HANDOUT 1

<u>HB1198</u>

Sec. 10

Larsen and Madsen 2000; Desholm and Kahlert 2005, Stewart et al. 2005, Larsen and Guillemette 2007, Masden et al. 2009, Fijn et al. 2012, Rees 2012

- Turbines should not be placed in agricultural fields where large concentrations of ducks, geese and other migratory birds commonly forage.
- Turbines should not be placed within two miles of major roost sites.
- Turbines should not be placed on flight corridors used by birds from roost sites to foraging fields.

Keith Stelling, MA, MNIMH, Dip. Phyt., MCPP, Friends of Arran Lake, Central Bruce-Grey Wind Concerns Ontario

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Advice of international biologists

Repeatedly biologists around the world have stated the obvious and simple warning: industrial wind turbines must be kept well away from sensitive natural habitats, including important migratory corridors.

- "Avoid locating wind farms in regional or internationally important bird or bat areas and/or migration routes". Everaert and Kuijken 2007.
- "Developers should avoid sites that are important to wildlife". Dr. Mark Avery, Royal Society for the Protection of Birds, U.K.
- "Wind turbine developments should not be placed within 1000 meters of waterfowl roost sites; not be placed within 1 kilometre of staging areas; not be placed in flight corridors between roosts and feeding grounds; not be placed on major migratory corridors, and not be erected in areas where the wind turbine development +500 m buffer zone occupies more than 1% of the known feeding areas at a site; not be placed in agricultural fields traditionally used by large flocks of waterfowl". Bjarke Laubek, M.Sc., Waterfowl Biologist with extensive experience working on waterfowl and turbine placement in Denmark.
- "Wind turbine developments should not be sited near populations of birds of conservation importance, particularly Anseriformes". Stewart, et al. 2004.
- "Avoid placing turbines in documented locations of protected wildlife, known local bird migration pathways or near wetlands and staging areas and avoid known daily

movement flyways between roosting and feeding areas, as well as bat breeding and nursery colonies or migration corridors. - U.S. Fish and Wildlife Service.

• "Wind turbine developments must no longer be built in any natural areas". - Spanish Ornithological Society.

10.00

 "If we are to save our emblematic bird species from this new threat, it is urgent to impose a moratorium on windfarm construction and to call for a fully independent commission to investigate the whole windfarm matter, starting with the effectiveness of this intermittent, unreliable, and ruinous form of energy". – Mark Duchamp, Save the Eagles International.