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January 5, 2026

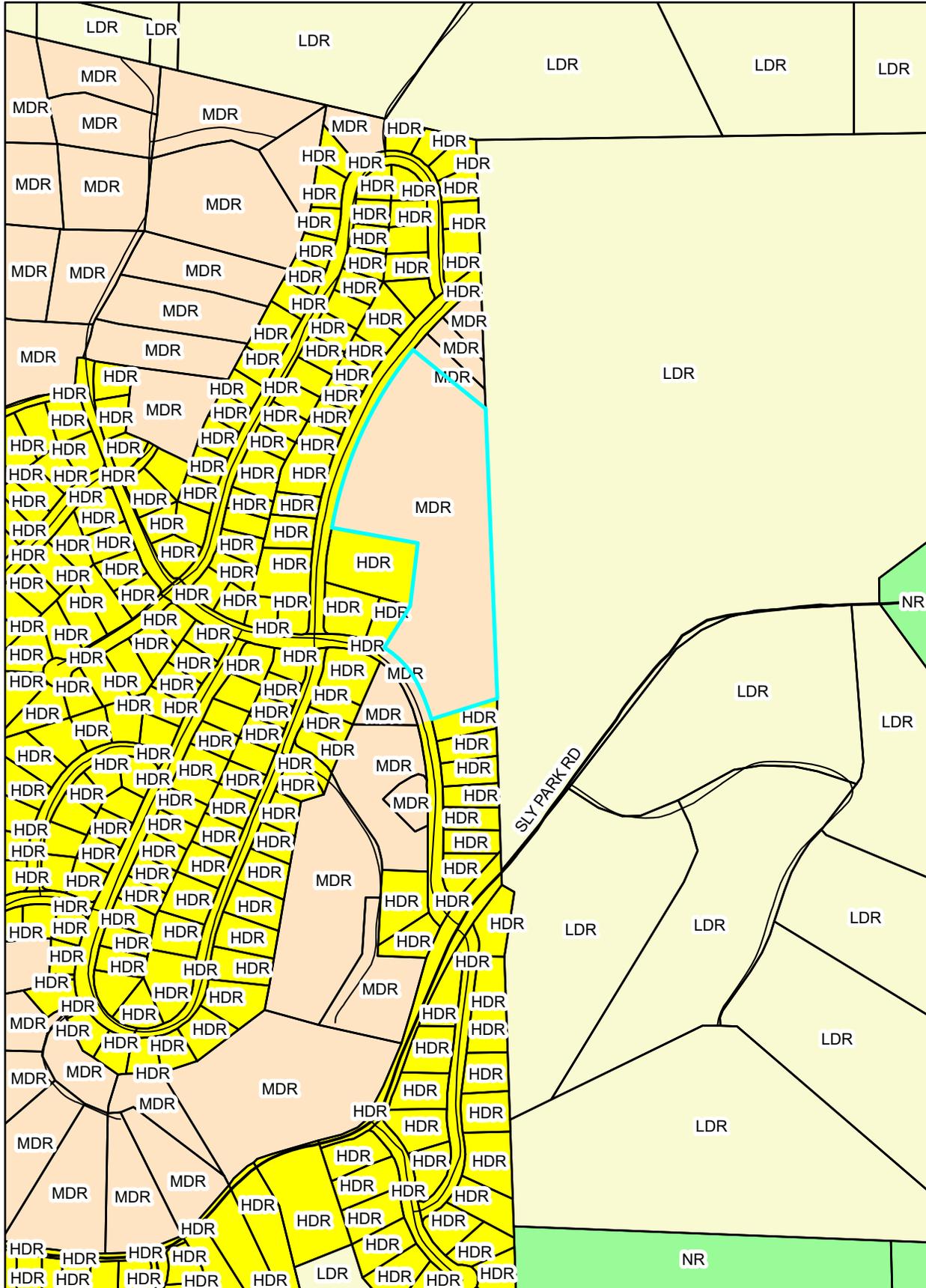
CUP24-0013 AT&T Monopine Loch Leven Dr.
Exhibit A - Vicinity Map

- Highways
- Major Roads**
- Major Roads
- Minor Roads



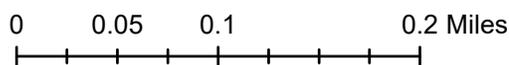
0 140 280 420 560 Feet

CUP24-0013 AT&T Monopine Loch Leven Dr.
 Exhibit B - Land Use Designation Map

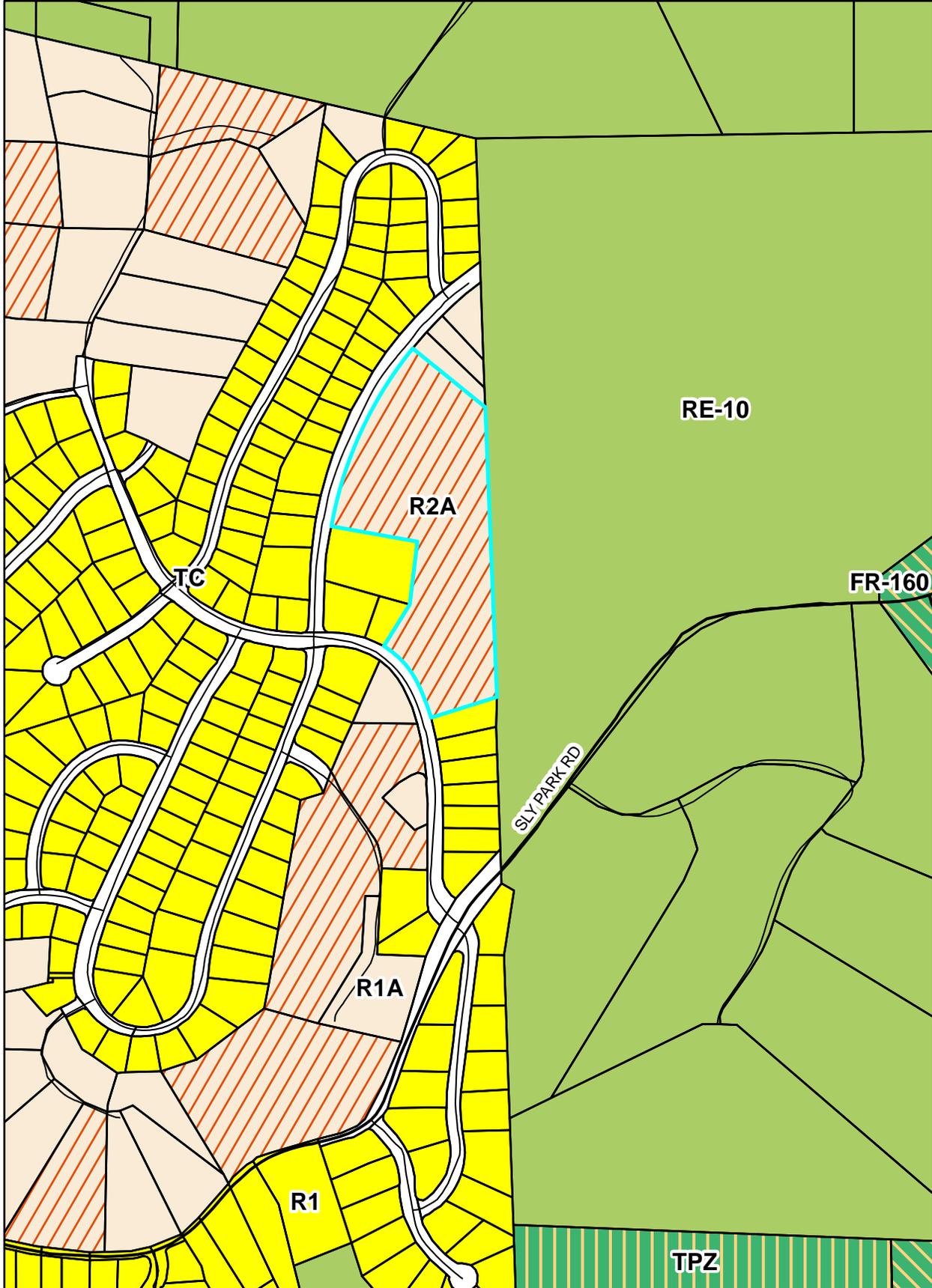


Legend

- Parcel Lines
- Roads**
- <all other values>
- CLASS**
- HIGHWAY
- MAJOR
- MINOR
- RAMP
- Adopted Plan
- Agricultural Lands
- Commercial
- High Density Residential
- Industrial
- Low Density Residential
- Medium Density Residential
- Multi-Family Residential
- Natural Resources
- Open Space
- Public Facilities
- Research & Development
- Rural Residential
- Tourist Recreational

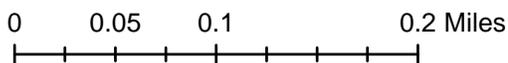


CUP24-0013 AT&T Monopine Loch Leven Dr.
 Exhibit C - Zoning Designation Map



Legend

- Parcel Lines
- Roads**
- <all other values>
- CLASS**
- HIGHWAY
- MAJOR
- MINOR
- RAMP
- FR-160 = Forest Resource 160 Acres
- TPZ = Timber Preserve
- R1 = Residential Single Unit
- R1A = Residential 1 Acre
- R2A = Residential 2 Acres
- RE-10 = Residential Estate 10 Acres
- TC = Transportation Corridor
- FR-160 = Forest Resource 160 Acres
- TPZ = Timber Preserve
- R1 = Residential Single Unit
- R1A = Residential 1 Acre
- R2A = Residential 2 Acres
- RE-10 = Residential Estate 10 Acres
- TC = Transportation Corridor



CUP24-0013 AT&T Monopine Loch Leven Dr.
Exhibit D - Telecommunication Facility Tolling Agreement

Shot Clock Tolling Agreement Letter
Cup24-0013 Loch Leven Telecommunications Facility

Page 1 of 2

December 15, 2025

Public Safety Towers, LLC.
c/o Frank Schabarum
10615 Quail Hollow Drive
Redding, CA 96003

**RE: Application CUP24-0013 Loch Leven Telecommunications Facility
Assessor's Parcel Number 042-321-007**

Dear Frank,

The above-referenced permit application (“Application”) was filed with the County of El Dorado (“County”) on December 26, 2024 . Federal law requires the County to take final action on the application within specified deadlines (also known as the “shot clock”) unless the deadline for final action is extended by mutual consent. Accordingly, in order to allow time for review of the Application site and to conduct a hearing on the Application, the County and the applicant desire to extend the applicable time period for review under the federal Telecommunications Act for the Application to **January 23, 2026** to accommodate discretionary approvals and appeal period related to the Application. If an appeal is filed, the County and applicant agree to extend the deadline an additional 45 days to account for the appeal. The County and the applicant desire to extend the applicable time by an additional 45 days upon submittal of building grading permits to accommodate the review of those permits. When countersigned, this letter will confirm an agreement between the County and the applicant to so extend the applicable time period for review. Such extension shall be deemed to be retroactive to prior to the expiration of any such time periods.

The federal Telecommunications Act requires that local governments act on wireless siting applications “within a reasonable period of time.” (See 47 U.S.C. § 332(c)(7)(B)(ii).) In a 2009 declaratory ruling, the Federal Communications Commission established a legal presumption that a local government has violated this requirement if it takes longer than 90 days to act on an application to collocate a wireless facility or 150 days to act on a request to install a wireless facility, plus the number of days it takes an applicant to respond to a notice of incomplete application provided within the first 30 days following the application date. (See In Re: Petition for Declaratory Ruling to Clarify Provisions of Section 332(c)(7)(B) to Ensure Timely Siting Review, Etc., FCC 09-99 (FCC Nov. 18, 2009) (“2009 Ruling”).) In 2018, the Federal Communications Commission codified this shot clock in Final Rule subsection 1.6003(c)(1)(iv). (See FCC Final Rule, § 1.6003(c)(1)(iv) [“The following are the presumptively reasonable periods of time for action on applications seeking authorization for deployments . . . Construction of new facilities other than small wireless facilities: 150 days.”]; see also In the Matter of Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Investment, FCC-CIRC1809-02 (FCC Sept. 5, 2018), ¶¶ 134-135 (“2018 Order”).)

Despite imposition of shot clocks, the FCC recognizes the value of “cooperation between parties to reach mutually agreed upon solutions,” including agreement to toll the running of shot clocks to allow the “parties to resolve disagreements in a collaborative, instead of adversarial, setting.” (2018 Order, ¶ 127; accord 2009 Ruling, ¶ 49; see also Cal. Gov. Code, § 65964.1(a)(1).) Final Rule subsection 1.6003(d)(1) expressly provides for tolling of a shot clock for “[t]he period of time established by written agreement of the applicant and the sitting authority.” (FCC Final Rule, § 1.6003(d)(1).)

CUP24-0013 AT&T Monopine Loch Leven Dr.
Exhibit D - Telecommunication Facility Tolling Agreement

Shot Clock Tolling Agreement Letter
Cup24-0013 Loch Leven Telecommunications Facility

Page 2 of 2

In order to allow the County to act on the Application without either party risking the loss of important rights, the parties agree that the time period within which the County may act on the Application and all related approvals under both California and Federal law shall be extended through **January 23, 2026**, and that no limitations period for any claim of unreasonable or unlawful delay in processing the Application shall commence to run before said date. The parties further agree that for any application not submitted or subject to a proper incomplete notice as of the date of this tolling agreement, such as a building permit application, the date provided for in this tolling agreement shall be extended for such application or applications by the number of days the shot clock would have been tolled under Final Rule subsections 1.6003(d)(2) and 1.6003(d)(3) for an incomplete application. If the County has not acted on the Application and other related approvals by said date, this Agreement shall not be construed as an admission by the County that such failure to act is unreasonable or unlawful, nor shall it be construed to waive or otherwise impair the applicant's rights with respect to any such claim.

If you agree, this letter agreement may be executed in counterparts, and scanned or facsimile signatures shall be deemed equivalent to original signatures. Please return a countersigned copy to me at your earliest convenience.

Best Regards,

COUNTY OF EL DORADO

Craig Osborn, Associate Planner

ACCEPTED AND AGREED TO:

By: 

Printed Name: Craig Osborn

Title: Associate Planner

APPLICANT

ACCEPTED AND AGREED TO:

By: 

Printed Name: Margie Pauley

Title: Site Acquisition Manager - West



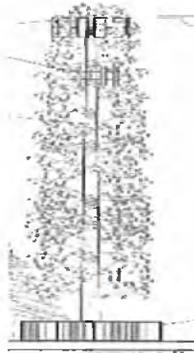
WATERFORD
COMPLIANCE...FROM START TO SIGNAL

Radio Frequency Safety Survey Report Prediction (RFSSRP) Prepared For:



Site Name: POLLP01
FA#: 15775182
USID: 332260
Site ID: CVL04301
Address: 5005 LOCH LEVEN DRIVE
POLLOCK PINES, CA 95726
County: POLK
Latitude: 38.7197693
Longitude: -120.5807122
IWM ID: WSSFR0026664
WSSFR0034318
Initiatives (s): NSB

Additional Site Information



M-RFSC Name: Wes Rumble
Site Structure Type: Monopine



SIGNED, 29 OCT 2024

Report Information

Report Writer: Mohammed Ahmed **Report Generated Date:** 10/28/2024

Compliance Statement

AT&T Mobility will be compliant when the remediation recommended in Section 5 or other appropriate remediation determined by AT&T Mobility is implemented.



Table of Contents

1	General Summary	3
1.1	Site Summary	3
2	Antenna Inventory	6
3	Predicted Emission Levels and Discussion	7
3.1	Predictive AT&T Mobility's RF Contribution Only on the Site	8
	Predictive RF Contribution from All Sources on the Site	11
4	Statement of Compliance	13
4.1	Statement of AT&T Mobility Compliance	13
4.2	Compliance Requirement Diagram	14
5	Appendix A	15
5.1	Technical Framework	15
6	Appendix B	19
6.1	Qualifications of Waterford Consultants, LLC	19
7	Appendix C	20
7.1	RoofMaster™	20
8	Appendix D	21
8.1	Statement of Limiting Conditions	21



1 General Summary

1.1 Site Summary

Existing RF Sign(s) at Access Point(s)	None
Existing RF Sign(s) at AT&T Mobility Sectors	None
Existing Barriers at AT&T Mobility Sectors	None
Max Predictive Spatial Average MPE% & Location on Site (General Public)	5885.95 % in front of AT&T Mobility
Max Predictive Spatial Average MPE% at Walkable Surface (General Public)	0.18 % MPE at 5ft Road level
Max Predictive Spatial Average MPE% at Ground (General Public)	0.53 % MPE at 0ft Ground level
Proposed Number of AT&T Antennas	12 Antennas

The analysis presented herein is based on the following documents provided by the client:

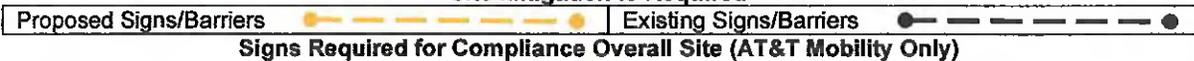
Snapshot-RF Issue Preliminary RFDS-1721948508487
POLLP01 PZD 09-30-24



Site Scale Map



Site Mitigation is Required



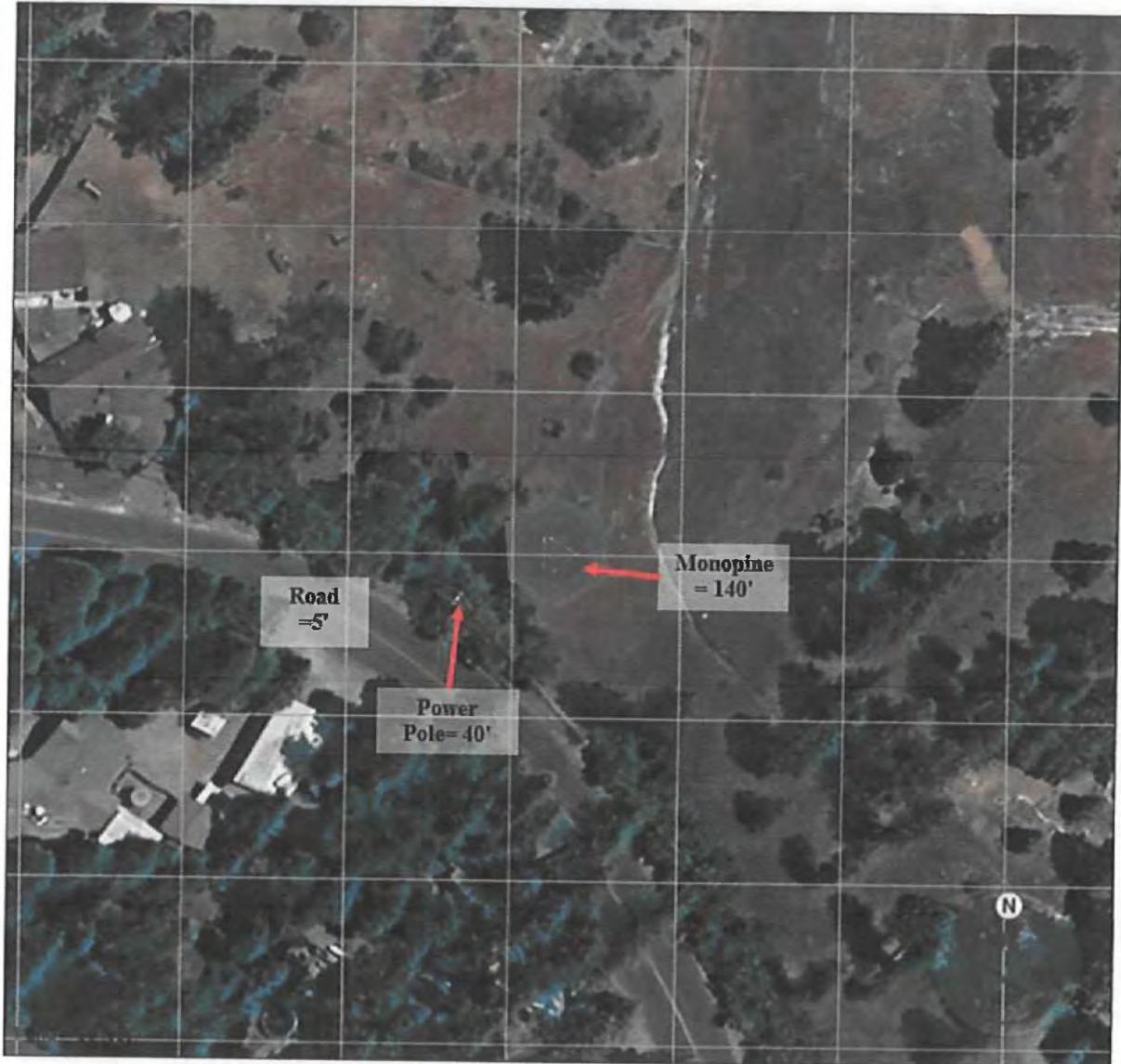


Image to show distance to surrounding buildings 50' Grid



2 Antenna Inventory

Ant #	Operator	Antenna Make	Antenna Model	Type	Frequency (MHz)	Block	mch/elec Az (Deg)	mch downtilt (Deg)	Horizontal Beam Width (Deg)	Antenna Length/Aperture (ft)	Antenna Gain (dBd)	TPO (Watts)	Total ERP (Watts)	Antenna Centerline Ground Level (ft)	Bottom of Antenna Ground Level (ft)
1	AT&T	CELLMAX	120726	Panel	700	B12	30	0	66	8.0	14.55	240.00	6842.43	130	126
1	AT&T	CELLMAX	120726	Panel	1900	B25	30	0	62	8.0	18.05	240.00	15318.27	130	126
1	AT&T	CELLMAX	120726	Panel	2100	B66	30	0	56	8.0	18.75	160.00	11998.30	130	126
1	AT&T	CELLMAX	120726	Panel	2100_3	B66A	30	0	56	8.0	18.75	80.00	5999.15	130	126
2	AT&T	ERICSSON	AIR6419	Panel	3700	B77D	30	0	66	2.4	23.5	108.44	24276.71	132.8	131.6
3	AT&T	ERICSSON	AIR6419	Panel	3500	B77G	30	0	66	2.4	23.5	54.22	12138.36	128.8	127.6
4	AT&T	CELLMAX	120726	Panel	700	B14	30	0	66	8.0	14.55	160.00	4561.63	130	126
4	AT&T	CELLMAX	120726	Panel	1900_2	B2	30	0	62	8.0	18.05	160.00	10212.22	130	126
5	AT&T	CELLMAX	120726	Panel	700	B12	150	0	66	8.0	14.55	240.00	6842.43	130	126
5	AT&T	CELLMAX	120726	Panel	1900	B25	150	0	62	8.0	18.05	240.00	15318.27	130	126
5	AT&T	CELLMAX	120726	Panel	2100	B66	150	0	56	8.0	18.75	160.00	11998.30	130	126
5	AT&T	CELLMAX	120726	Panel	2100_3	B66A	150	0	56	8.0	18.75	80.00	5999.15	130	126
6	AT&T	ERICSSON	AIR6419	Panel	3700	B77D	150	0	66	2.4	23.5	108.44	24276.71	132.8	131.6
7	AT&T	ERICSSON	AIR6419	Panel	3500	B77G	150	0	66	2.4	23.5	54.22	12138.36	128.8	127.6
8	AT&T	CELLMAX	120726	Panel	700	B14	150	0	66	8.0	14.55	160.00	4561.63	130	126
8	AT&T	CELLMAX	120726	Panel	1900_2	B2	150	0	62	8.0	18.05	160.00	10212.22	130	126
9	AT&T	CELLMAX	120726	Panel	700	B12	270	0	66	8.0	14.55	240.00	6842.43	130	126
9	AT&T	CELLMAX	120726	Panel	1900	B25	270	0	62	8.0	18.05	240.00	15318.27	130	126
9	AT&T	CELLMAX	120726	Panel	2100	B66	270	0	56	8.0	18.75	160.00	11998.30	130	126
9	AT&T	CELLMAX	120726	Panel	2100_3	B66A	270	0	56	8.0	18.75	80.00	5999.15	130	126
10	AT&T	ERICSSON	AIR6419	Panel	3700	B77D	270	0	66	2.4	23.5	108.44	24276.71	132.8	131.6
11	AT&T	ERICSSON	AIR6419	Panel	3500	B77G	270	0	66	2.4	23.5	54.22	12138.36	128.8	127.6
12	AT&T	CELLMAX	120726	Panel	700	B14	270	0	66	8.0	14.55	160.00	4561.63	130	126
12	AT&T	CELLMAX	120726	Panel	1900_2	B2	270	0	62	8.0	18.05	160.00	10212.22	130	126



Site Name: POLLP01
Site FA: 15775182

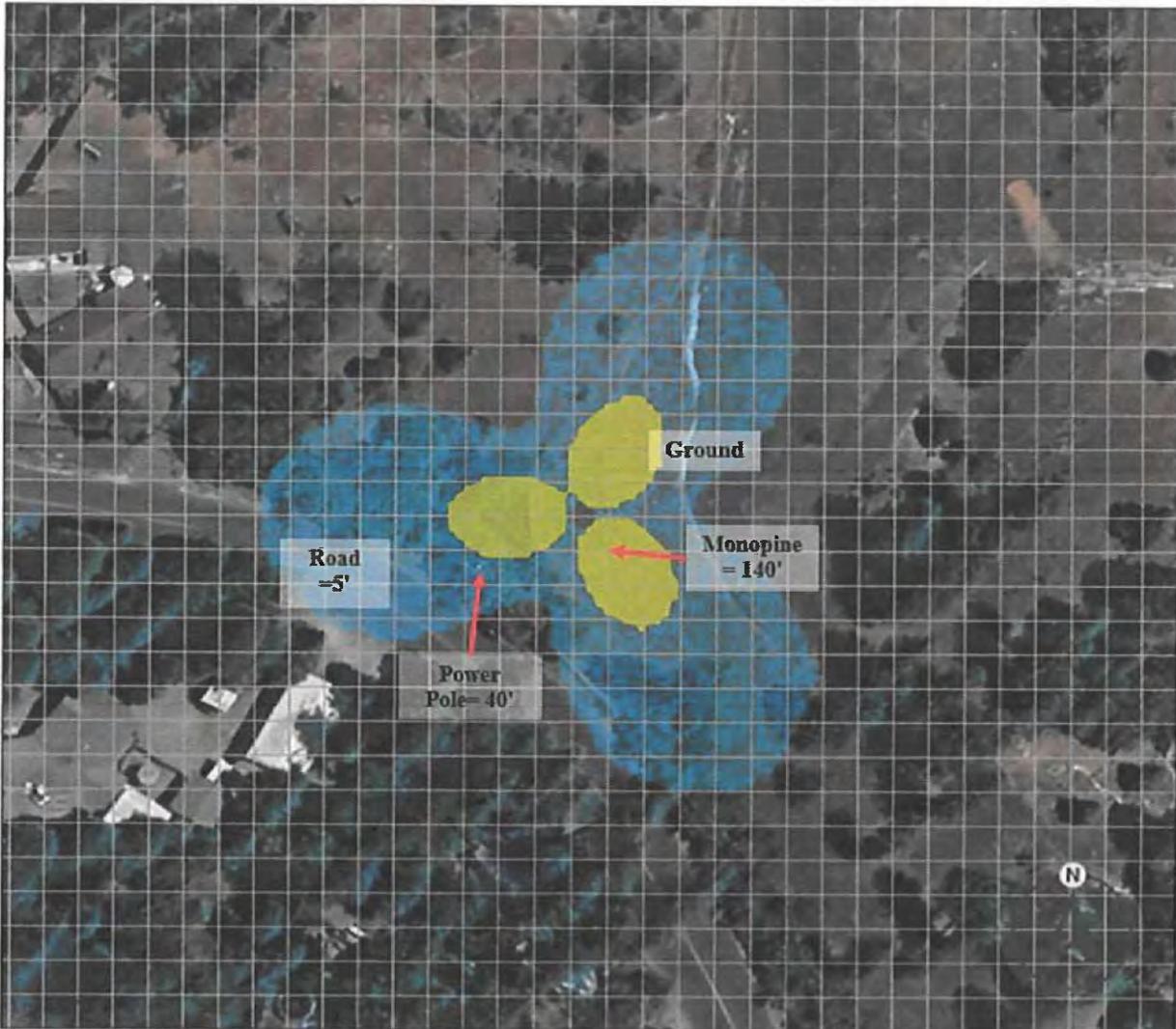
3 Predicted Emission Levels and Discussion

The following plots show the spatial average predicted power density levels in the reference plane indicated as a percentage of the General Public Limits. Please note that 100% of the General Public Limits corresponds to 20% of the Occupational Limits.

The reference plane for the plot is the roof level, as indicated in the caption. For example, "Avg 10 to 16 Feet" refers to the spatial average predicted power density level between 10 and 16 feet above the main level. Plots are produced for each accessible level. Levels that are not accessible will not be shown. Only accessible areas in a plot are relevant. Areas not accessible or in free space, off the edge of a roof or equipment penthouse, do not affect compliance.

Site Name: POLLP01
 Site FA: 15775182

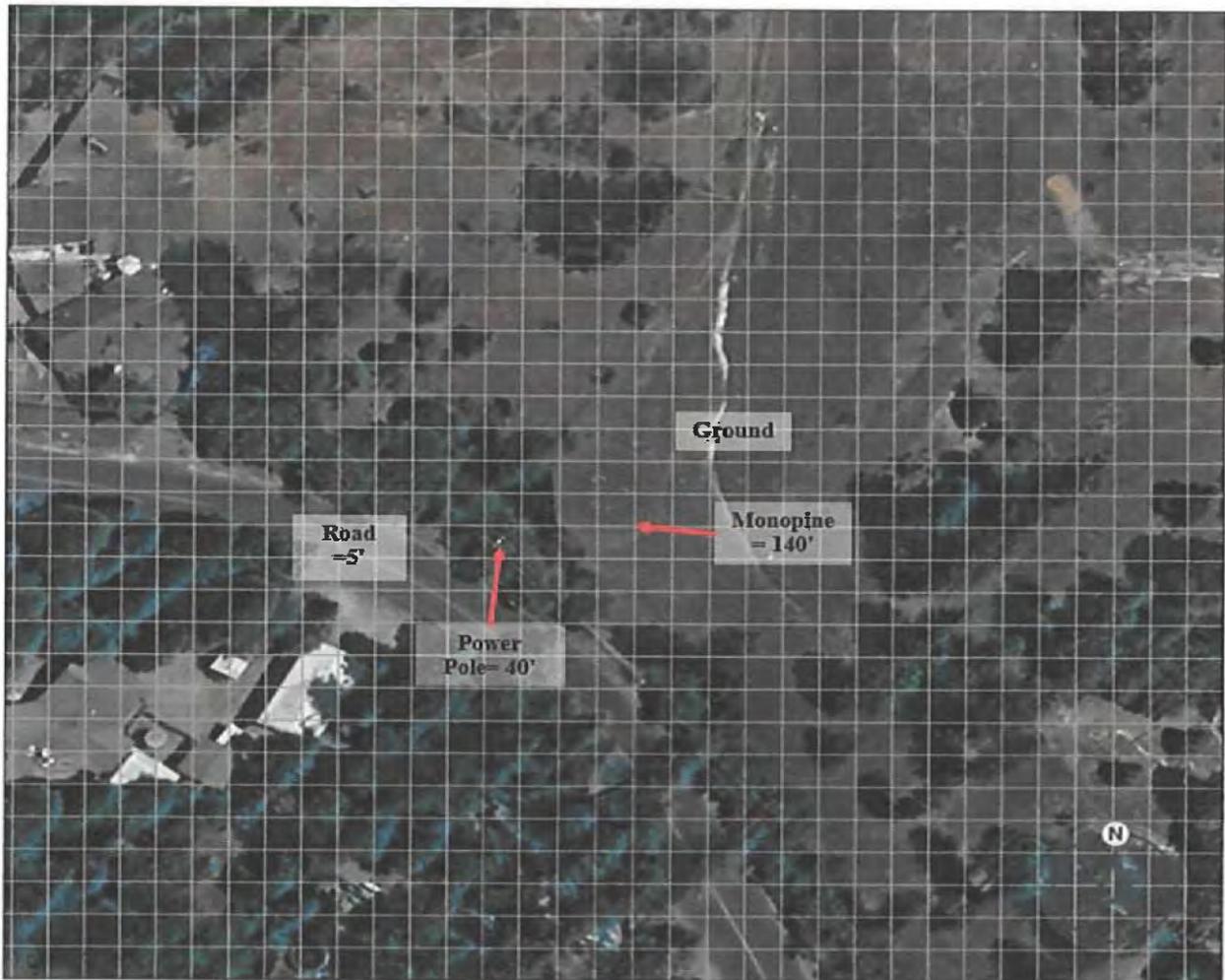
3.1 Predictive AT&T Mobility's RF Contribution Only on the Site



Legend						
Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Antennas Level	110.0 - 160.0	3D Area	3D Sula9 GP 5.0 res	5885.95%	0.00	AT&T
100%-500%		500%-5000%		5000%+		
Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF	
3D Sula9 GP 5.0 res	Sula 9	Spatial Average (6 ft)	FCC General Population	5.0 ft3	1.0	
● AT&T						
Grid Size: 10.00 feet				Floor = Elevation + 6' Mid-Level = Elevation +/- 3'		

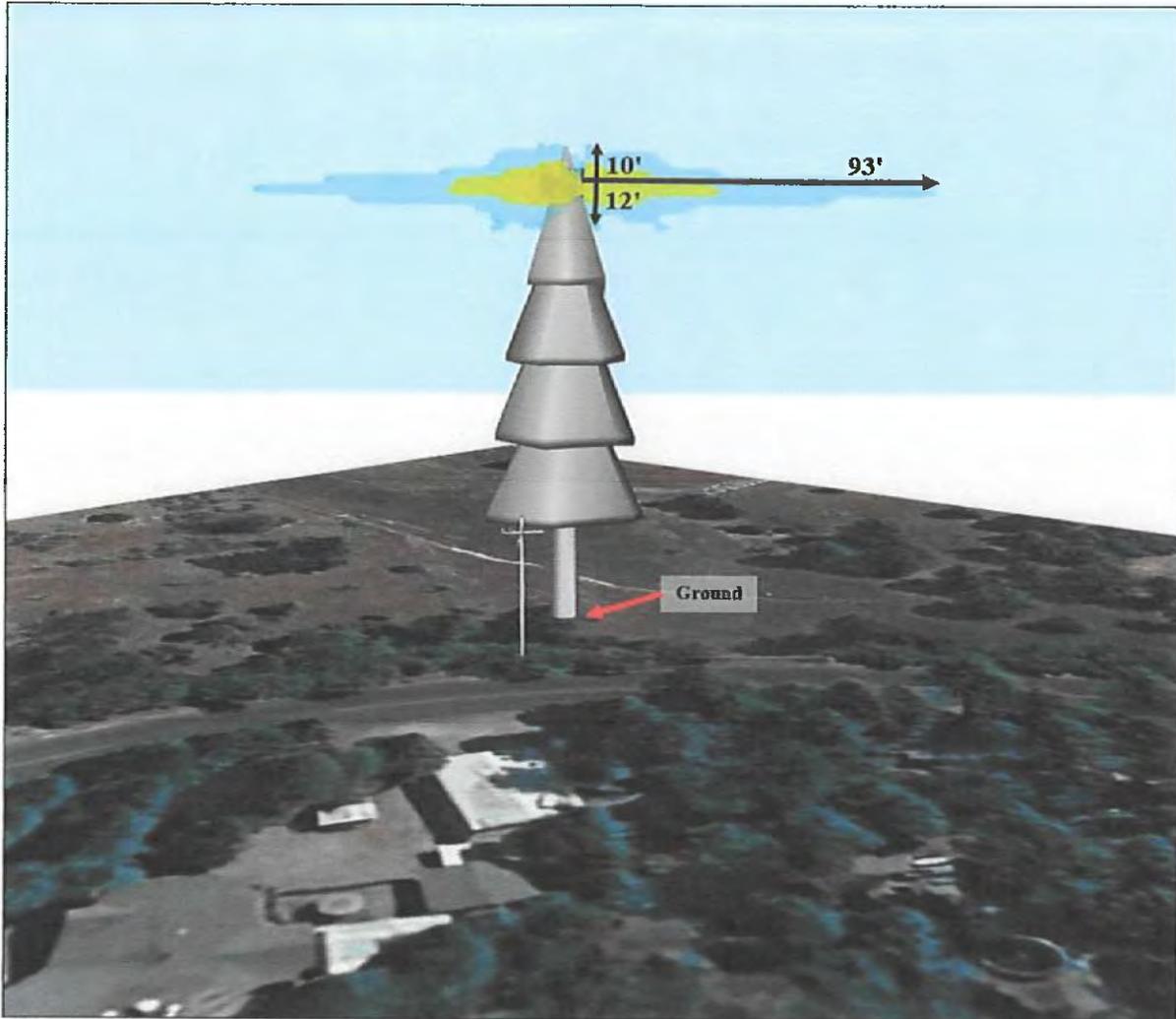


Site Name: POLLP01
 Site FA: 15775182



Legend						
Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Power Pole	0.1 - 40.1	3D Area	3D Sula9 GP 5.0 res	0.53%	0.00	AT&T
100% - 500%		500% - 5000%		5000% +		
Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Ground	0.1	Floor	2D Sula9 GP 0.25 res	0.53%	0.00	AT&T
Road	5.0	Floor	2D Sula9 GP 0.25 res	0.18%	0.00	AT&T
5% - 100%		100% - 500%		500% - 5000%		5000% +
Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF	
3D Sula9 GP 5.0 res	Sula 9	Spatial Average (6 ft)	FCC General Population	5.0 ft3	1.0	
2D Sula9 GP 0.25 res	Sula 9	Spatial Average (6 ft)	FCC General Population	0.25 ft3	1.0	
● AT&T						
Grid Size: 10.00 feet			Floor = Elevation +6' Mid-Level = Elevation +/- 3'			

Site Name: POLLP01
 Site FA: 15775182



Legend

Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Elevation	110.0 - 160.0	3D Area	3D Sula9 GP 5.0 res	5885.95%	0.00	AT&T
100% - 500%		500% - 5000%		5000% +		
Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF	
3D Sula9 GP 5.0 res	Sula 9	Spatial Average (6 ft)	FCC General Population	5.0 ft3	1.0	

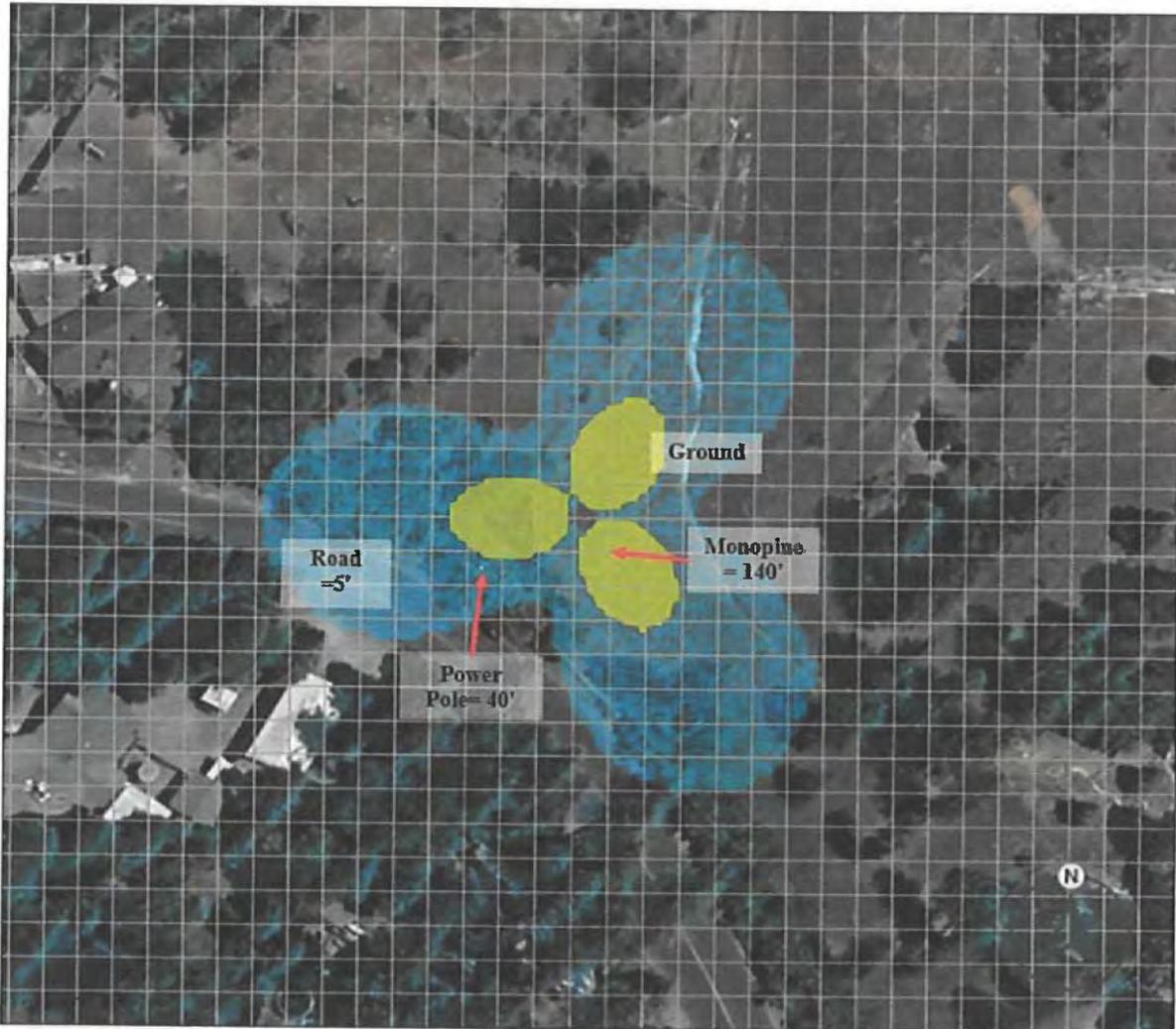
● AT&T

Grid Size: 10.00 feet Floor = Elevation +6' | Mid-Level = Elevation +/- 3'



Site Name: POLLP01
 Site FA: 15775182

Predictive RF Contribution from All Sources on the Site



Legend						
Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Antennas Level	110.0 - 160.0	3D Area	3D Sula9 GP 5.0 res	5885.95%	0.00	AT&T
100%-500%		500%-5000%		5000%+		
Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF	
3D Sula9 GP 5.0 res	Sula 9	Spatial Average (6 ft)	FCC General Population	5.0 ft3	1.0	
● AT&T						
Grid Size: 10.00 feet				Floor = Elevation +6' Mid-Level = Elevation +/- 3'		

Site Name: POLLP01
 Site FA: 15775182



Legend						
Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Power Pole	0.1 - 40.1	3D Area	3D Sula9 GP 5.0 res	0.53%	0.00	AT&T
100%-500%		500%-5000%		5000%+		
Study Zone	Elev. (ft)	Type	Exposure Profile	Max MPE	Att	Carriers
Ground	0.1	Floor	2D Sula9 GP 0.25 res	0.53%	0.00	AT&T
Road	5.0	Floor	2D Sula9 GP 0.25 res	0.18%	0.00	AT&T
5%-100%		100%-500%		500%-5000%		5000%+
Exposure Profile Name	Model	Exposure Area	Standard	Resolution	RCF	
3D Sula9 GP 5.0 res	Sula 9	Spatial Average (6 ft)	FCC General Population	5.0 ft3	1.0	
2D Sula9 GP 0.25 res	Sula 9	Spatial Average (6 ft)	FCC General Population	0.25 ft3	1.0	
● AT&T						
Grid Size: 10.00 feet				Floor = Elevation +6' Mid-Level = Elevation +/- 3'		



4 Statement of Compliance

4.1 Statement of AT&T Mobility Compliance

At the time of our assessment, AT&T Mobility is required to take action to comply with FCC Radiofrequency Radiation Exposure Limits.



Site Name: POLLP01
Site FA: 15775182

4.2 Compliance Requirement Diagram



Recommendations
AT&T Mobility:
Install (Caution 2B) sign at 12ft below the antennas or 114ft from the base of the Monopine.

Materials – (Caution 2B)

Proposed Signs/Barriers  Existing Signs/Barriers 



5 Appendix A

5.1 Technical Framework

The FCC requires licensees to ensure that persons are not exposed to radiofrequency electromagnetic energy power densities in excess of the applicable MPE (Maximum Permissible Exposure) limits. These rules apply to both Occupational Personnel and the General Population. Applicable FCC rules are found at 47 C.F.R. §§ 1.1307(b)(3) and 1.1310. The FCC rules define two tiers of permissible exposure differentiated by the situation in which the exposure takes place and/or the status of the individuals who are subject to exposure.

General Population / uncontrolled exposure limits apply to those situations in which persons may not be aware of the presence of electromagnetic energy, where exposure is not employment-related, or where persons cannot exercise control over their exposure.

Occupational / controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment, have been made fully aware of the potential for exposure, and can exercise control over their exposure.

Maximum Permissible Exposure ("MPE") is defined in OET 65 as being 100% of the exposure limits for the situation or tier of permissible exposure. These limits are listed as follows:

Limits for Occupational/Controlled Exposure

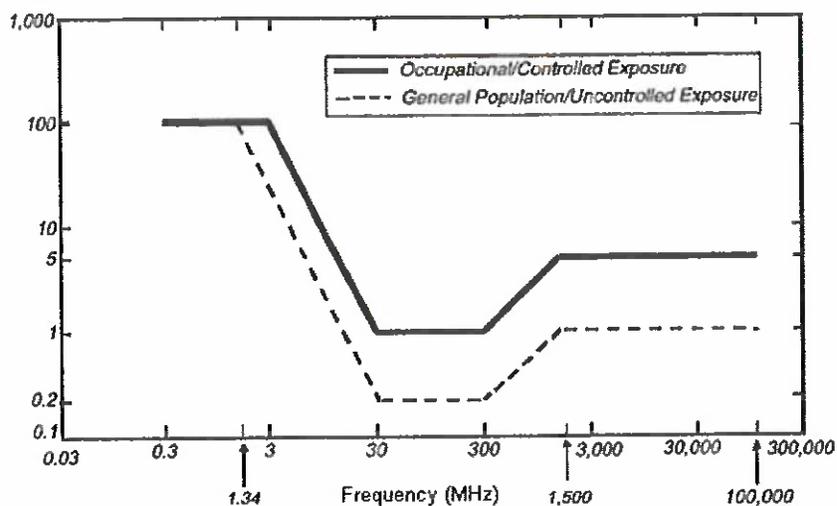
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.5	0.163	1.0	6
300-1500	--		f/300	6
1500-100,000	--		5	6

Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	842/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	--		f/1500	30
1500-100,000	--		1.0	30

f = frequency in MHz

*Plane-wave equivalent power density



FCC Limits for Maximum Permissible Exposure (MPE)
Plane-wave Equivalent Power Density

For any area in excess of 100% General Population MPE, access controls with appropriate RF alerting signage must be put in place and maintained to restrict access to authorized personnel. Subject to other site security requirements, Occupational Personnel trained in RF safety and equipped with personal protective equipment designed for safe work in the vicinity of RF may be granted access. Controls such as physical barriers to entry imposed by locked doors, locked passageways, or other access control mechanisms may be supplemented by alarms that alert the individual and notify site management of a breach in access control. Controls may include administrative policies and procedures requiring personal protective equipment (e.g. RF personal monitor), proof of RF training to obtain site access cards, presentation of appropriate RF awareness training certifications to security personnel or other measures designed to prevent uncontrolled access.

The signs below are examples of signs meeting FCC guidelines.



AT&T operates antennas at this site.
Beyond This Point you are entering an area where radio frequency (RF) fields **may exceed** the FCC General Population Exposure Limits.
 Follow safety guidelines for working in an RF environment.
 Contact AT&T at 800-638-2822, option 9 and 3, and follow their instructions prior to performing any maintenance or repairs above this point.
 This is AT&T site: _____



AT&T operates antennas at this site.
Beyond This Point you are entering an area where radio frequency (RF) fields **may exceed** the FCC Occupational Exposure Limits.
 Follow safety guidelines for working in an RF environment.
 Contact AT&T at 800-638-2822, option 9 and 3, and follow their instructions prior to performing any maintenance or repairs above this point.
 This is AT&T site: _____



AT&T operates antennas at this site.
In the Striped Area you are entering an area where radio frequency (RF) fields **may exceed** the FCC Occupational Exposure Limits.
 Follow safety guidelines for working in an RF environment.
 Contact AT&T at 800-638-2822, option 9 and 3, and follow their instructions prior to performing any maintenance or repairs above this point.
 This is AT&T site: _____



On this tower:
 Radio frequency (RF) fields near some antennas **may exceed** the FCC Occupational Exposure Limits.
 Contact AT&T at 800-638-2822, option 9 and 3, and follow their instructions prior to performing maintenance or repairs above this point.
 Personnel climbing this tower should be trained for working in RF environments and use a personal RF monitor if working near active antennas.
 This is AT&T site: _____



AT&T operates antennas at this site.
Beyond This Point you are entering an area where radio frequency (RF) fields **exceed** the FCC Occupational Exposure Limits.
 Follow safety guidelines for working in an RF environment.
 Contact AT&T at 800-638-2822, option 9 and 3, and follow their instructions prior to performing any maintenance or repairs above this point.
 This is AT&T site: _____



AT&T operates antennas at this site.
In the Striped Area you are entering an area where radio frequency (RF) fields **exceed** the FCC Occupational Exposure Limits.
 Failure to follow safety guidelines for working in an RF environment could result in serious injury.
 Contact AT&T at 800-638-2822, option 9 and 3, and follow their instructions prior to performing any maintenance or repairs above this point.
 This is AT&T site: _____

NOTICE



NO WORK _____ FEET ABOVE GROUND LEVEL UNLESS TRAINED IN RADIO FREQUENCY (RF) SAFETY

Above this level, RF fields may exceed the FCC General Population Exposure Limits.
 If not trained in RF safety, call 800-638-2822 (option 9 and 3) to turn off the cell site USID below.
 Cell site address: _____
 Cell site USID: _____ 

CAUTION



NO WORK _____ FEET ABOVE GROUND LEVEL UNLESS TRAINED IN RADIO FREQUENCY (RF) SAFETY

Above this level, RF fields may exceed the FCC Occupational Exposure Limits.
 If not trained in RF safety, call 800-638-2822 (option 9 and 3) to turn off the cell site USID below.
 Cell site address: _____
 Cell site USID: _____ 



FCC regulations regarding Radiofrequency radiation exposure, expressed in 47 CFR § 1.1310 are further clarified with respect to the value of 5% of exposure limits for the subject transmitters in the following section of 47 CFR § 1.1307 (b):

(3) In general, when the guidelines specified in § 1.1310 are exceeded in an accessible area due to the emissions from multiple fixed transmitters, actions necessary to bring the area into compliance are the shared responsibility of all licensees whose transmitters produce, at the area in question, power density levels that exceed 5% of the power density exposure limit applicable to their particular transmitter or field strength levels that, when squared, exceed 5% of the square of the electric or magnetic field strength limit applicable to their particular transmitter. Owners of transmitter sites are expected to allow applicants and licensees to take reasonable steps to comply with the requirements contained in § 1.1307(b) and, where feasible, should encourage co-location of transmitters and common solutions for controlling access to areas where the RF exposure limits contained in § 1.1310 might be exceeded.

Following these FCC requirements, predictive modeling has been performed to evaluate power density resulting from client transmitters as a percentage of the power density MPE limit applicable to their transmitters. These results are presented in Section 4.

The site should be routinely inspected and this or a similar report updated with any changes to the RF environment including:

- Adding new antennas
- Removing of any existing antennas
- Change in the radiating power or number of RF emitters

Waterford Consultants, LLC recommends coordinating with all wireless tenants before performing services in front of or near any transmitting antennas. During these activities, it may be appropriate to utilize Lockout/Tagout Procedures as specified in ATT-002-290-078, "RF Exposure: Responsibilities, Procedures & Guidelines" for scheduled outages to eliminate RF hazards during these activities.



6 Appendix B

6.1 Qualifications of Waterford Consultants, LLC

Waterford Consultants, LLC [Waterford] provides technical consulting services to clients in the Radio Communications and antenna locating industry. Waterford retains professional engineers who are placed in responsible charge of the processes for analysis.

Waterford is familiar with 47 C.F.R. § § 1.1307(b)(3) and 1.1310 along with the general Rules, Regulations and policies of the FCC. Waterford work processes incorporate all specifications of FCC Office of Engineering and Technology, Bulletin 65 ("OET65"), from the website: www.fcc.gov/oet/rfsafety and follow criteria detailed in 47 CFR § 1.1310 "Radiofrequency Radiation Exposure Limits".

Within the technical and regulatory framework detailed above, Waterford developed tools according to recognized and generally accepted good engineering practices. Permissible exposure limits are band specific, and the Waterford computerized modeling tools correctly calculate permissible exposure based on the band(s) specified in the input data. Only clients and client representatives are authorized to provide input data through the Waterford web portal. In securing that authorization, clients and client representatives attest to the accuracy of all input data.

Waterford Consultants, LLC attests to the accuracy of the engineering calculations computed by those modeling tools. Furthermore, Waterford attests that the results of those engineering calculations are correctly summarized in this report.



7 Appendix C

7.1 RoofMaster™

RoofMaster™ is the software package that Waterford Consultants, LLC created to model RF environments associated with multiple emitters where the potential exists for human exposure. Based on the computational guidelines set forth in OET Bulletin 65 from the Federal Communications Commission (FCC), RoofMaster™ considers the operating parameters of specified RF sources to predict the overall Maximum Permissible Exposure possible at a given location. These theoretical results represent worst-case predictions as emitters are assumed to be operating at 100% duty cycle.

From the FCC document:

“The revised OET Bulletin 65 has been prepared to provide assistance in determining whether proposed or existing transmitting facilities, operations or devices comply with limits for human exposure to radiofrequency (RF) fields adopted by the Federal Communications Commission (FCC). The bulletin offers guidelines and suggestions for evaluating compliance.”

http://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet65/oet65.pdf

8 Appendix D

8.1 Statement of Limiting Conditions

Waterford Consultants, LLC has received data pertaining to RF environment provided by the client. Waterford Consultants, LLC will not be responsible for matters of a legal nature that affect the site or property. The property has been analyzed under the premise that it is under responsible ownership and management and our client has the legal right to conduct business at this facility.

Due to the complexity of some wireless sites, Waterford Consultants, LLC has created this report utilizing best industry practices and due diligence. Waterford Consultants, LLC cannot be held accountable or responsible for anomalies or discrepancies due to actual site conditions (i.e., mislabelling of antennas or equipment, inaccessible cable runs, inaccessible antennas or equipment, etc.) or information or data supplied by Wireless Carrier, the site manager, or their affiliates, subcontractors or assigns.

Waterford Consultants, LLC has provided the results of a computer generated model in this MPE Site Compliance Report to show approximate dimensions of the site, and the model results is included to assist the reader of the compliance report to visualize the site area, and to provide supporting documentation for Waterford Consultants, LLC recommendations.

Waterford Consultants, LLC will not be responsible for any existing conditions or for any engineering or testing that might be required to discover whether adverse safety conditions exist. Because Waterford Consultants, LLC is not an expert in the field of mechanical engineering or building maintenance, this MPE Site Compliance Report must not be considered a structural or physical engineering report.

Waterford Consultants, LLC obtained information used in this MPE Site Compliance Report from sources that Waterford Consultants, LLC considers reliable and believes them to be true and correct. Waterford Consultants, LLC does not assume any responsibility for the accuracy of such items that were furnished by other parties.