

William Cundiff

From: Les Stevens [les.stevens421@gmail.com]
Sent: Monday, December 06, 2010 10:50 AM
To: William Cundiff
Cc: Bob Anders; Chad Pepin; Adelle Reynolds; Steve Zisk
Subject: Douglas Turbine Windfarm - Summary of Requested Conditions

Hi Bill,

Per our discussion, below is a summary of requested conditions from residents and abutters to the Planning Board to review and to consider. This Wind Turbine project is a very unique project for our area, which requires a lot of investigation and research by all involved. So I hope this list makes the site plan review process a little easier on the Planning Board members and others involved.

Please let me know if we are still schedule for December 14th at 7pm.

Thanks,
-Les Stevens

A.) Safety (Fire Protection)

1. On-site water storage tank supply to approved by Douglas & Webster newly acting Fire Chiefs.
2. On-site fire sensors/alarm system - to be hard wired to both Douglas & Webster Fire Dept.
3. Reimburse for both Douglas & Webster Fire Dept for operational cost related to site (per call basis)
4. Nordex - Manual page-52 ("FALLING TURBINE PARTS In case of a fire in the nacelle or on the rotor, parts may fall off the wind turbine. In case of a fire, nobody is permitted within a radius of 500 m from the turbine." **(Previously submitted)**)

B.) Property Value

1. Property value guarantee Agreement Surety **(Previously submitted)**
2. Lightning Strike protection insurance policy (wells, houses, electronics)
3. Lightning Strike Relief Plan

C.) Drinking Water

1. Surety related to Public drinking water supply
2. Health & Wellness via drinking water Surety
3. Surety related to Well water contamination plan - to include access/connection to town public water supplies.

D.) Safety (Setbacks/ Public Health)

1. Setbacks to include the Blade Radius measurement, not pole measurement **(Previously submitted)**
2. Fall Zone area restriction (See A-4 above) - similar to Town of Douglas has 3 Cellphone Towers conditions (Two towers of which if fell over would only impact their property, the 3rd Tower owner was required to get a letter of consent from abutter since the tower could physical impact abutter's property) **(Previously discussed)**
3. Consideration for additional setbacks related to public safety to be set by Planning Board.
4. Establish Fence High to be minimum of 7 feet around each turbine
5. Surety related to Health & Wellness via Shadow Flicker effect
6. Shadow Flicker Limitations Requirements **(Previously discussed)**

E.) Environmental (chemicals/blasting)

1. An Independent Agency (approved by Town of Douglas) to perform pre-blasting well water testing of 3,000

foot around the parcel.

2. Establish a well water impact plan to follow Federal Clean Drinking Water guidelines established by EPA.

3. Initial List of 50 Restricted Toxic Chemicals on the site: Perchlorate, Perfluorooctane sulfonic acid, Pentabromodiphenyl ether, Chlordecone, Octabromodiphenyl ether, Lindane, Alpha-hexachlorocyclohexane, PFOS, Beta-hexachlorocyclohexane, Pentachlorobenzene, Hexabromobiphenyl, Hydraulic oil, Sulfuric acid, Sulphuric acid, Nitric acid, Ethylene glycol, Methyl alcohol, dimethylsulfoxide, Carboxylic acid, Hydrochloric acid, Chlorine dioxide, Hypochlorite, Nitrogen trichloride, chloramine, Sodium hypochlorite, Potassium nitrate, Potassium hydroxide, Sodium hydroxide, Mercury(II) fulminate, Nitrogen trichloride, Nitrogen triiodide, etc.

F.) Noise Protection

1. Noise Limitation (dbs restriction)

2. Speed restriction (22mphs - similar to Cape) to be measured from blade tips

3. Noise sensor system - established penalties/fine by Planning Board