



Section 106 Not Required

NEPA/NHPA Screening Checklist Report

December 11, 2018

KC13XC327

548 Southwest Tower Park Drive

Lee's Summit, Missouri 64081

Trileaf # 647163

Prepared For:

Sprint

6300 Legacy Drive
Plano, Texas 75024

Prepared By:

Trileaf Corporation

1051 Winderley Place, Suite 201
Maitland, FL 32751



Network Practice NP-700-001

NEPA/NHPA SCREENING CHECKLIST

Project Type: <input type="checkbox"/> New Antenna Facility <input checked="" type="checkbox"/> Modification of Existing Facility	Site Type: <input type="checkbox"/> FCC Tower Structure <input type="checkbox"/> Utility Structure <input checked="" type="checkbox"/> Other Non-Tower Structure	Cascade ID: KC13XC327	Location: Address: 548 Southwest Tower Park Drive, Lee's Summit, Missouri 64081 Latitude/Longitude: 38° 54' 33", -94° 26' 54"
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1. Will the facility be located in an officially designated wilderness area, per 47 CFR §1.1307(a)(1)?

Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	Consulting Agency To Contact: NPS, USFWS & BLM Comments: <i>This category is not required for collocations according to 47CFR Section 1.1306 Note 1.</i>
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2. Will the facility be located in a designated wilderness preserve, per 47 CFR §1.1307(a)(2)?

Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	Consulting Agency To Contact: NPS, USFS & BLM Comments: <i>This category is not required for collocations according to 47CFR Section 1.1306 Note 1.</i>
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3. Will the facility affect listed or proposed threatened or endangered species or designated critical habitats; or jeopardize the continued existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973, per 47 CFR §1.1307(a)(3)?

Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	Consulting Agency To Contact: USFWS & State Equivalent Comments: <i>This category is not required for collocations according to 47CFR Section 1.1306 Note 1.</i>
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4. Will the facility affect districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture, that are listed, or are eligible for listing in the National Register of Historic Places, per 47 CFR §1.1307(a)(4)?

Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	Consulting Agency To Contact: SHPO, THPO & NHOs Comments: See NEPA/NHPA Screening Checklist Summary below.
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5. Will the facility affect Indian religious sites, per 47 CFR §1.1307(a)(5)?

Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	Consulting Agency To Contact: THPO, NHOs & Bureau of Indian Affairs Comments: See NEPA/NHPA Screening Checklist Summary below.
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6. Will the facility be located in a floodplain, per 47 CFR §1.1307(a)(6)?

Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	Consulting Agency To Contact: FEMA Comments: <i>This category is not required for collocations according to 47CFR Section 1.1306 Note 1.</i>
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7. Will the facility involve a significant change in surface features, per 47 CFR §1.1307(a)(7)?

Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	Consulting Agency To Contact: US Army Corps of Engineers Comments: <i>This category is not required for collocations according to 47CFR Section 1.1306 Note 1.</i>
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8. Will the facility be equipped with high intensity white lights in a residential neighborhood, per 47 CFR §1.1307(a)(8)?

Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>	Consulting Agency To Contact: Not Applicable Comments: It is assumed that Sprint will not utilize high intensity white lights in residential areas.
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9. Facilities that may result in human exposure to radiofrequency radiation in excess of the applicable safety standards specified in 47 CFR §1.1307 (b).

Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>	Consulting Agency To Contact: Not Applicable Comments: This category was NOT reviewed by TRILEAF Corporation.
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Preparer certifies that to the best of their knowledge the above information is accurate.

Prepared By: John B. SinnottCompany: TRILEAF Corporation(Print name): John B. SinnottDate: 12/11/2018

Site Development Project Manager has reviewed and approved this Checklist prior to commencement of site construction.

By: _____

Date: _____

NEPA/NHPA Screening Checklist Summary

INTRODUCTION

This checklist summary was prepared in accordance with Sprint's policy document titled *NEPA/NHPA Requirements for Antenna Sites (NEPA/NHPA Screening)*, *Network Practice (NP-700-001)* dated June 11, 2018 the Nationwide Programmatic Agreement for the Collocation of Wireless Antennas (Collocation PA) as amended, and FCC Rules 47 CFR §1.1320 and §1.1307 using information provided by one or more of the following: (i) the FCC licensee and/or authorized agent; (ii) the owner of the building or other structure upon which the installation will be mounted; and (iii) publicly available municipal and regulatory records (as applicable). Information used to answer the below questions was provided to TRILEAF from the aforementioned sources to the best of their actual knowledge and in good faith.

The Note 1 exclusion per 47 CFR 1.1306 as referenced in the above checklist states:

"The provisions of [§ 1.1307\(a\)](#) requiring the preparation of EAs do not encompass the mounting of antenna(s) and associated equipment (such as wiring, cabling, cabinets, or backup-power), on or in an existing building, or on an antenna tower or other man-made structure, unless [§ 1.1307\(a\)\(4\)](#) is applicable....."

Therefore, items 1-3 and 6-9 in the above checklist are either exempt from review, or were not reviewed by Trileaf. Therefore, the following criteria were reviewed as part of this project:

- Will the facility affect districts, sites, buildings, structures, or objects significant in American history, architecture, archaeology, engineering, or culture, that are listed, or are eligible for listing in the National Register of Historic Places, per 47 CFR §1.1307(a)(4)?
- Will the facility affect Indian religious sites, per 47 CFR §1.1307(a)(5)?

PROPOSED UNDERTAKING

Sprint proposes to remove three (3) RRU's and replace three (3) 2.5 panel antennas with three (3) MIMO antennas with integrated RRU's at a centerline height of 60 feet on an existing 98-foot water tower. All equipment will be installed within an existing equipment cabinet located at the base of the water tower.

PROJECT REVIEW

Per the Nationwide Programmatic Agreement for the Collocation of Wireless Antenna (Collocation PA), as amended, and 47 CFR 1.1320, an antenna may be mounted on a building or

non-tower structure without such collocation being reviewed through the Section 106 review process, provided none of the following are true:

Collocation of Antennas on Buildings and Non-Tower Structures		Yes	No
1.	Is this collocation site located on tribal land?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Is the building or non-tower structure over 45 years old, and are the criteria established in Stipulation VI of the Collocation PA for collocations of small antennas or the exclusions provided for in 47 CFR 1.1320 not applicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Is the building or non-tower structure located inside the boundary of a historic district, and the collocation does not meet the criteria established in Stipulation VII of the Collocation PA for collocations of small or minimally visible antennas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Is the building or non-tower structure within 250 feet of the boundary of the historic district, and the antenna is visible from the ground level of the historic district, and the collocation does not meet the criteria established in Stipulation VII of the Collocation PA for collocations of small or minimally visible antennas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5.	Is the building or non-tower structure a designated National Historic Landmark, and the collocation does not meet the criteria established in Stipulation VII of the Collocation PA for collocations of small or minimally visible antennas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.	Is the building or non-tower structure listed in or eligible for listing in the National Register of Historic Places, and the collocation does not meet the criteria established in Stipulation VII of the Collocation PA for collocations of small or minimally visible antennas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7.	The collocation licensee or the owner of the building or non-tower structure has received written or electronic notification that the FCC is in receipt of a complaint from a member of the public, an Indian Tribe, a SHPO or the Council, that the collocation has an adverse effect on one or more historic properties?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Review Details:

- 1) Trileaf reviewed the USA Federal Lands database, as well as tribal land maps provided by the Bureau of Indian Affairs and determined that the non-tower structure is not located on tribal land.
- 2) Trileaf reviewed Jackson County Property Appraiser information and historical aerial imagery. The age of the water tower could not be confirmed; however, aerial imagery indicates that the water tower was constructed prior to 1962. Therefore, the non-tower structure is older than 45 years.
- 3) According to the National Register of Historic Places (NRHP), the building/non-tower structure is not located within a historic district.
- 4) According to the NRHP, the building/non-tower structure is not located within 250 feet of an historic district.
- 5) According to the NRHP, the building/non-tower structure is not a National Historic Landmark.
- 6) According to the NRHP, the building/non-tower is not listed on the NRHP, or eligible for listing on the NRHP.

- 7) Trileaf was not made aware by the licensee of any written or electronic notification that the FCC is in receipt of a complaint from a member of the public, native American tribe, SHPO, or council that the collocation has an adverse effect on historic properties.

The age of the water tower was determined to be greater than 45 years, but the remaining questions are marked “No” (i.e. the age of the water tower is the only trigger for Section 106 review); therefore, further consideration of Section 106 exclusions via the Collocation PA and 47 CFR 1.1320 is warranted. Trileaf reviewed the provided construction drawings and determined that Stipulation VI of the Collocation PA is not applicable due to the proposed undertaking not meeting the definition of a small wireless antenna deployment. However, exclusionary conditions and specific criteria as provided for in the 47 CFR 1.1320 are applicable as follows:

CONDITIONS:

1. There is an existing antenna on the building or structure: **Yes, Sprint is already installed on the water tower.**
2. The new antenna complies with all zoning conditions and historic preservations conditions applicable to existing antennas in the same vicinity that directly mitigate or prevent effects, such as camouflage or concealment requirements: **Yes, Sprint plans to paint to match, if applicable.**
3. The deployment of the new antenna involves no new ground disturbance: **According to the provided construction drawings, there is no plan for any new ground disturbance.**
4. The deployment would otherwise require the preparation of an Environmental Assessment (EA) solely because of the age of the building or structure: **Yes, as determined per 2001 NPA review.**

CRITERIA (Visible Replacement Antennas):

1. This is a replacement for a pre-existing antenna: **Yes, Sprint plans to replace three (3) 2.5 panel antennas with three (3) MIMO antennas with integrated RRU's.**
2. The new antenna will be located in the same vicinity* as the pre-existing antenna: **Yes, the new antennas are to be installed on the same water tower, and the center-point of the new antenna is within ten feet of the center-point of the pre-existing antenna.**
3. The new antenna will be visible only from adjacent streets and surrounding public spaces that also afford views of the pre-existing antenna: **Based on line of sight estimates, the new antenna will not be visible from any adjoining streets and public spaces from which the existing antenna facility are also not already visible.**
4. The new antenna is not more than three (3) feet larger in height or width (including protuberances) than the pre-existing antenna: **According to the provided construction drawings, Sprint plans to install MIMO antennas which are not more than 3 feet higher or longer than the existing antennas.**

5. No new equipment cabinets are visible from the adjacent streets or surrounding public spaces: **According to the provided construction drawings, no new equipment cabinets are proposed to be constructed.**

* A visible new antenna is in the “same vicinity” as a pre-existing antenna if it is on the same rooftop, façade, or other surface and the center-point of the new antenna is within ten feet of the center-point of the pre-existing antenna.

Conclusions

In accordance with 47 CFR 1.1320 and Sprint’s NEPA/NHPA Requirements for Antenna Sites (NEPA/NHPA Screening) policy, Section 106 review is NOT required.



12/11/2018

Preparer’s Signature

Date

John B. Sinnott

TRILEAF Corporation

Preparer’s Name

Company