

# Wainfleet Wind Energy Project: Study Area Map for Renewable Energy Approval (REA) Consultation Purposes

The proposed Wainfleet Wind Energy Project is located in south-western Ontario, in the Township of Wainfleet, in Niagara Region. The Study Area is located south of the community of Wainfleet, north of the communities of Burnaby and Long Beach, and the community of Ostryhon Corners is located within the Study Area.

More specifically, the Study Area is bound by:

- Side Road 30
- CNR Rail Line
- Brawn Line Road
- Lakeshore Road
- Burnaby Road
- Regional Road #3 (Corners Road)
- Wilson Road

The landscape of the Study Area consists of an area of approximately 3400ha and is generally agricultural in land use. Project components will be installed on privately-owned agricultural lots within the study area. The land inside the project area is mostly flat, with an elevation of 174 m to 182 m above mean sea level. Within the study area, streams are relatively small, some only seasonal. No major rivers are found in the study area.

There are some large drains in which water remains year round. All wind turbines are to be placed in open agricultural fields within the required setbacks from residences, natural heritage, water, and other features required under the REA. Most of these fields are tilled and planted seasonally with crops such as corn, oats, and soybeans. Field sizes vary considerably. The landscape is fragmented with open fields, roads, fences, planted crops and vegetation, and settlement areas.



**\*Black dots on map indicate locations of communities not turbine locations.**