

23 JUNE 2014

Mr D B Maskell  
Blagdon  
North Somerset

Dear Mr Maskell

**Re: Planning Application No. WSCC/083/13/KD - Installation of a well and associated infrastructure, including access road and soil bunds, for the drilling of a vertical borehole and contingent horizontal borehole from the same well for the exploration, testing and evaluation of hydrocarbons for a temporary period of three years on Land south of Boxal Bridge, Northup Field, Wisborough Green, West Sussex, RH14 0DD**

**Our Ref: LGW2683**

Thank you for your email dated 18 June 2014, regarding the above mentioned planning application.

I would like to address each of the points you raised as follows:

**The 30km Wind Turbine Safeguarding Circle**

Our safeguarding area for wind turbines stretches out to 30km from the Aerodrome Reference Point (ARP), this is because the rotating movement of the wind turbine blades over a certain height can still be picked up by Gatwick radar out to this distance. The rotating action of the blades can cause distortion to the radar screens. Whereas other lower more static structures, at this distance will not have the same effect.

NATS En Route Ltd (NERL) have assessed the proposals with regard to radar and have not objected, their email can be found on the West Sussex County Council website.

**The 15km Safeguarding Circle**

Under CAA Publication CAP168 'Licensing of Aerodromes', officially safeguarded aerodromes, of which Gatwick is one, are required by law to safeguard a set of Obstacle Limitation Surfaces (OLS). These surfaces comprise of the Transitional Surface, Approach & Take off Climb Surfaces, The Inner Horizontal Surfaces, the Conical Surfaces and the Outer Horizontal Surface.

# YOUR LONDON AIRPORT

## *Gatwick*

We are required by law to safeguard Gatwick Operations for 'physical' structures out to the edge of the Outer Horizontal Surface which extends to 15km from the Aerodrome Reference Point (ARP) which is centred on the main runway. The site in question at Wisborough Green is 26.7km SW of the ARP, therefore it is some distance outside of our Obstacle Limitation Surfaces (OLS).

In CAA Publication CAP738 'Safeguarding of Aerodromes', page 7, section 5.7, para g and section 5.8, it mentions consultations that fall outside of the safeguarding area, of which this is one:

**5.7 g) 'Consultations which fall outside the safeguarded area. If a proposal is sent to you for consultation but the development falls outside your safeguarded area, it may be appropriate for you to advise the consulter to seek the comment of the Ministry of Defence (MoD), National Air Traffic Services (NATS) or Directorate of Airspace Policy (DAP)'.**

**5.8** *If the proposed development does not infringe an obstacle limitation surface and there are no associated issues as detailed in 5.7, a response should be sent to the LPA or developer indicating that you have no safeguarding objections to the proposed development.*

With regard to the airport advising West Sussex County Council to consult the Ministry of Defence and NATS. NATS have already lodged their own consultation map with WSCC so will be automatically consulted and have not objected in this case. The MOD will have also lodged their own consultation map with WSCC if appropriate.

The Directorate of Airspace Policy (DAP) will only need to be consulted if the proposed development infringes one of the Obstacle Limitation Surfaces (OLS) close into the runway or are located on the extended runway centreline, which this doesn't as it falls some distance outside of the OLS.

### **Lighting**

Lighting proposed at this distance would not cause any issues for aircraft arriving and departing at Gatwick Airport as they would be too high at this point for lighting to have any impact.

Please be assured that the proposed development has been assessed correctly and does not conflict with aerodrome safeguarding criteria relating to Gatwick Airport.

Yours sincerely

YOUR LONDON AIRPORT  
*Gatwick*

Amanda Purdye, Aerodrome Safeguarding  
For and on behalf of Gatwick Airport Limited

Email: [gal.safeguarding@gatwickairport.com](mailto:gal.safeguarding@gatwickairport.com)