Visual Simulation Notes:

and associated clearing.

Technical Information

LandWorks.

Photoshop CS5

1. Visual simulation is based on GIS data

available at the time from USGS Na-

tional Elevation Data Set and Antrim Wind Energy. Data is only as accurate as the original source and is not guaranteed by

2. This simulation depicts turbines, as well as

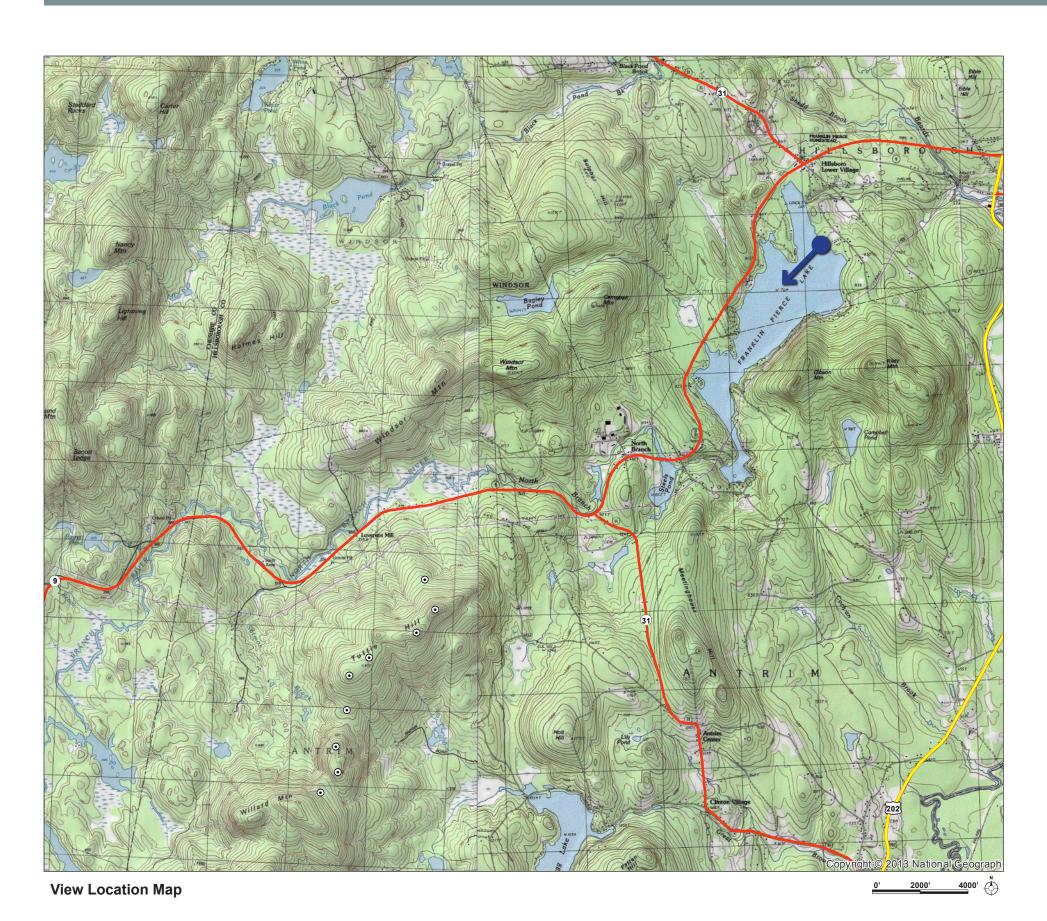
visibility of access roads, collector lines,

Software: ArcGIS ArcMap 10; Nemetschek VectorWorks 2015; SketchUp Pro 8; Adobe

Digital elevation data source: USGS National

Elevation Dataset (NED) 1/3 arc-second

ANTRIM WIND VISUAL ASSESSMENT January 2016



Simulation Information

Base Photograph

Date: 7/2/14 Time: 12:37 pm

Weather conditions: Partly sunny Image Size: 5472 x 3648 pixels

Camera Properties Camera Make/Model: Canon EOS 6D

Sensor Dimensions: 35.8mm x 23.9mm Lens Make/Model: Canon EF 50mm Lens Focal Length: 50mm Focal Length (35mm Equivalent): 52mm Approx. Angle of View: 40° horizontal, 27° vertical Camera Height: 5 ft (1.5 meters)

View Location Information

View Location Name: Exhibit 7

Location: Northeast shore of Franklin Pierce Lake Orientation: South/Southwest

Latitude/Longitude: 43.106055°, -71.945872° Camera elevation above sea level: 764 ft (233.0m) Simulation viewing distance: 21.3 in (54.102 cm) Distance to nearest visible turbine: 4.10 miles (6.60 km)

Distance to furthest visible turbine: 5.87 miles (9.44 km)

Turbine Information

Model: Siemens SWT 3.2 / 113

Hub height: T1 - T8 303'-6" (92.5 m) T9 260'-10" (79.5 m)

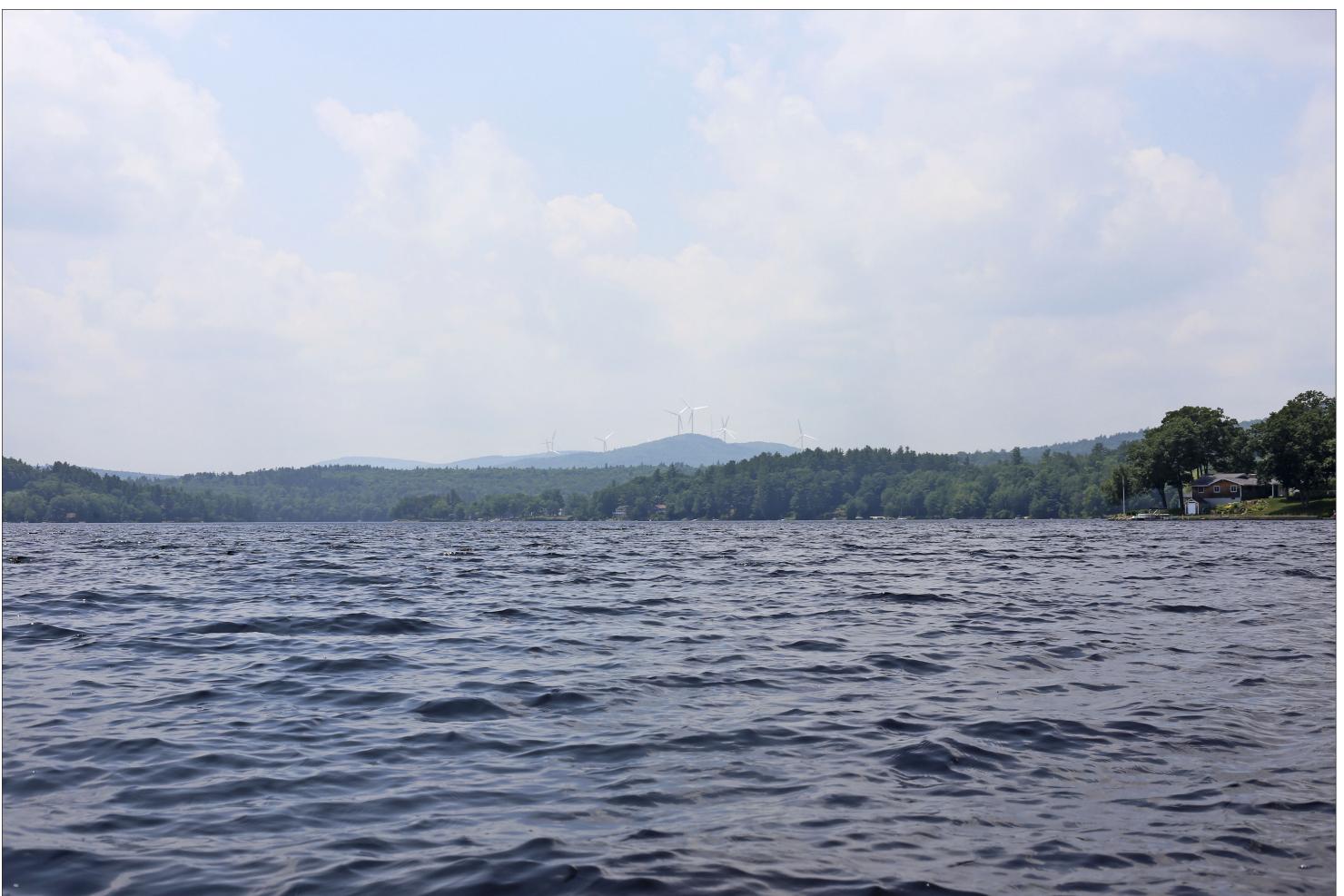
Rotor diameter: 370'-8" (113 m)

Overall turbine height: T1 - T8 488'-10" (149.01 m) T9 445'-2" (135.67 m)

Aerial Context Map



EXHIBIT 7: EXISTING CONDITIONS FROM FRANKLIN PIERCE LAKE, HILLSBOROUGH (SHEET 2 OF 3) ANTRIM WIND VISUAL ASSESSMENT



(SHEET 3 OF 3)
EXHIBIT 7: VISUAL SIMULATION OF PROPOSED CONDITIONS FROM FRANKLIN PIERCE LAKE, HILLSBOROUGH
ANTRIM WIND VISUAL ASSESSMENT