

- Vehicles used during construction would comply with applicable Federal and State air quality regulations;
- Limiting engine idling time and equipment shut down when not in use;
- Dust suppression on unpaved access roads, parking areas and staging areas, and using water or DOT approved dust suppression materials in compliance with State and local regulations;
- Traffic speeds on access roads would be kept to 25 mph to minimize generation of dust;
- Car-pooling among construction workers would be encouraged to minimize construction-related traffic and associated emissions;
- Disturbed areas would be re-planted or graveled to reduce wind-blown dust; and
- Erosion control measures would limit deposition of silt to roadways.

3.10 Noise

3.10.1 Affected Environment

The proposed St. Lawrence Windpower Project, consisting of 53 1.5 MW Acciona AW-82/1500 WTGs, will be located in the Town of Cape Vincent in Jefferson County, New York. The Project

Area consists primarily of open farmland with existing noise sources such as road traffic, farming equipment, and natural sounds (i.e., leaf rustle, insect noise), etc. Potentially sensitive receptors in the general vicinity of the Project include structures such as residences, schools, and churches. Locations of non-residence receptors within 1-mile of the Project are shown in Exhibit 3.10.1. These receptors were considered as a part of the noise impact analysis and the existing ambient acoustic conditions were assessed by completing a baseline sound level survey.

Exhibit 3.10.1 – Non-Residence Receptors within 1-mile of the Project

