffice.gov.uk
<http://www.metoffice.gov.uk>

Met Office climate change predictions can now be viewed on Google Earth
<http://www.metoffice.gov.uk/climatechange/guide/keyfacts/google.html>

Your personal details will be stored in our database. The information will not be passed to any third parties. Please advise us if you do not wish your details to be stored. The Met Office is an Executive Agency of the UK Ministry of Defence and is registered under the Data Protection Act 1998.

----- **Original Message** -----

From: jon <jon@jkk.ndo.co.uk>
To: "<enquiries@metoffice.gov.uk>"
Date: Tue, 12 May 2009 12:27:00 +0100
Subject: **RE: Temperature Inversion Question**

Hi Suzanne,

You mention the Vale of York generally but would this apply specifically to Tockwith as well?

Thanks

Jon

-----Original Message-----

From: Suzanne Bates [mailto:enquiries@metoffice.gov.uk]
Sent: 12 May 2009 11:33
To: Jon Kelly
Subject: re: Temperature Inversion Question

Dear Jon,

Thank you for your email.

Periods of quite calm weather, frosty, foggy or both are indeed associated with temperature inversions at the surface, and as the sun is quite weak, they are often difficult to break down, unless you get some increase in wind to mix the air and therefore break down the inversion.

The Vale of York, being a valley is particularly susceptible to this as the cold air sinks into the valley and helps to set up the inversion.

I hope this helps.

Kind Regards,

Suzanne.

Weather Desk Advisor

Met Office, FitzRoy Road, Exeter, Devon, EX1 3PB, United Kingdom.

Tel: 0870 900 0100 Fax: 0870 900 5050 Email: enquiries@metoffice.gov.uk
<http://www.metoffice.gov.uk>

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----- **Original Message** -----

From: jon <jon@jfk.ndo.co.uk>
To: "<enquiries@metoffice.gov.uk>"
Date: Tue, 12 May 2009 11:14:00 +0100
Subject: Temperature Inversion Question

Hi,

I live in Tockwith, a small village in the Vale of York, between Wetherby and York.

Every year we seem to have long spells of very calm weather, sometimes lasting for two or three weeks, usually in the winter months.

I would be very interested to know whether the Vale of York, and Tockwith could ever be subject to temperature inversions and if so how often they are likely to happen and whether these could be linked to the calm periods mentioned above.

I am undertaking some research on the subject and would be very grateful for your views.

Many Thanks

Jon Kelly

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Version: 8.5.325 / Virus Database: 270.12.25/2109 - Release Date: 05/11/09 16:14:00

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Version: 8.5.325 / Virus Database: 270.12.25/2109 - Release Date: 05/11/09 16:14:00