



**STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL**

RE: APPLICATION BY TARPON TOWERS  
II, LLC FOR A CERTIFICATE OF  
ENVIRONMENTAL COMPATIBILITY  
AND PUBLIC NEED FOR A  
TELECOMMUNICATIONS FACILITY  
AT 796 WOODIN STREET IN THE  
TOWN OF HAMDEN, CONNECTICUT

DOCKET NO. \_\_\_\_\_

Date: July 12, 2019

**APPLICATION FOR A CERTIFICATE OF  
ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED**

## TABLE OF CONTENTS

	<u>Page</u>
EXECUTIVE SUMMARY.....	1
I. INTRODUCTION .....	4
A. Authority and Purpose.....	4
B. The Applicant.....	4
C. Application Fee .....	5
D. Compliance with General Statute § 16-50l (c).....	5
II. SERVICE AND NOTICE REQUIRED BY C.G.S. SECTION 16-501(b) .....	5
III. PROPOSED FACILITY .....	6
A. Facility Design.....	6
B. Coverage to be Achieved.....	7
IV. STATEMENT OF NEED AND BENEFIT.....	8
A. Statement of Need .....	8
1. United States Policy and Law.....	8
2. United States Wireless Usage Statistics .....	13
3. Site Specific Need.....	15
B. Technological Alternatives .....	16
V. SITE SELECTION AND TOWER SHARING .....	17
A. Site Selection.....	17
B. Tower Sharing.....	18
VI. ENVIRONMENTAL COMPATIBILITY.....	18
A. Visual Assessment.....	19
1. Site Visibility.....	20
B. Solicitation of State Agency Comments.....	20
C. MPE Limits/Power Density Analysis .....	21
D. Other Environmental Factors .....	22
VII. CONSISTENCY WITH THE HAMDEN LAND USE REGULATIONS.....	24
A. Hamden Plan of Development .....	25
B. Hamden Zoning Regulations.....	25
C. Planned and Existing Land Uses .....	28
D. Hamden Inland Wetlands and Watercourses Regulations.....	29

**TABLE OF CONTENTS (cont.)**

	<b><u>Page</u></b>
VIII. CONSULTATIONS WITH LOCAL, STATE AND FEDERAL OFFICIALS.....	30
A. Local Consultations.....	30
B. Consultations with State Officials.....	32
C. Consultation with Federal Agencies.....	32
IX. ESTIMATED COST AND SCHEDULE .....	32
A. Overall Estimated Cost .....	32
B. Overall Scheduling.....	33
X. CONCLUSION.....	33

## **LIST OF EXHIBITS**

- A. Connecticut Siting Council's Community Antenna Television and Telecommunication Facilities Application Guide
- B. Certification of Service on Governmental Officials Including List of the Officials Served
- C. Legal Notices and the Publisher's Certificate of Publication
- D. Certification of Service to Abutting Property Owners, Including Sample Notice Letter
- E. Site Plans Evaluation Report
- F. Propagation Plots
- G. Site Search Summary, Map of Sites Searched and 4 Mile Tower Map
- H. Visibility Analysis and Balloon Float Affidavit
- I. SHPO Letter
- J. Power Density Calculation Reports
- K. National Environmental Policy Act Report
- L. Avian Report
- M. Wetlands Report
- N. Technical Report Filing Letters and Supplemental Filing Letter
- O. FAA letters
- P. Redacted Lease(s)