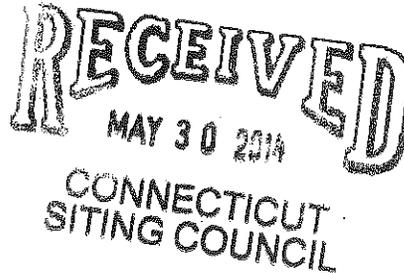


HPC Wireless Services
22 Shelter Rock Lane.
Building C
Danbury, CT, 06810
P.: 203.797.1112



May 28, 2014



VIA OVERNIGHT COURIER

Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051
Attn: Ms. Melanie Bachman, Acting Executive Director

Re: Sprint Spectrum, L.P. –Exempt Modification
50 (aka 160) Plantation Road, East Windsor, Connecticut

Dear Ms. Bachman:

This letter and attachments are submitted on behalf of Sprint Spectrum, L.P. (“Sprint”). Sprint is undertaking modifications to certain existing sites in its Connecticut system in order to implement updated technology. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction that constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the First Selectman of the Town of East Windsor.

Sprint plans to modify the existing wireless communications facility owned by the American Tower Company and located at 50 Plantation Road, East Windsor (coordinates 41°-52’-32.3” N, 72°-33’-53.1” W). Attached are plan and elevation drawings depicting the planned changes, and documentation of the structural sufficiency of the structure to accommodate the revised antenna configuration. Also included is a power density report reflecting the modification to Sprint’s operations at the site.

The changes to the facility do not constitute a modification as defined in Connecticut General Statutes (“C.G.S.”) Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).

1. Sprint will add one (1) 2.5 panel antenna and three (3) RRHs (Remote Radio Heads) on the existing pipe masts, all at a centerline height of approximately 126’. Sprint will also install two (3) hybriflex cables along the existing Ice Bridge. The proposed

Ms. Melanie Bachman

May 28, 2014

Page 2

modifications will not extend the height of the approximately 135'.6" structure.

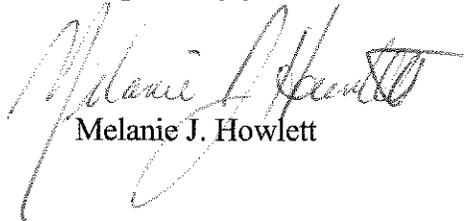
2. Sprint will replace related equipment within two (2) of the existing cabinets which are located on the existing concrete pad. The existing leased area of 26' x 12'.4" shall not be increased. These changes will have no effect on the site boundaries.

3. The proposed changes will not increase the noise level at the existing facility by six decibels or more. The incremental effect of the proposed changes will be negligible.

4. The changes to the facility will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site. As indicated on the attached report prepared by EBI Consulting, Sprint's operations will result in a power density of power density of approximately 31.035%; the combined site operations will result in a total power density of approximately 48.185%.

Please contact me by phone at (203) 610-1071 or by e-mail at mjhowlett@optonline.net with questions concerning this matter. Thank you for your consideration.

Respectfully yours,

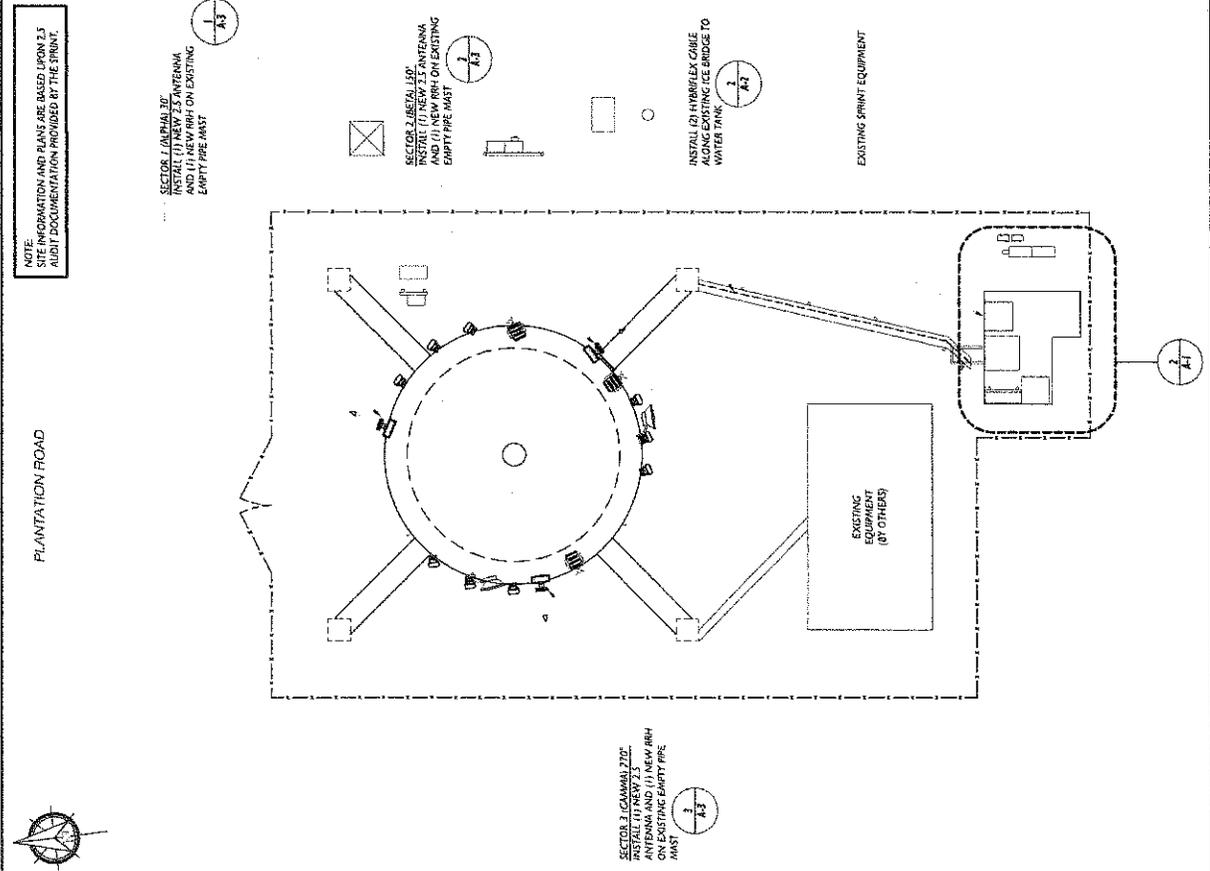
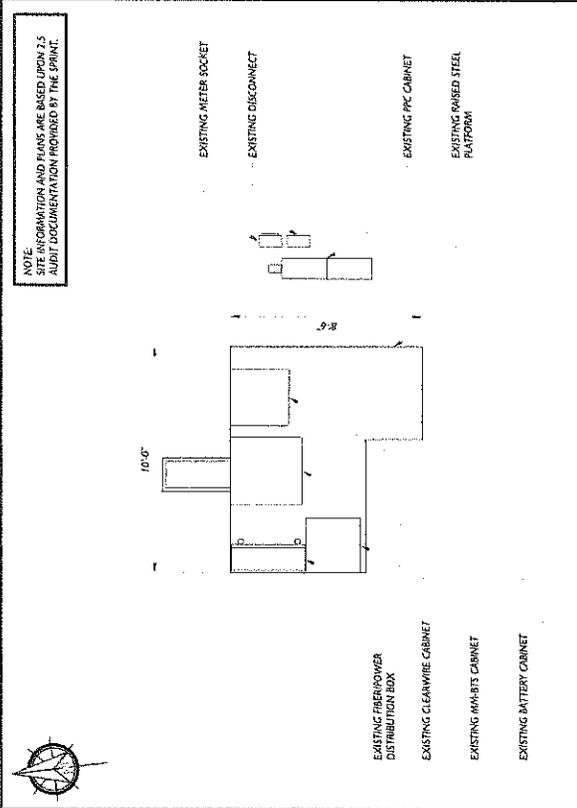


Melanie J. Howlett

Attachments

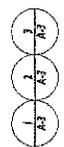
cc: Honorable Denise Menard, First Selectman, Town of East Windsor
Plantation Properties, LLC (underlying property owner)

 <p>Sprint 6560 SPRINT PARKWAY OVERLAND PARK, KANSAS 66251 (917) 935-7465</p>	 <p>A SAXON DESIGN GROUP 220 SOUTH MAIN ST WINDSOR, CT 06095 TEL: 860.233.1111 WWW.SAXONDESIGN.COM</p>	<p>ENGINEER'S LICENSE MICHAEL L. BOHLINGER PROFESSIONAL ENGINEER CONNECTICUT LICENSE NO. 20140 REGISTERED PROFESSIONAL ASDCSP21</p>	<p>CLIENT NO.: CT03XC202 PERSON NO.: 2.5 GHz TYPE INFORMATION: PASADUNSEY WATER TANK 160 PLANTATION ROAD EAST WINDSOR, CT 06016</p>	<p>DRAWING TITLE: SITE PLAN</p>	<p>DATE: 11/17/17 PROJECT NO.: ASDGSP21 DRAWING NO.: 03 SHEET NO.: A-1</p>
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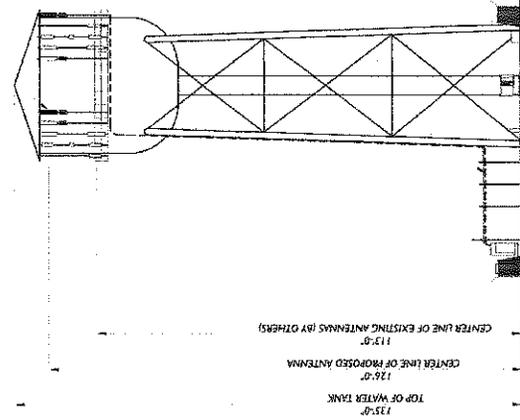


OVERALL SITE PLAN	SCALE: 1"=17'-3 1/8" = 1'-0" 24" x 36" = 318" = 1'-0"	1
EXISTING SPRINT EQUIPMENT PLAN	SCALE: 1"=17'-3 1/8" = 1'-0" 24" x 36" = 318" = 1'-0"	2
PROPOSED SPRINT EQUIPMENT PLAN	SCALE: 1"=17'-3 1/8" = 1'-0" 24" x 36" = 318" = 1'-0"	3

NOTE: SITE INFORMATION AND PLANS ARE BASED UPON 2.5 G. AUDIT DOCUMENTATION PROVIDED BY THE SPRINT.



INSTALL (1) NEW 2.5 ANTENNA AND (1) NEW RRH ON EXISTING SAFETY PILE (MUST PER SECTOR (3 TOTAL))



INSTALL (2) HYBRID CABLE ALONG EXISTING ICE BRIDGE TO WATER TANK.



REV.	DATE	BY	DESCRIPTION
1	11/13/11	MS	ISSUE FOR PERMIT
2	11/13/11	MS	REVISED FOR COMMENTS
3	11/13/11	MS	REVISED FOR COMMENTS
4	11/13/11	MS	REVISED FOR COMMENTS
5	11/13/11	MS	REVISED FOR COMMENTS
6	11/13/11	MS	REVISED FOR COMMENTS
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8	11/13/11	MS	REVISED FOR COMMENTS
9	11/13/11	MS	REVISED FOR COMMENTS
10	11/13/11	MS	REVISED FOR COMMENTS

SPRINT
6655 SPRINT PARKWAY
OVERLAND PARK, KANSAS 66261
(817) 426-7466

A SAXON DESIGN GROUP
1000 W. 14TH ST. SUITE 100
PALO ALTO, CA 94304

ENGINEER'S LICENSE

MICHAEL L. BOHLINGER



PROFESSIONAL ENGINEER
CONNECTICUT LICENSE NO. 20485

PROJECT NO. ASDGSP21

PROJECT NAME: CT03XC202

CLIENT: 2.5 GHz

PROJECT LOCATION:
BASULUSSEN WATER TANK
160 PLANTATION ROAD
EAST WINDSOR, CT 06016

DRAWING TITLE:
BUILDING ELEVATION
AND CABLE PLAN

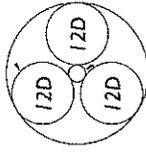
DATE: 11/13/11	SCALE: A-2
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DATE: 11/13/11	SCALE: A-2

SCALE: 1/4" = 1'-0"

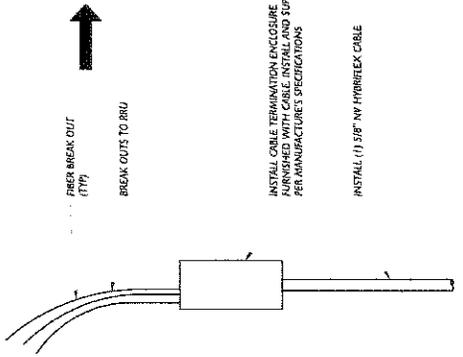
HYBRID CABLE DC CONDUCTOR SIZE GUIDELINE

CABLE	LENGTH	DC CONDUCTOR	CABLE DIAMETER
FIBER ONLY	VARIABLES	USE NY HYBRILEX	5/8"
HYBRILEX	OVER 200'	8 AWG	1 1/4"
HYBRILEX	225-300'	6 AWG	1 1/4"
HYBRILEX	325-375'	4 AWG	1 1/4"

2170(5.550)
72 CHANNEL FIBER DIST.
(17" O.D.)



1170(1.02)
INSULATED EPOXY GLASS ROD



FIBER BREAK OUT (17")

BREAK OUTS TO RRH

INSTALL CABLE TERMINATION ENCLOSURE AND SUPPORT PER MANUFACTURER'S SPECIFICATIONS

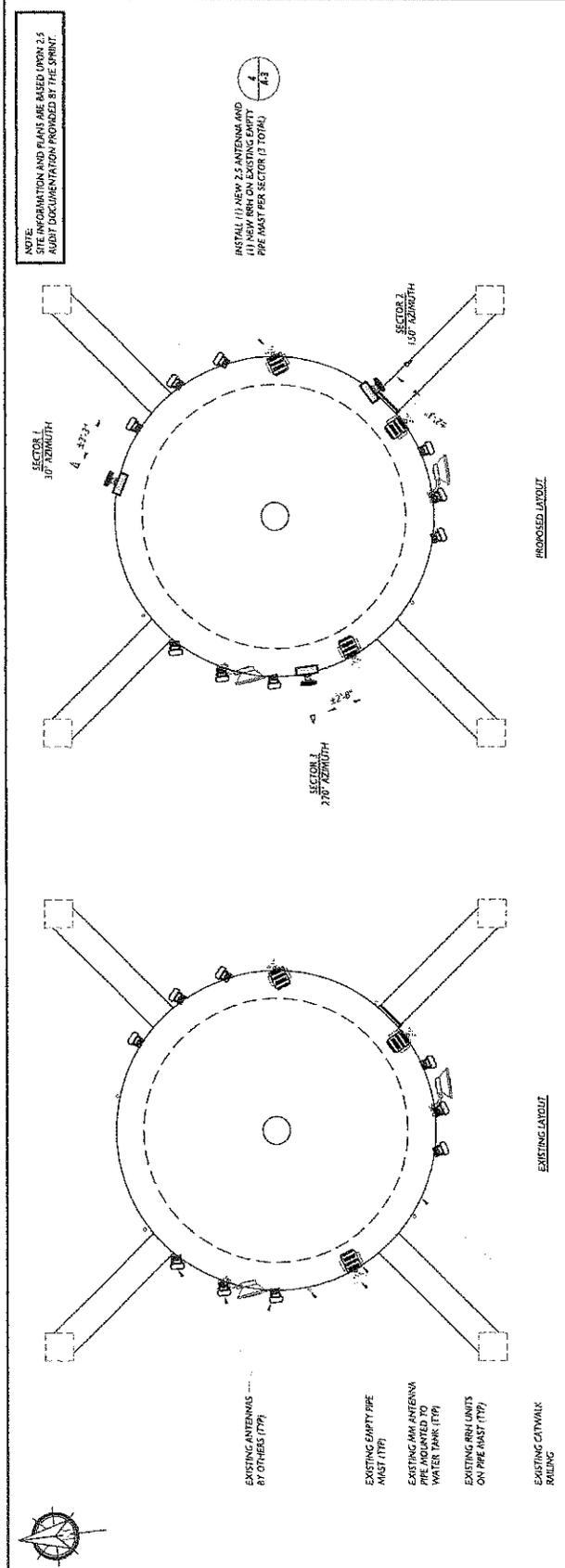
INSTALL (1) 3/8" NY HYBRILEX CABLE

ELEVATION

SCALE: 1/4" = 1'-0"

HYBRID BREAK OUT DETAIL

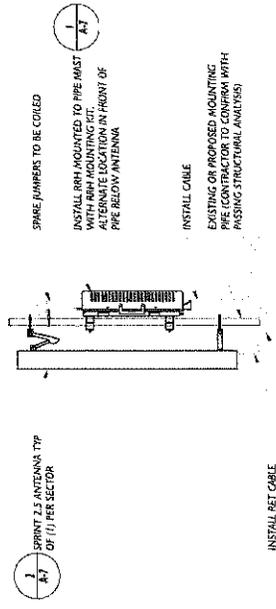
<table border="1"> <tr><td>REV</td><td>DATE</td><td>DESCRIPTION</td><td>DESIGNED BY</td><td>CHECKED BY</td></tr> <tr><td>01</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>02</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>03</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>04</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>05</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>06</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>07</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>08</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>09</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>10</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>11</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>12</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>13</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>14</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>15</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>16</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>17</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>18</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>19</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> <tr><td>20</td><td>11/11/11</td><td>ISSUE FOR PERMIT</td><td>ASD</td><td>ASD</td></tr> </table>	REV	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	01	11/11/11	ISSUE FOR PERMIT	ASD	ASD	02	11/11/11	ISSUE FOR PERMIT	ASD	ASD	03	11/11/11	ISSUE FOR PERMIT	ASD	ASD	04	11/11/11	ISSUE FOR PERMIT	ASD	ASD	05	11/11/11	ISSUE FOR PERMIT	ASD	ASD	06	11/11/11	ISSUE FOR PERMIT	ASD	ASD	07	11/11/11	ISSUE FOR PERMIT	ASD	ASD	08	11/11/11	ISSUE FOR PERMIT	ASD	ASD	09	11/11/11	ISSUE FOR PERMIT	ASD	ASD	10	11/11/11	ISSUE FOR PERMIT	ASD	ASD	11	11/11/11	ISSUE FOR PERMIT	ASD	ASD	12	11/11/11	ISSUE FOR PERMIT	ASD	ASD	13	11/11/11	ISSUE FOR PERMIT	ASD	ASD	14	11/11/11	ISSUE FOR PERMIT	ASD	ASD	15	11/11/11	ISSUE FOR PERMIT	ASD	ASD	16	11/11/11	ISSUE FOR PERMIT	ASD	ASD	17	11/11/11	ISSUE FOR PERMIT	ASD	ASD	18	11/11/11	ISSUE FOR PERMIT	ASD	ASD	19	11/11/11	ISSUE FOR PERMIT	ASD	ASD	20	11/11/11	ISSUE FOR PERMIT	ASD	ASD	<p>Sprint 6855 SPRINT PARKWAY OVERLAND PARK, KANSAS 66251 (817) 436-7468</p>	<p>A SAXON DESIGN GROUP 2000 PINE BLVD., SUITE 100 ST. LOUIS, MO 63103</p>	<p>ENGINEER'S LICENSE MICHAEL L. BOHLINGER PROFESSIONAL ENGINEER CONNECTICUT LICENSE NO. 26485</p>	<p>REC'D PROJECT NO. ASDGSP21 CLIENT REF. CT03XCZ02 SERVICE TYPE 2.5 GHz SITE INFORMATION BASHUSSEN WATER TANK 160 PLANTATION ROAD EAST WINDSOR, CT 06016</p>	<p>ANTENNA PLAN AND MOUNTING DETAILS</p>	<p>DATE: 11/11/11 PROJECT NO.: ASDGSP21 DRAWING NO.: 03 SCALE: AS SHOWN SHEET NO.: A-3</p>
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EXISTING AND PROPOSED LAYOUTS

SCALE: 1/4\"/>

- NOTE:**
- CUT D.C. CONDUCTORS TO LENGTH.
 - CON. FIBER CABLE AND SECURE TO SIDE OF RRH.
 - INSTALL 1/2\"/>



NOTE:
 SITE INFORMATION AND PLANS ARE BASED UPON 2.5 GHz ANTENNA DATA PROVIDED BY THE SPRINT.



KM Consulting Engineers, Inc.
Wireless Engineering and Project Management

April 22, 2014

Kris Rhodes
A Saxon Design Group
244 Rivers Edge Lane
Toms River, NJ 08755

RE: CT03XC202
Rasmussen Water Tank
160 Plantation Road
East Windsor, CT 06016
KM Project No. 140324.00

Dear Mr. Rhodes,

Further to your request, KM Consulting Engineers, Inc. (KMCE) has reviewed drawings, notes, calculations, and photos for the above referenced site. Based on the information received, the capacity of the antenna mounts was reviewed to determine if the new proposed Sprint installation can be supported adequately.

This assessment letter is based on the full water tank structural analysis by SEA Consultants, Inc, dated 11/5/96, structural analysis by DiCesare Bentley, dated 3/15/10 and the structural analysis by Ramaker & Associates, Inc, dated 11/29/12 for the Sprint Network Vision Project. Information reviewed also included CDs from A Saxon Design Group dated 3/17/14, CDs from Ramaker & Associates, Inc. dated 4/17/13, and site photos. KMCE did not visit the site.

Sprint is proposing to install (3) TD-RRH8x20-25 RRHs. The RRHs will be mounted to the existing pipe masts also supporting a proposed RMS APXVTM14-C-120 panel antenna. Upon review of the previous calculations by Ramaker, the existing pipe masts were found to be rated at approximately 25% of their capacity with a similarly sized antenna installed. The additional sail area of the RRH accounts for approximately a 35% increase in sail area mounted to the pipe mast.

Based on the structural information provided, the existing mounts were determined to be adequate by Ramaker & Associates for the Network Vision project with no detrimental impact to the water tank structure. KMCE finds that the existing masts and support mounts, to be utilized for the new 2.5 antenna and associated Remote Radio Heads, are still within applicable tolerances as calculated under the Ramaker Network Vision report and are deemed acceptable for the installation.

Should you have any questions or comments, please do not hesitate to contact our office.

Sincerely,
KM CONSULTING ENGINEERS, INC.

Michael L. Bohlinger, PE
Principal
CT License No. 20405



K:\A Saxon Design Group LLC\Sprint 2.5 Project\CT03XC202\CT03XC202 Letter 032814.docx

9 Forest Lane, Ewing, New Jersey 08628 Tel. (609)538-0400 Fax. (609)538-8853

Email: info@kmengr.com

VISIT OUR WEB PAGE @ www.kmengr.com



RADIO FREQUENCY FCC REGULATORY COMPLIANCE
MAXIMUM PERMISSIBLE EXPOSURE (MPE) ASSESSMENT

Sprint Existing Facility

Site ID: CT03XC202

Rasmussen Water Tank
160 Plantation Road
East Hartford, CT 06016

May 12, 2014

EBI Project Number: 62142833



May 12, 2014

Sprint
Attn: RF Engineering Manager
1 International Boulevard, Suite 800
Mahwah, NJ 07495

Re: Radio Frequency Maximum Permissible Exposure (MPE) Assessment for Site:
CT03XC202 - Rasmussen Water Tank

Site Total: 48.185% - MPE % in full compliance

EBI Consulting was directed to analyze the proposed upgrades to the existing Sprint facility located at 160 Plantation Road, East Hartford, CT, for the purpose of determining whether the radio frequency (RF) exposure levels from the proposed Sprint equipment upgrades on this property are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01 and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The number of $\mu\text{W}/\text{cm}^2$ calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Public exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The general population exposure limit for the cellular band is approximately $567 \mu\text{W}/\text{cm}^2$, and the general population exposure limit for the 1900 MHz and 2500 MHz bands band is $1000 \mu\text{W}/\text{cm}^2$. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.



Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed upgrades to the existing Sprint Wireless antenna facility located at 160 Plantation Road, East Hartford, CT, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. All calculations were performed assuming the main lobe of the antenna was focused at the base of the tower to present a worst case scenario. Actual values seen from this site will be dramatically less than those shown in this report. For this report the sample point is the top of a 6 foot person standing at the base of the tower.

For all calculations, all emissions were calculated using the following assumptions:

- 1) 3 channels in the 1900 MHz Band were considered for each sector of the proposed installation.
- 2) 1 channel in the 800 MHz Band was considered for each sector of the proposed installation
- 3) 1 channel in the 2500 MHz Band was considered for each sector of the proposed installation.
- 4) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
- 5) For the following calculations the sample point was the top of a six foot person standing at the base of the tower. The maximum gain of the antenna per the antenna manufactures supplied specifications was used in this direction.
- 6) The antennas used in this modeling are the RFS APXVSPP18-C-A20 and the RFS APXVTMM-C-120. This is based on feedback from the carrier with regards to anticipated antenna selection. The RFS APXVSPP18-C-A20 has a 15.9 dBd gain value at its main lobe at 1900 MHz and 13.4 dBd at its main lobe for 850 MHz. The RFS APXVTMM-C-120 has a 15.9 dBd gain value at its main lobe at 2500 MHz. All calculations were performed assuming the main lobe of the antenna was focused at the base of the tower to present a worst case scenario.



-
- 7) The antenna mounting height centerline for the proposed and existing antennas is **126 feet** above ground level (AGL).
 - 8) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

All calculation were done with respect to uncontrolled / general public threshold limits

Site ID: CT03XC202 - Rasmussen Water Tank																	
Site Address: 160 Plantation Road, East Hartford, CT 06016																	
Site Type: Water Tank																	
Sector 1																	
Antenna Number	Antenna Make	Antenna Model	Radio Type	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
1a	RFS	APXVSP18-C-A20	RRH	1900 MHz	CDMA / LTE	20	3	60	15.9	126	120	1/2"	0.5	0	2080.4211	51.93914	5.19391%
1b	RFS	APXVSP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	126	120	1/2"	0.5	0	389.96892	9.735841	1.71708%
1B	RFS	APXVTMM14-C-120	RRH	2500 MHz	CDMA / LTE	40	1	40	13.4	126	120	1/2"	0.5	0	779.93784	19.47168	3.43416%
Sector total Power Density Value: 10.345%																	
Sector 2																	
Antenna Number	Antenna Make	Antenna Model	Radio Type	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
2a	RFS	APXVSP18-C-A20	RRH	1900 MHz	CDMA / LTE	20	3	60	15.9	126	120	1/2"	0.5	0	2080.4211	51.93914	5.19391%
2a	RFS	APXVSP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	126	120	1/2"	0.5	0	389.96892	9.735841	1.71708%
2B	RFS	APXVTMM14-C-120	RRH	2500 MHz	CDMA / LTE	40	1	40	13.4	126	120	1/2"	0.5	0	779.93784	19.47168	3.43416%
Sector total Power Density Value: 10.345%																	
Sector 3																	
Antenna Number	Antenna Make	Antenna Model	Radio Type	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
3a	RFS	APXVSP18-C-A20	RRH	1900 MHz	CDMA / LTE	20	3	60	15.9	126	120	1/2"	0.5	0	2080.4211	51.93914	5.19391%
3a	RFS	APXVSP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	126	120	1/2"	0.5	0	389.96892	9.735841	1.71708%
3B	RFS	APXVTMM14-C-120	RRH	2500 MHz	CDMA / LTE	40	1	40	13.4	126	120	1/2"	0.5	0	779.93784	19.47168	3.43416%
Sector total Power Density Value: 10.345%																	

Site Composite MPE %	
Carrier	MPE %
Sprint	31.035%
AT&T	11.510%
Clearwire	1.140%
Metropcs	4.500%
Total Site MPE %	48.185%



Summary

All calculations performed for this analysis yielded results that were well within the allowable limits for general public Maximum Permissible Exposure (MPE) to radio frequency energy.

The anticipated Maximum Composite contributions from the Sprint facility are **31.035% (10.345% from each sector)** of the allowable FCC established general public limit considering all three sectors simultaneously sampled at the ground level.

The anticipated composite MPE value for this site assuming all carriers present is **48.185%** of the allowable FCC established general public limit sampled at 6 feet above ground level. This total composite site value is based upon MPE values listed in the Connecticut Siting Council database for existing carrier emissions.

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite values calculated were well within the allowable 100% threshold standard per the federal government.

A handwritten signature in black ink, appearing to read "Scott Heffernan", is written over a horizontal line.

Scott Heffernan
RF Engineering Director

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