

ATTACHMENT 5

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Environmental Assessment Statement

I. PHYSICAL IMPACT

A. WATER FLOW AND QUALITY

A wetland delineation was conducted at the site and there were no wetlands identified in or immediately adjacent to the proposed access drive or facility compound. The Proposed Facility is located approximately 123' south of the nearest wetland resource. Proposed sedimentation and erosion controls will be designed, installed, and maintained during construction activities in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control which will minimize any temporary impacts. No wetlands or inland waterways will be impacted by the proposed facility.

B. AIR QUALITY

Under ordinary operating conditions, the equipment that would be used at the proposed facility would emit no air pollutants of any kind. An emergency backup power diesel generator would be exercised once a week and comply with the CT DEEP "permit by rule" criteria pursuant to R.C.S.A. §22a-174-3b.

C. LAND

Approximately 4 trees greater than 6" dbh will need to be removed in order to construct the Proposed Facility. The total area of disturbance will be approximately 15,000 s.f. The remaining land of the lessor would remain unchanged by the construction and operation of the facility.

D. NOISE

The equipment to be in operation at the facility would not emit noise other than that provided by the operation of the installed heating, air-conditioning and ventilation system. Some construction related noise would be anticipated during facility construction, which is expected to take approximately four to six weeks. Temporary power outages could involve sound from the emergency generator which is tested weekly.

E. POWER DENSITY

The cumulative worst-case calculation of power density from AT&T's operations at the facility would be 14.57% of the federal MPE standard. A copy of a Radio Frequency Emissions Analysis Report for the proposed facility is provided in Attachment 7.

F. SCENIC, NATURAL, HISTORIC & RECREATIONAL VALUES

Homeland Towers conducted an evaluation of the proposed Facility's potential effects on historic resources and concluded that the proposed Facility will have no effect on historic properties listed or eligible for listing on the National Register of Historic Places. The CT State Historic Preservation Office ("SHPO") confirmed these findings. Attachment 9 includes a copy of SHPO's no impact determination.

The proposed Facility and Parcel are not located within a DEEP Natural Diversity Data Base ("NDDB") buffer zone as shown in the map included in Attachment 9. Thus, in accordance DEEP review policy, consultation is not required. An evaluation of federally-listed threatened, endangered or special concern species was also conducted. One federally-listed threatened species, the northern long-eared bat ("NLEB") is known to occur in the vicinity of the Parcel. An adverse effect on the NLEB is not expected as the proposed Facility is located within a Parcel associated with industrial development and limited tree clearing is anticipated. In addition, the NDDB map reveals that the Proposed Facility is not located within 150 feet of a known occupied NLEB maternity roost tree and is not located within 0.25 mile of known NLEB hibernaculum.

G. SCHOOLS/DAY CARE CENTERS

No schools or commercial childcare centers are located within 250' of the Parcel. Country Kids Child Care is located approximately 0.38 mile north-northwest of the Parcel. As shown in Photo 30 in the enclosed Visibility Analysis, the Proposed Facility will be visible from this daycare center.