

Site Search Summary

Pomfret Center Facility
72 Ragged Hill Road
Pomfret, Connecticut

Section 16-50j-74(j) of the Regulations of Connecticut State Agencies requires the submission of a statement that describes “the narrowing process by which other possible sites were considered and eliminated.” In accordance with this requirement, descriptions of the general site search process, the identification of the applicable search area and the alternative locations considered for development of the proposed Pomfret Center Facility are provided below.

Site Search Process

To initiate its site selection process in an area where a coverage or capacity problem has been identified, Cellco first establishes a “cell site search area.” In any search area, Cellco seeks to avoid the unnecessary proliferation of towers and to reduce the potential adverse environmental effects of a cell site, while at the same time maximizing the quality of service provided from a particular facility. These objectives are achieved by initially locating existing towers and other sufficiently tall structures within and near the particular search area. If any are found, they are evaluated to determine whether they are capable of supporting Cellco’s telecommunications equipment at a location and elevation that satisfies its technical requirements.

The list of available locations may be further reduced if, after preliminary negotiations, a property owner withdraws a site from further consideration. From among the remaining locations, the proposed sites are selected by eliminating those that have greater potential for adverse environmental effects and fewer benefits to the public (*i.e.*, those requiring taller towers, possibly with lights; those with substantial adverse impacts on wetlands; those located or near densely populated residential areas; and those with limited ability to share space with other public or private telecommunications entities). It should be noted that in any given site search, the weight afforded to factors considered in the selection process will vary depending upon the availability and nature of sites within the search area.

Need for the Pomfret Center Facility

Cellco currently maintains four (4) telecommunications facilities within approximately five (5) miles of the proposed Pomfret Center Facility. These facilities are identified as Cellco’s Eastford, Pomfret East, Woodstock Relo and Coatney Hill cell sites. Cellco’s existing Eastford Facility consists of antennas on a tower at 35 Old Route 44 in Eastford, Connecticut. Cellco’s existing Pomfret East Facility consists of antennas on a tower at 398 Pomfret Street in Pomfret, Connecticut. Cellco’s existing Woodstock Relo Facility consists of antennas on a tower at 87 West Quasset Road in Woodstock, Connecticut. Cellco’s existing Coatney Hill Facility consists

of antennas on a tower at 215 Coatney Hill Road in Woodstock, Connecticut. Today, these existing facilities provide wireless service in portions of Pomfret, Eastford and Woodstock as well as small portions of Ashford, Chaplin, Hampton, Killingly, Putnam and Union. These existing sites cannot however, provide service to those areas in and around the Pomfret Center cell site where service is currently needed.

Identification of the Pomfret Search Area

The purpose of the proposed Pomfret Center Facility is to provide reliable wireless service to significant coverage gaps along portions of Routes 198, 44 and 244, and local roads in northwest Pomfret, northeast Eastford and southern Woodstock.

Cellco originally issued its Pomfret Center search area in January of 2009 and commenced the municipal consultation process and the Council Application process for the Pomfret Center Facility in May of 2010. Shortly thereafter, Cellco put this proposed tower site and the Council application process on hold. The Pomfret Center Facility was reactivated in December of 2016.

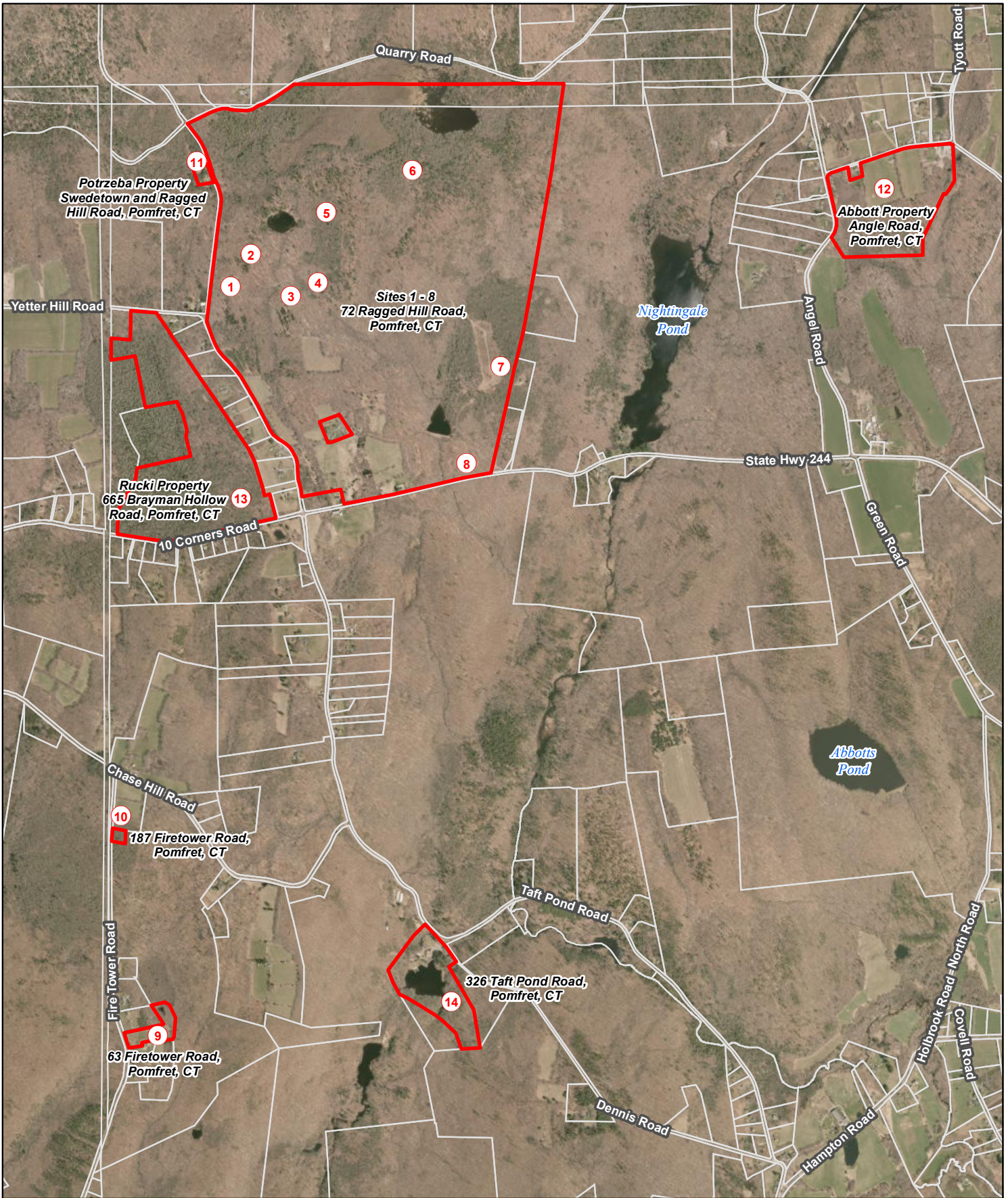
Sites Investigated

Cellco identified and investigated a total of fourteen (14) potential tower locations in Pomfret, including eight (8) different locations on the 627 acre parcel at 72 Ragged Hill Road (the "Property"). The sites investigated are listed and described below and located on the attached Site Search Map.

1. Raynham, Inc. Property – 72 Ragged Hill Road, Pomfret, CT. Site A location – Cellco can satisfy its wireless service objectives from this location with antennas at 150 feet above ground level.
2. Raynham, Inc. Property – 72 Ragged Hill Road, Pomfret, CT. Site B location – This alternative site location is approximately 400 feet to the northeast of Site A. Cellco can satisfy its wireless service objectives from this location with antennas at 150 feet above ground level.
3. Raynham, Inc. Property – 72 Ragged Hill Road, Pomfret, CT. Site C location – This alternative site location is approximately 1,000 feet east of Site A. Due to its higher ground elevation, Cellco can satisfy its wireless service objectives from this location with antennas at 130 feet above ground level.
4. Raynham, Inc. – 72 Ragged Hill Road, Pomfret, CT. This location is approximately 1,300 feet east of Site A. Due to its higher ground elevation, access to this portion of the property would require the construction of a lengthy access road and two significant wetland crossings. In addition, Cellco's RF engineers determined that its wireless service objectives could not be satisfied from this location.

5. Raynham, Inc. – 72 Ragged Hill Road, Pomfret, CT. This location is approximately 1,850 feet northeast of the proposed cell site. Access to this site would require a lengthy access road and two significant wetland crossings and was, therefore, rejected.
6. Raynham, Inc. – 72 Ragged Hill Road, Pomfret, CT. This location is approximately 3,200 feet northeast of the proposed cell site. Access to this site would require a lengthy access road and several significant wetland crossings and was, therefore, rejected.
7. Raynham, Inc. – 72 Ragged Hill Road, Pomfret, CT. This location is along the easterly edge of the Property, approximately 2,600 feet north of Brayman Hollow Road (Route 244). Cellco could not satisfy its wireless service objectives to the west and northwest from this location.
8. Raynham, Inc. – 72 Ragged Hill Road, Pomfret, CT. This location is in the southeast corner of the Property. Cellco could not satisfy its wireless service objectives to the west and northwest from this location.
9. 63 Firetower Road, Pomfret, CT. The site is approximately 2.2 miles south of the proposed cell site. Cellco investigated the use of an existing lattice tower on this parcel but determined that the existing tower was not structurally capable of supporting additional antennas. Cellco also considered the development of a new tower on this parcel. This parcel would not, however, provide wireless service comparable to the proposed cell site. While this location would provide coverage along portions of Route 244, it would also not connect with coverage from Cellco's existing Woodstock Facility to the north.
10. 187 Firetower Road, Pomfret, CT. This site is located approximately 1.6 miles south of the proposed cell site. Similar to the 63 Firetower Road site, this location would provide for coverage along portions of Route 244, but would not connect with coverage from Cellco's existing Woodstock NW Facility to the north.
11. Potrzeba Property – Swedetown and Ragged Hill Road, Pomfret, CT. This parcel is located to the north and west of the proposed cell site on the west side of Swedetown Road. This site was rejected by RF engineers because it is located too far to the north of Route 244.
12. Abbott Property – Angle Road, Pomfret, CT. This site is located to the east of the proposed cell site and was rejected because Cellco could not provide service that connects with its existing Eastford Facility to the west from this parcel. The parcel also contains significant wetland areas that would limit development options on the parcel.

13. Rucki Property – 665 Brayman Hollow Road, Pomfret, CT. This parcel is located on the north side of Brayman Hollow Road (Route 244), west of Ragged Hill Road. The only portion of the property offered by the landlord was an area adjacent to Brayman Hollow Road. A 150-foot tower at this location would have more significant visual impacts on area residences along Brayman Hollow Road and Ragged Hill Road than the proposed facility location and was, therefore, rejected.
14. 326 Taft Pond Road, Pomfret, CT. This site is located approximately 2.0 miles south of the proposed cell site. This location would provide for coverage along portions of Route 244, but would not connect with coverage from Cellco's existing Woodstock NW Facility to the north.



- Legend**
- Site Investigated (Numbered and Labeled by Location)
 - Approximate Parcel Boundary (CTDEEP GIS Parcels Last Updated 2010)

Site Search Summary Map

Proposed Wireless
Telecommunications Facility
Pomfret Center CT
72 Ragged Hill Road
Pomfret, Connecticut



Map Notes:
Base Map Source: 2016 Aerial Photograph (CT ECO)
Map Scale: 1 inch = 2,000 feet
Map Date: May 2018

