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Environmental, Remediation, and Geological Consultants

**DRAFT ENVIRONMENTAL ASSESSMENT
State of Mississippi MSWIN 20115 Communications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914**

Prepared for:
Towers of Mississippi
Spanish Fort, Alabama

&

State of Mississippi
Jackson, Mississippi

&

Federal Emergency Management Agency
Washington, D.C.

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1.0 INTRODUCTION

The State of Mississippi created the Mississippi Wireless Communication Commission (MWCC) by statute in 2005 to oversee the construction and operation of the Mississippi Wireless Integrated Network (MSWIN) project. MSWIN is wireless voice and data capable infrastructure, providing all users with a public-safety grade, statewide, interoperable, seamless roaming radio system. This 700 MHz Public Safety System is intended to provide highly reliable, fast access, private (within groups and individuals) communications to a wide variety of government and first-responder users within the State of Mississippi. MSWIN is funded largely by federal funds administered through the Department of Homeland Security and the Federal Emergency Management Agency.

The MSWIN network consists of over 140 tower sites to transmit and receive 700 MHz radio communications along with 6.7 GHz microwave connections to nearby towers to backhaul the communication to the closest switch. As part of the network, this tower will support a myriad of equipment that will provide emergency response communications for the population within approximately fifteen miles surrounding this proposed site.

System users vary from public safety, governmental executive and administrative personnel to road maintenance crews. In addition to routine communications, users will also depend on the network during life threatening conditions and emergency situations. Flooding, hurricanes, earthquakes, tornadoes, and other natural or man-made catastrophes often require effective wide-area, interoperable communications. Thus, communications within the State of Mississippi are most critical when they are most susceptible to failure. Consequently, a high degree of redundancy and fail-safe design is essential to this success of this project.

The proposed tower facility will be accessed via locked gate off of Highway 43. The tower will have two parking spaces at the entrance of the fenced tower compound. The compound surrounding the tower and equipment will consist of a seven-foot tall security fence with an additional foot of barbed wire surrounding the site. The tower will be built to withstand extreme weather conditions and engineered and constructed to the latest tower standards of ANSI/TIA-222-G (class III supporting public safety and mission critical communications). All radio equipment on the tower will be operated in compliance with all requirements of frequency and power output as regulated by the Federal Communications Commission. Additionally, the gates and fence will have attached no trespassing and other notice and warning signs as may be required by applicable local and federal laws.

Routine operations of the tower facility will have limited vehicular traffic excepting maintenance and routine periodic inspections. Running water or sanitary facilities are not used at the facility. Power facilities are available and will be routed in during construction.



The tower will not interfere with local residence or the use of the surrounding properties. The increase of vehicular traffic into the area is anticipated to be negligible. The tower and communication systems located thereon will not interfere with other communication systems in the area.

The tower is designed to allow other uses on the structure to promote collocation with up to three positions suitable for cellular telephone type wireless service providers. This further reduces the potential need for further towers in the area. In addition, the tower is designed to accommodate additional government communications equipment as the need to provide mission critical radio infrastructure increases in the future.

1.1 PURPOSE

The purpose of the National Environmental Policy Act (NEPA) Checklist screening and Environmental Assessment (EA) is to provide information regarding the subject property required by the Federal Communication Commission (FCC), as described in Title 47 of the Code of Federal Regulations (CFR) Chapter I, Part 1, Subpart I titled *Procedures Implementing the National Environmental Policy Act (NEPA) of 1969*, Sections 1.1307(a)(1) through (8). In addition, this EA was prepared to address items required by the Federal Emergency Management Agency (FEMA) as part of its environmental and historical review process.

This project is being funded using a FEMA grant (2008-MS-MX-0001) and the State of Mississippi's expenditures at this site will include purchase and installation of 700 MHz RF equipment and microwave telecommunication backbone network, equipment shelter, network integration, acceptance testing, communication hardware optimization and system exercising and piloting of interoperability capabilities of the network.

NEPA requires that Federal agencies consider the environmental consequences of proposed actions before deciding to fund an action. The intent of NEPA is to protect, restore, or enhance the environment through well-informed decision making. The Council on Environmental Quality was established under NEPA to implement and oversee Federal policy in this process and implemented the procedural provisions of NEPA codified at 40 CFR 1500-1508. An Environmental Assessment (EA) related to a FEMA program must be prepared according to the requirements of the Stafford Act and 44 CFR Part 10. This EA has been prepared to evaluate the potential effects to the natural and human environment from construction of a new communications tower.



1.2 NEED

The proposed communications facility is part of the proposed Mississippi Wireless Integrated Network (MSWIN). This network is intended to facilitate seamless communications between federal, state, and local emergency personnel during natural or man-made disasters and/or emergencies.

1.3 ALTERNATIVES CONSIDERED

Four alternatives were considered for the Proposed Action (construction and operation of the proposed MSWIN 20115 Communications Facility). These alternatives included the Proposed Action, No-Action Alternative, collocation, and alternate technologies. These alternatives are described below.

1.3.1 Proposed Action

The Proposed Action consists of construction of a 400-foot guyed communications tower and associated equipment compound to facilitate installation and operation of wireless communications antennae to provide integrated emergency communications between federal, state, and local agencies. These antennae include microwave dishes that are to be used to send and receive information over long distances without the limitations associated with connection to land lines/cables (primarily interruptions in service due to damage to land lines/cables during emergencies or natural disasters).

1.3.2 No-Action Alternative

Under the No-Action Alternative the proposed project would not be constructed. No adverse environmental impacts are believed to be associated with the No-Action Alternative. However, the no-action alternative would result in a cost to the residents in the service area of this project associated with loss of integrated emergency communications service in the subject area. This cost must be compared to the potential adverse environmental impacts and social cost benefits associated with the Proposed Action.

Wireless communication systems provide a social benefit through increased ease of non-business communication. Roadway accidents, fires, and other emergency situations can be reported faster using wireless communications equipment. Wireless communications also provide critical assistance to emergency personnel during natural disasters (flood, hurricanes, tornadoes, etc.) and national emergencies.

1.3.3 Collocation

It is our understanding that the State of Mississippi and Towers of Mississippi explored collocation opportunities within the required service area for this project. However, no collocation opportunities meeting the technical requirements for the proposed project were identified.



1.3.4 Alternate Technologies

Among the possible alternatives to the MSWIN network are a) satellite communications, b) commercial cellular communications, and c) the existing State operated networks.

Satellite communications is commercially available and is currently used as a backup communications method in the event the primary systems fail. Satellite communications is cost prohibitive for the 30,000 users who would be a part of the MSWIN radio network.

Commercial cellular communication services are available in much of the service area MSWIN will provide, but not all of the State of Mississippi is covered by a single cellular operator. MSWIN will provide 97% radio coverage over the state, is more secure than commercial cellular service, is more survivable in the event of natural disasters, and is dedicated to public safety missions. Cellular is an adequate limited backup to the routine and emergency requirements of public safety, but is not adequate for daily operational usage and extreme emergency situations, as compared to the MSWIN system.

The existing State operated radio systems are aging and limited in their coverage reach. The field and dispatch radios are nearing obsolescence and are difficult to find new replacement parts for. The needs of a growing Mississippi will be met by the new technology the MSWIN network provides.

1.4 AFFECTED ENVIRONMENT

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast ¼ of the southwest ¼ of Section 29, Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37" north and longitude 89°54'32" west (Figure 1). The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and an existing grassed access road located off of Highway 43 in Sharon, Mississippi 39046. The site is a portion of a pine plantation that slopes gently downward to the northwest. The northern guy easement extends across a grassed field into a wooded area comprised of hardwoods up to approximately ten inches diameter at breast height (dbh). The northern guy easement slopes downward toward the northwest crossing a drainageway then ending on a hillside. The southeastern guy easement crosses a drainageway and ends in a pine plantation that slopes gently downward to the northwest. The southwestern guy easement extends over a hillside into a pine plantation with trees up to eight inches dbh. Proposed activities by the State of Mississippi consist of installation of communications antennae and associated cable on a 450-foot guyed communications tower to be constructed and owned by Towers of Mississippi. The State of Mississippi will place support equipment on a concrete pad within the tower compound to be provided by Towers of Mississippi. A copy of the portion of the 2007 aerial photograph depicting the site layout has been included as Figure 2 and site photographs have been included as Figures 3 through 7. A copy of the site survey is included as Appendix A.



1.5 FCC ENVIRONMENTAL COMPLIANCE CHECKLIST

POTENTIAL ENVIRONMENTAL IMPACT	YES	NO
1. Will this facility be located in an officially designated wilderness area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Will this facility be located in an officially designated wildlife preserve?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Will this facility affect listed threatened or endangered species or designated critical habitats?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Is this facility likely to jeopardize the continued existence of any proposed threatened or endangered species or result in the destruction or adverse modification of proposed critical habitats?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Will the facility affect districts, sites, buildings, structures, or objects that are listed or eligible for listing in the National Register of Historic Places?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Will the facility affect Indian religious sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Will the facility be located in a floodplain?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Will the facility involve significant change in surface features (i.e. wetland fill, deforestation, diversion)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Will the facility be located in a residential area and equipped with high intensity white lights?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Will the facility result in a potential exposure of workers or the general public to levels of radio frequency radiation in excess of the MPE?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1.6 INFORMATION SOURCES

Completion of this NEPA Checklist included utilization of the following sources:

1. Review of the portion of the 2007 aerial photograph depicting the site available through Maptech.
2. Review of the site survey prepared by SMW Engineering, Inc.
3. Review of information regarding National Scenic Trails and All-American Roads available on the Mississippi Department of Transportation Internet website.
4. Review of information regarding wild and scenic rivers in the vicinity of the proposed project available at Rivers.gov.
5. Review of the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission.
6. Correspondence to and from the Department of the Army Corps of Engineers regarding potential impacts to jurisdictional wetlands by the proposed project.
7. A review of information available on the USFWS Internet website, at Nationalatlas.gov, and on Wilderness.net regarding officially designated wilderness areas or wildlife refuges.
8. Correspondence from the USFWS regarding threatened and endangered species on or near the site.



9. Review of the FCC Form 620 prepared for the site by MRS Consultants, LLC and Environmental Engineers, Inc.
10. Correspondence from the Mississippi Department of Archives and History regarding historical resources and properties listed on or eligible for listing on the National Register of Historic Places on or near the site.
11. Review of the Tower Construction Notification System Notice of Organizations Which Were Sent Proposed Tower Construction Notification Information provided by the FCC.
12. Correspondence and conversations with representatives of the Alabama-Coushatta Tribe of Texas, Choctaw Nation of Oklahoma, Kialegee Tribal Town, Mississippi Band of Choctaw Indians, Seminole Tribe of Florida, and the Tunica-Biloxi Indians of Louisiana regarding wireless telecommunications projects.
13. Review of the FEMA Flood Insurance Rate Map regarding flood zone designations for the site.
14. Review of information available on the USFWS National Wetlands Inventory Internet website containing the site regarding potential jurisdictional wetlands on or adjacent to the site.
15. Information regarding the MSWIN system provided by Towers of Mississippi.
16. Information regarding site soils available through the United States Department of Agriculture (USDA) Web Soil Survey Internet website.
17. Correspondence to and from the USDA Natural Resource Conservation Service (NRCS) office in Jackson, Mississippi regarding impacts to prime farmland, unique farmland, and land of statewide or local importance.
18. A reconnaissance of the subject property.

2.0 WILDERNESS AREAS/PRESERVES

The proposed communications facility will not adversely affect wilderness areas. Based on a review of information available through the Wilderness.net Internet website, two wilderness areas are located in Mississippi – Black Creek Wilderness and Leaf Wilderness. Each of these wilderness areas are located in the southeastern portion of the state and would not be affected by the proposed communications tower project. Maps showing the locations and boundaries of the Black Creek Wilderness and the Leaf Wilderness are included as Appendix B.

The proposed communications facility will not adversely affect any wildlife refuges. Based on a review of information available at the USFWS Internet website and at the Nationalatlas.gov Internet



website, the site is not located within the boundaries of, or adjacent to, any wildlife refuges. Maps showing the location of wildlife refuges in the state of Mississippi are included as Appendix C.

3.0 BIOLOGICAL RESOURCES

3.1 THREATENED AND ENDANGERED SPECIES

The proposed communications facility will not adversely affect federally-listed threatened or endangered species. Information regarding the proposed wireless telecommunications tower was submitted to the USFWS by Environmental Engineers, Inc. The USFWS responded via letter dated January 5, 2010 stating “There is one federally listed terrestrial species for Madison County, the threatened Louisiana black bear (*Ursus americanus leteolus*) which inhabits large tracts of bottomland hardwood forests. With a small project footprint and the information and site photographs provided in your letter, it is unlikely that this listed species inhabits the project site. Therefore, the Service anticipates no impacts to any listed species to occur as a result of the proposed project.” Copies of the correspondence to and the response from the USFWS are included as Appendix D.

3.2 MIGRATORY BIRDS

The United States Fish and Wildlife Service (USFWS) has developed voluntary recommendations regarding communications tower siting, construction, operation, and decommissioning. These recommendations include collocating of antennae on existing towers or other structures, limiting the height of new towers to less than 199 feet above ground level (AGL), if taller than 199 feet use of the minimum amount of pilot warning and obstruction avoidance lighting required (preferably white strobes), use of non-guyed towers (monopoles, self-supporting towers), consideration of cumulative impacts on migratory birds, locating towers within “antenna farms” where possible, use of the minimum lighting permissible, use daytime visual markers on guy wires, minimization of the footprint of the facility to avoid habitat loss, design of new towers to accommodate additional comparable antennae for at least two additional users, and down-shielding security lighting for on-ground facilities. A copy of the USFWS communications tower siting, construction, operation, and decommissioning recommendations are included in Appendix E.

A basic principal of radio communication coverage is increasing the height extends signal range. Effective coverage is a function of height so to lower each site to less than 199 feet increases the potential tower count over 300 to accomplish the coverage requirements, resulting in roughly 3,000,000 square feet of ground disturbance, or well over twice the current footprint disturbance requirements. Such an increase in ground impact risks a much greater adversity to terrestrial based habitat such as animals and plants, plus the additional carbon footprint produced by the increased development and construction activities.

Towers of Mississippi and the State of Mississippi considered collocation opportunities as an alternative to the proposed action. However, the technical loading requirements for this project are for all used structures to be engineered and constructed to the latest tower standards of ANSI/TIA-222-G



(class III supporting public safety and mission critical communications). As this is the latest engineering standard and the Class III (public safety) level is the most rigorous engineering standard in the tower industry, there are no existing towers within the coverage area for this project that can be modified to meet this standard and handle the loading requirements MSWIN will place on the tower.

The Federal Aviation Administration (FAA) has jurisdiction of all tower lighting and conducts aeronautical studies under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning the impact on arrival, departure, and en route procedures for aircraft operating under VFR/IFR conditions at existing and planned public use airports, as well as aeronautical facilities.

For purposes of MSWIN tower development, obstruction lighting may be one of three types:

- (1) Medium intensity flashing white obstruction lights (white strobes in both day and night (D-1 or D-2)); or
- (2) Dual lighting with red / medium intensity flashing white lights (white strobes in daylight and red strobes at night – E-1 or E-2); or
- (3) Marking and lighting with painted towers and red night beacons. This applies to towers over 500 feet in height (E-2 light system).

Based on information provided by Towers of Mississippi for this project, it is our understanding that medium intensity flashing white obstruction lights (day and night) will be installed on this tower.

Construction of a self-supporting tower is not practical to provide the required service. According to Towers of Mississippi, the cost of a self-support tower is roughly 2.5 times the cost of a guyed tower, and if all the remaining towers in the MSWIN project were constructed as self supporting towers the extended cost would well exceed an additional \$50-70 million in additional construction costs. Though not favored by USFWS, the impact area of this 400-foot guyed tower in the air is roughly 3,600 square feet whereas the impact area of a 400-foot self -supporting tower is much larger at 24,000 square feet (a 660% increase in the amount of airspace taken).

Bird flight diverters will not be installed on the proposed tower. According to Towers of Mississippi, bird flight diverters are expensive and difficult to maintain over the life of the tower. Adding daytime warning devices to the remainder of the towers in this project would exceed \$5 million in additional capital requirements.

As stated in Section 1.0, the proposed tower will be designed to accommodate equipment for up to three additional wireless communications providers thereby reducing the need for additional towers in the service area of the proposed project.



Security lighting at this facility will consist of motion-activated wall-mounted lights on the equipment shelter at the site.

4.0 CULTURAL RESOURCES

4.1 NATIONWIDE PROGRAMMATIC AGREEMENT

On March 7, 2005 the FCC implemented a Nationwide Programmatic Agreement (NPA) regarding Section 106 reviews (State Historic Preservation Officer and Indian tribal consultation) for wireless telecommunications tower sites. In summary, the NPA set forth rules regarding consultation with the State Historic Preservation Officer (SHPO) in each state where a proposed wireless telecommunications tower is to be constructed; consultation with Indian tribes and Native Hawaiian Organizations (NHOs) that would have been historically located in the area of the proposed wireless telecommunications tower or had indicated an interest in the geographical area containing the proposed wireless telecommunications tower; and involvement of the public and/or local government. As part of the process associated with the NPA the FCC developed the Tower Construction Notification System (TCNS) and FCC Form 620. The TCNS is described in Section 4.2 and FCC Form 620 is described in Section 4.3.

The NPA requires that a response be received from each Indian tribe or NHO that has indicated an interest in the state or geographical area containing the proposed tower. If no response is received from a particular Indian tribe or NHO within a reasonable time (typically 30 days), the NPA requires that the non-responding Indian tribe or NHO be contacted a second time in an effort to obtain a response. If the Indian tribe or NHO continues to be unresponsive to the initial or follow-up inquiries, the FCC must be contacted to consult with the non-responding Indian tribe or NHO.

4.2 FCC TOWER CONSTRUCTION NOTIFICATION SYSTEM

The TCNS is an Internet-based notification system developed by the FCC that allows input of basic information regarding the proposed location, type, and height of a new wireless telecommunications tower. This information is then made available to Indian tribes and NHOs that have expressed an interest in the state or geographical location containing the proposed wireless telecommunications tower via electronic or regular mail. According to the FCC the TCNS can be used as the initial contact to Indian tribes or NHOs.

Information regarding the proposed wireless telecommunications tower was submitted to Indian tribes, NHOs, and SHPOs via the TCNS on November 3, 2009. The FCC assigned Notification I.D. #57582 to the notification submitted for this proposed wireless telecommunications tower. The FCC sent an electronic mail notification to our office on November 6, 2009 listing the Indian tribes, NHOs, and SHPOs that were contacted through the TCNS regarding the proposed tower. As noted in Section 4.1, the NPA requires that we obtain a response from each Indian tribe or NHO that has indicated an interest in the geographical area or state containing the site.



Environmental Engineers, Inc. used the list of Indian tribes that had defined their area of geographic interest on the FCC Internet web site, conversations with Tribal Historic Preservation Officers (THPOs), Internet web sites for many of the Indian tribes and Alaskan villages, and the *Encyclopedia of North American Indians* by Frederick E. Hoxie (published in 1996 by Houghton Mifflin) to determine which Indian tribes included in the TCNS list would be interested in this wireless telecommunications tower site. This review indicated that the following Indian tribes would have a potential interest in this wireless telecommunications tower site: Alabama-Coushatta Tribe of Texas, Choctaw Nation of Oklahoma, Kialegee Tribal Town, Mississippi Band of Choctaw Indians, Seminole Tribe of Florida, and the Tunica-Biloxi Indians of Louisiana. A description of the follow-ups to and responses from each of these Indian tribes are included in Sections 4.5.1 through 4.5.6. Copies of the TCNS notifications and list of Indian tribes, NHOs, and SHPOs are included in Appendix F.

4.3 FCC FORM 620

MRS Consultants, LLC and Environmental Engineers, Inc. completed the FCC Form 620 required for submittal to those Indian tribes requesting additional information regarding the proposed wireless telecommunications tower and the SHPO. MRS Consultants, LLC personnel satisfy the United States Secretary of the Interior's Professional Qualification Standards. A copy of the FCC Form 620 prepared for this site is included in Appendix G.

4.4 STATE HISTORIC PRESERVATION OFFICER

The FCC Form 620 was submitted to the Mississippi Department of Archives and History (MDAH) for review. The MDAH responded via letter dated December 9, 2009 stating "...we concur that no known cultural resources listed in or eligible for listing in the National Register of Historic Places are likely to be affected. Therefore, we have no objections with the proposed undertaking." Copies of the correspondence to and from the MDAH are included in Appendix H.

4.5 INDIAN TRIBAL CONSULTATION

Environmental Engineers, Inc. followed up with each of the Indian tribes (as necessary) that we had identified through our review of the TCNS listing provided by the FCC for this site. Sections 4.5.1 through 4.5.6 describe our follow-up contacts to each of these Indian tribes and their responses.

4.5.1 Alabama-Coushatta Tribe of Texas

Mr. Bryant Celestine of the Alabama-Coushatta Tribe of Texas responded via electronic mail on December 11, 2009 stating that "On behalf of Chief Oscola Clayton Sylestine and the Alabama-Coushatta Tribe, our appreciation is expressed on your efforts to consult us regarding TCNS #57582 in Madison County. Our Tribe maintains ancestral associations within the state of Mississippi despite the absence of written documentation to completely identify Tribal activities, villages, trails, or burial sites. However, it is our objective to ensure significances of Native American ancestry, especially of the Alabama-Coushatta Tribe, are administered with the utmost regard. Upon review of your



November 17, 2009 submission, no known impacts to religious, cultural, or historical assets of the Alabama-Coushatta Tribe of Texas should occur in conjunction with this proposal. However, in the event of inadvertent discovery of human remains and/or archaeological artifacts during construction, activity in proximity to the location must cease and appropriate authorities, including this office, notified without delay.” Copies of the correspondence to and from the Alabama-Coushatta Tribe of Texas are included in Appendix I.

4.5.2 Choctaw Nation of Oklahoma

Ms. Caren Johnson of the Choctaw Nation of Oklahoma responded via electronic mail on January 7, 2010 stating that “The Choctaw Nation of Oklahoma has reviewed cell tower(s) FCC # 57582 and based on the information provided to the best of our knowledge it will have no adverse effect on any historic properties in the project’s area of potential effect. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone, historic crockery, glass or metal items, or should it uncover evidence of buried historic building materials such as rock foundations, brick, or hand poured concrete, this office should be contacted immediately @ 1-800-522-6170 ext. 2137.” Copies of the correspondence to and from the Choctaw Nation of Oklahoma are included in Appendix I.

4.5.3 Kialegee Tribal Town

The TCNS listing (Appendix F) for this site included information from the Kialegee Tribal Town that states “If the Applicant receives no response from the Kialegee Tribal Town within 30 days after notification through TCNS, the Kialegee Tribal Town has no interest in participating in pre-construction review for the site. The Applicant, however, must immediately notify the Kialegee Tribal Town in the event archaeological properties or human remains are discovered during construction.” The TCNS notification for this site is dated November 6, 2009 and the end of the 30-day period indicated by the Kialegee Tribal Town was December 6, 2009. Environmental Engineers, Inc. has not received a response from the Kialegee Tribal Town as of the date of this report. Therefore, it is our understanding that additional consultation with the Kialegee Tribal Town is not necessary.

4.5.4 Mississippi Band of Choctaw Indians

The TCNS listing (Appendix F) for this site included information from the Mississippi Band of Choctaw Indians that stated “If the applicant/tower builder receives no response from the Mississippi Band of Choctaw Indians within 30 days after you have e-mailed the [FCC Form 620]...then the Mississippi Band of Choctaw Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Mississippi Band of Choctaw Indians in the event archaeological properties or human remains are discovered during construction...” The Mississippi Band of Choctaw Indians was notified via electronic mail dated November 17, 2009 and the end of the 30-day period indicated by the Mississippi Band of Choctaw Indians was December 17, 2009. Environmental Engineers, Inc. has not received a response from the Mississippi Band of Choctaw Indians as of the date of this report. Therefore, it is our understanding



that additional consultation with the Mississippi Band of Choctaw Indians is not necessary. A copy of the electronic mail submitted to the Mississippi Band of Choctaw Indians is included in Appendix I.

4.5.5 Seminole Tribe of Florida

Ms. Jennifer Pietarila of the Seminole Tribe of Florida (STOF) responded via TCNS on November 18, 2009 stating, "The Seminole Tribe of Florida Tribal Historic Preservation Office (STOF-THPO) has received your email correspondence concerning the aforementioned project. The STOF-THPO concurs with your findings of 'no historic properties'. However, the STOF-THPO would like to be informed should any archaeological and/or historic resources be discovered inadvertently during the construction process. We thank you for the opportunity to review the information that has been sent to date regarding this project." Copies of the correspondence to and from the Seminole Tribe of Florida are included in Appendix I.

4.5.6 Tunica-Biloxi Indians of Louisiana

Mr. Earl Barbry of the Tunica-Biloxi Indians of Louisiana was contacted via electronic mail on May 3, 2005 regarding submittal of wireless telecommunications projects. Mr. Barbry responded via electronic mail on May 3, 2005 and indicated that he wanted to be notified regarding cell tower requests via electronic mail and that if he had not responded within 30 days of our contacting him, the project can proceed. We contacted Mr. Barbry regarding this site via electronic mail on November 17, 2009, and the end of the 30-day response period as indicated by Mr. Barbry was December 17, 2009. We have not received a response from Mr. Barbry as of the date of this report. Therefore, we have assumed that the Tunica-Biloxi Indians of Louisiana concur with the proposed project. Copies of the electronic mail to and from the Tunica-Biloxi Indians of Louisiana are included in Appendix I.

4.6 INADVERTENT DISCOVERY

The personnel that will have a potential to be involved in land-disturbing activities must be instructed to stop work immediately and contact the Indian tribes that have indicated an interest in the project area and SHPO in the event of an inadvertent discovery of human remains or cultural materials. The Indian tribe, contact name, and telephone number for each of the interested Indian tribes and SHPO are included in the table below. A copy of this information must be provided to all personnel that would have a potential to be involved in land-disturbing activities at the site.

Organization	Contact	Telephone Number
Mississippi Department of Archives and History - SHPO	Mr. Jim Woodrick	(601) 576-6940
Alabama-Coushatta Tribe of Texas	Mr. Bryant Celestine	(936) 563-1282
Choctaw Nation of Oklahoma	Mr. Terry Cole	(800) 522-6170 x2137
Kialegee Tribal Town	Mekko Jennie Lillard	(405) 452-5200
Mississippi Band of Choctaw Indians	Mr. Ken Carleton	(601) 650-7316
Seminole Tribe of Florida	Ms. Jennifer Pietarila	(863) 902-1113 x103
Tunica-Biloxi Indians of Louisiana	Mr. Earl Barbry, Jr.	(318) 253-0213 x6851



4.7 LOCAL GOVERNMENT/PUBLIC NOTICE

The Madison County Board of Supervisors was contacted regarding the proposed wireless communications tower via letter dated November 2, 2009. No response has been received from the Madison County Board of Supervisors as of the date of this report. A public notice was published in the *Madison County Herald* on November 12, 2009 requesting comment regarding potential impacts to historical or archaeological properties by the proposed wireless communications tower. No comments have been received as of the date of this report in response to the public notice. Copies of the correspondence to the Madison County Board of Supervisors and a copy of the public notice are included in Appendix J.

5.0 FLOODPLAIN INFORMATION

According to the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) "Panel 275 of 625, Madison County, Mississippi and Incorporated Areas" effective date March 17, 2010, the site is located in Zone X (no shading) which is described as areas outside the 0.2% annual chance floodplain. Therefore, the site is not located within a floodplain. It should be noted that the towers that comprise the MSWIN system are considered critical facilities and project design requirements include that the communications equipment at each facility be elevated at least five feet above the 500-year flood elevation (where mapped). In areas where the 500-year floodplain is not mapped, the equipment will be elevated a minimum of five feet above the 100-year base flood elevation. The FIRM depicting the site location does not include areas of 500-year flood; therefore, it is our understanding that the support equipment at this facility will be elevated at least five feet above the 100-year base flood elevation. The portion of the FEMA FIRM depicting the site is included as Figure 8.

6.0 WETLANDS AND SENSITIVE VEGETATION DELINEATION

Information on the USFWS National Wetlands Inventory (NWI) Internet website was reviewed to determine if any wetlands were delineated on or near the site. No wetlands were depicted on or near the site on the NWI Map. A copy of a portion of the NWI map depicting the site has been included as Figure 9.

On November 6, 2009 a site reconnaissance was conducted by Environmental Engineers, Inc., and no wetland indicators were determined to be present within the area of impact. An intermittent stream was noted within the southeastern guy easement between the proposed location of the guy anchor and the 100-foot by 100-foot lease area. However, this area will not be impacted by the proposed project. The proposed access road follows an existing farm road that crosses an intermittent stream that flows toward the north across a grassed pasture. The farm road is grassed and will not be improved in any way. Therefore, the intermittent stream will not be impacted.

Information regarding the proposed project was submitted to the Department of the Army Corps of Engineers for review. The Department of the Army responded via letter dated February 10, 2010



stating “Based upon the information provided and the information available to this office, it appears that a Department of the Army permit, pursuant to Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act will not be required for the proposed work due to the fact that there are to be no changes made to the existing crossing. In the event that project plans are changed, or if you anticipate any additional construction, please contact this office for a reevaluation of permit requirements and refer to identification No. MVK-2010-189 when submitting the information.” Copies of the correspondence to and from the Department of the Army are included as Appendix K.

7.0 PRIME FARMLAND

From the United States Department of Agriculture Natural Resource Conservation Service (NRCS) Internet website:

The National Agricultural Land Study of 1980-81 found that millions of acres of farmland were being converted in the United States each year. The 1981 Congressional report, Compact Cities: Energy-Saving Strategies for the Eighties, identified the need for Congress to implement programs and policies to protect farmland and combat urban sprawl and the waste of energy and resources that accompanies sprawling development.

The Compact Cities report indicated that much of the sprawl was the result of programs funded by the Federal Government. With this in mind, Congress passed the Agriculture and Food Act of 1981 (Public Law 97-98) containing the Farmland Protection Policy Act (FPPA)—Subtitle I of Title XV, Section 1539-1549. The final rules and regulations were published in the Federal Register on June 17, 1994.

The FPPA is intended to minimize the impact Federal programs have on the unnecessary and irreversible conversion of farmland to nonagricultural uses. It assures that—to the extent possible—Federal programs are administered to be compatible with state, local units of government, and private programs and policies to protect farmland. Federal agencies are required to develop and review their policies and procedures to implement the FPPA every two years.

For the purpose of FPPA, farmland includes prime farmland, unique farmland, and land of statewide or local importance. Farmland subject to FPPA requirements does not have to be currently used for cropland. It can be forest land, pastureland, cropland, or other land, but not water or urban built-up land.

According to the online USDA’s Web Soil the majority of site soils are classified as Providence-Lexington complex, eight to 12 percent slopes, severely eroded. Soils along the eastern portion of the access road are classified as Providence silt loam, two to five percent slopes, eroded.

Providence soils are moderately well-drained soils with a fragipan from 18 to 38 inches in depth. Typically, from zero to three inches in depth Providence soil is dark gray silt loam. From three to



seven inches in depth it is grayish brown silt loam. From seven to ten inches in depth it is strong brown silt loam. From 10 to 14 inches in depth it is strong brown silt loam. From 14 to 23 inches in depth it is strong brown silty clay loam. From 23 to 28 inches in depth it is strong brown silt loam. From 28 to 38 inches in depth it is variegated yellow, and yellowish-red silt loam containing noticeable sand. From 38 to 53 inches in depth it is yellowish-red loam. From 53 to 70 inches in depth it is red sandy loam. From 70 to 80 inches in depth it is red sandy loam.

The Lexington series consists of very deep, well drained soils on level to moderately steep uplands. Typically, from zero to seven inches in depth it is brown silt loam. From seven to 20 inches in depth it is reddish-brown silty clay loam. From 20 to 35 inches it is yellowish-red silt loam. From 35 to 48 inches it is dark brown sandy loam. From 48 to 55 inches in depth it is dark reddish-brown sandy loam. From 55 to 72 inches in depth it is stratified brownish-yellow loamy sand and brown sandy loam lamella.

EEI submitted information regarding the proposed project to the USDA NRCS office in Jackson, Mississippi via letter dated November 24, 2009. The NRCS responded via letter dated December 16, 2009 stating "A FPPA determination is not necessary since no permanent conversion of land is planned." We have included copies of the correspondence to and from the NRCS as Appendix L.

8.0 LIGHTING

The proposed tower will not be equipped with high intensity white lighting.

9.0 RADIO FREQUENCY RADIATION

It is our understanding that the proposed antenna should comply with FCC requirements for RF related emissions established in 47 CFR Section 1.1307 provided that the antennas are mounted such that the height above ground level for the lowest point of the antennas is at least 10 meters.

10.0 ADDITIONAL ENVIRONMENTAL EVALUATION

10.1 NATIONAL SCENIC AND HISTORIC TRAILS

The proposed communications facility is located more than five miles from the Natchez Trace Parkway - a National Scenic Trail and All-American Road that traverses portions of Alabama, Mississippi, and Tennessee. The proposed communications facility is unlikely to adversely affect the Natchez Trace Parkway due to distance and vegetation between this roadway and the proposed communications facility. Copies of the map showing National Scenic Trails and All-American Roads in the vicinity of the site are included in Appendix M.



10.2 NATIONAL WILD AND SCENIC RIVERS

A review of information available through the Rivers.gov Internet website indicates that one Wild and Scenic River is located in Mississippi. This Wild and Scenic River is a section of Black Creek located in the DeSoto National Forest in southeastern Mississippi. The proposed communications facility will not have an adverse affect on any designated Wild and Scenic River. Information regarding the Black Creek Wild and Scenic River is included as Appendix N.

11.0 CUMULATIVE IMPACTS

Cumulative impacts are an incremental impact on either the natural environment or human environment by an action when added to past and anticipated future actions. No ongoing or proposed actions are known for the project area. As described in Section 1.0 of this document, the proposed tower is designed to allow collocation of up to three additional cellular-type service providers, thereby potentially reducing cumulative impacts.

12.0 PUBLIC PARTICIPATION

12.1 LOCAL GOVERNMENT

The Madison County Board of Supervisors was contacted regarding the proposed wireless communications tower via letter dated November 2, 2009. No response has been received from the Madison County Board of Supervisors as of the date of this report.

12.2 PUBLIC NOTICE

A public notice was published in the *Madison County Herald* on November 12, 2009 requesting comment regarding potential impacts to historical or archaeological properties by the proposed wireless communications tower. No comments have been received as of the date of this report in response to the public notice. In addition, notice of availability of this draft Environmental Assessment will be published in *The Clarion Ledger*.



Figures



Environmental Engineers, Inc.

Subject:
 Draft Environmental Assessment
 Proposed MSWIN 20115 C Communications Tower
 Sharon, Madison County, Mississippi
 Project No.: JSE01P0914

Figure 1
 Site Location Map

Scale: 1" = 2,000'





Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20115 C Communications Tower
Sharon, Madison County, Mississippi
Project No.: JSE01P0914

Figure 2
2007 Aerial Photograph

Scale: Unknown





View from the site center toward the north.



View from the site center toward the east.

Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20115 C Communications Tower
Sharon, Madison County, Mississippi
Project No.: JSE01P0914

Figure 3
Site Photographs





View from the site center toward the south.



View from the site center toward the west.

Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20115 C Communications Tower
Sharon, Madison County, Mississippi
Project No.: JSE01P0914

Figure 4
Site Photographs





View looking along the proposed northern guy anchor toward the site.



View looking along the proposed southeastern guy anchor toward the site.

Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20115 C Communications Tower
Sharon, Madison County, Mississippi
Project No.: JSE01P0914

Figure 5
Site Photographs





View looking along the proposed southwestern guy anchor toward the site.



View along the proposed access road toward the site.

Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20115 C Communications Tower
Sharon, Madison County, Mississippi
Project No.: JSE01P0914

Figure 6
Site Photographs





View of the site entrance from Highway 43.

Environmental Engineers, Inc.

Subject:
Draft Environmental Assessment
Proposed MSWIN 20115 C Communications Tower
Sharon, Madison County, Mississippi
Project No.: JSE01P0914

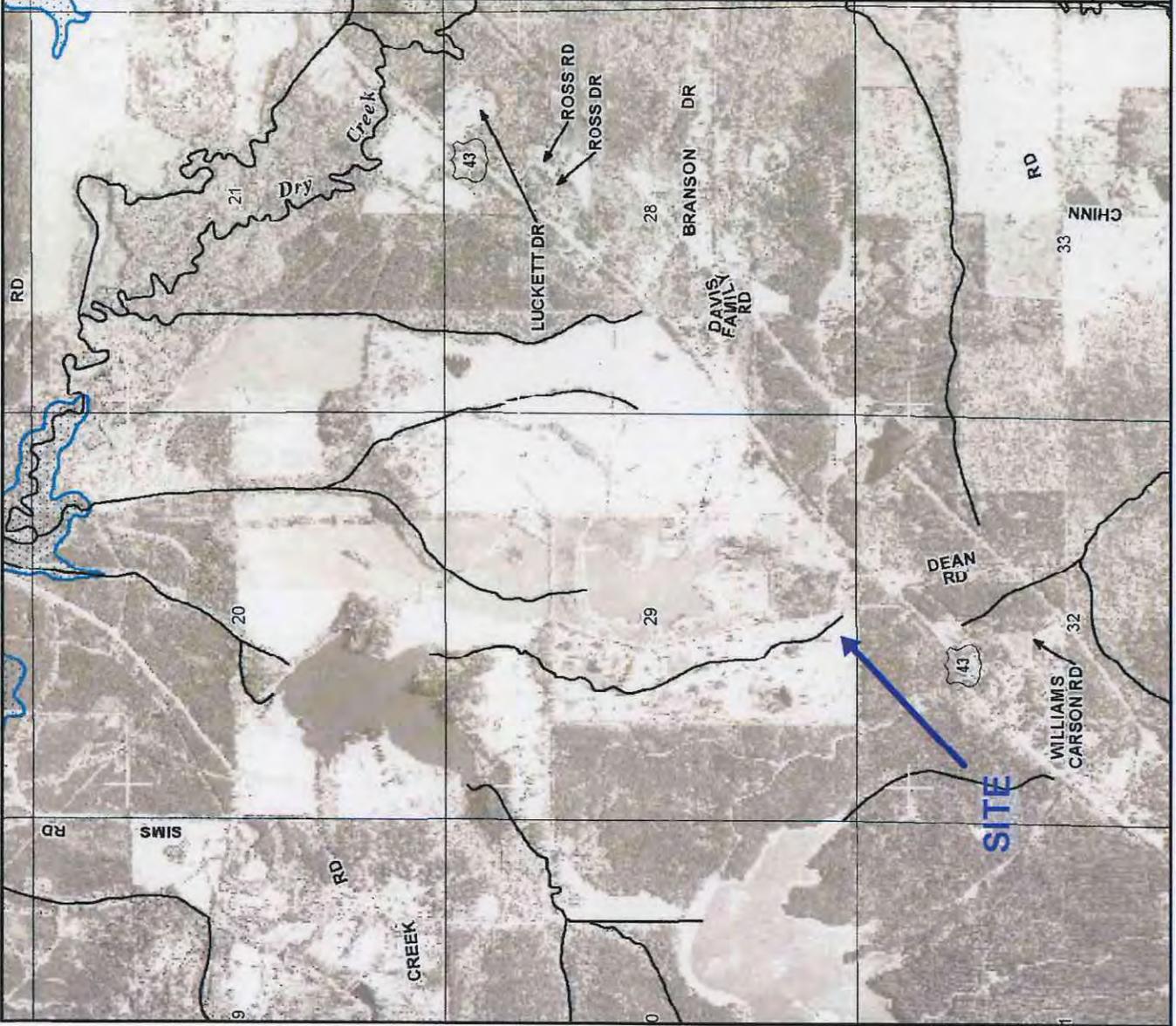
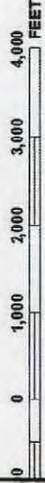
Figure 7
Site Photographs



ance Program at: 1-800-638-6620.



MAP SCALE 1" = 2000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0275F

FIRM
FLOOD INSURANCE RATE MAP
MADISON COUNTY,
MISSISSIPPI
AND INCORPORATED AREAS

PANEL 275 OF 625
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:			
COMMUNITY	NUMBER	PANEL	SUFFIX
CANTON CITY OF	350109	0275	F
MADISON COUNTY	200228	0275	F

Notice to User: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
28089C0275F
MAP REVISED
MARCH 17, 2010

Federal Emergency Management Agency

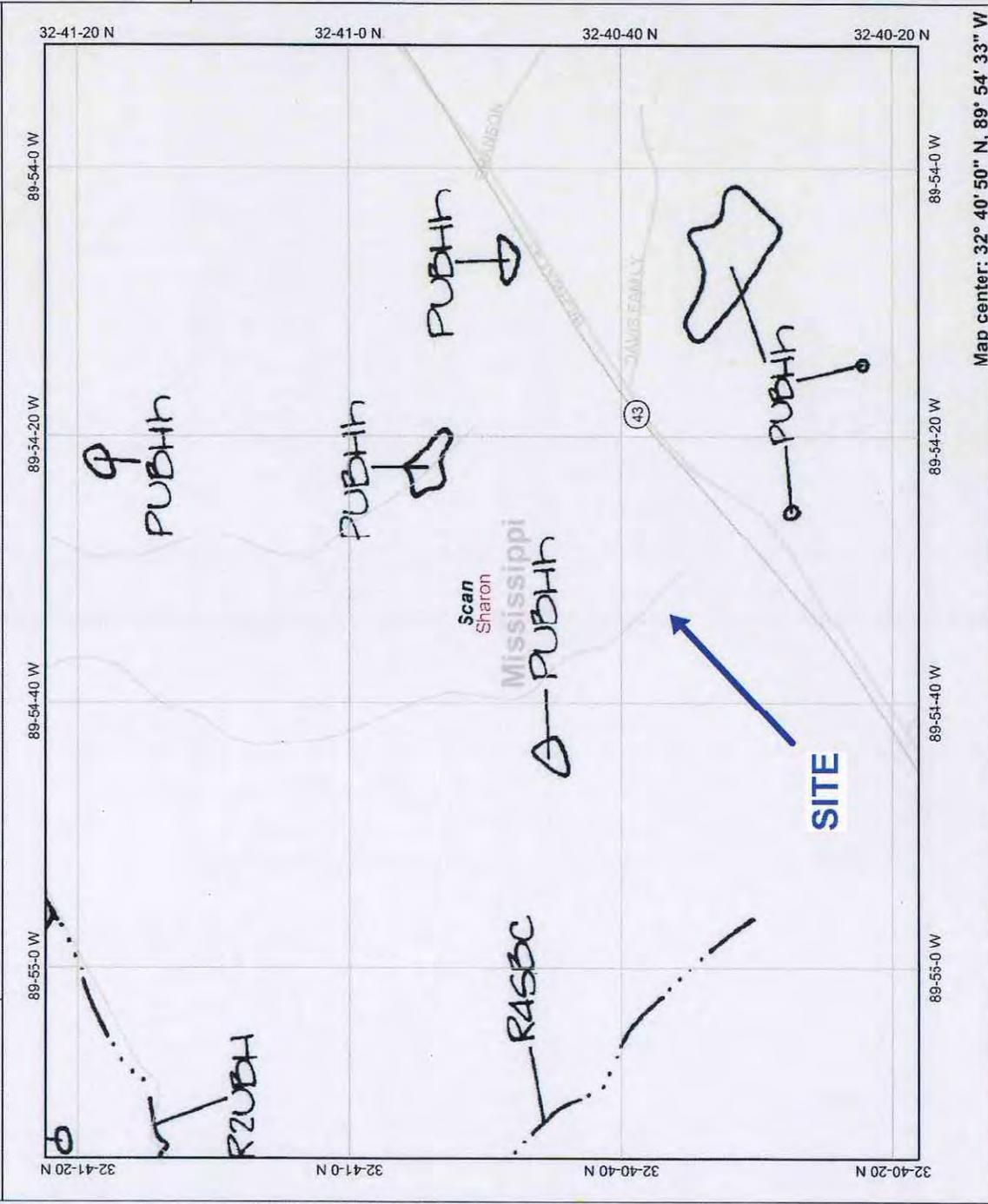
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps, check the FEMA Flood Map Store at www.msc.fema.gov

Flood Insurance Rate Map - Proposed MSWIN 20115 Tower

JSE01P0914

Figure 8

MSWIN 20115 C / JSE01P0914



Map center: 32° 40' 50" N, 89° 54' 33" W

Notes: Proposed MSWIN 20115 C Tower
Sharon, Madison County, MS

This map is a user generated static output from an internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.



Legend

Ohio_wet_scan

- 0
- 1
- Out of range
- Interstate
- Major Roads
- Other Road
- Interstate
- State highway
- US highway
- Roads
- Cities
- USGS Quad Index 24K
- Lower 48 Wetland Polygons
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- Lower 48 Available Wetland Data
- Non-Digital
- Digital
- No Data
- Scan
- NHD Streams
- Counties 100K
- States 100K
- South America
- North America

Scale: 1:13,917

National Wetland Inventory Map - Proposed MSWIN 20115 Tower JSE01P0914 **Figure 9**

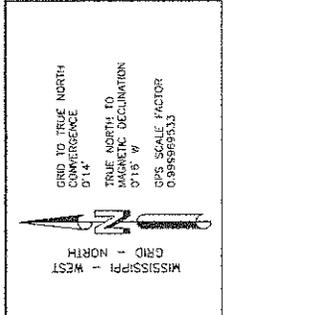
Appendix A

PROJECT NO. 09-0438
 SHEET 1 OF 3
 DRAWN BY: DCP
 CHECKED BY: JAK
 FIELD BOOK NO. 09
 APPROVED BY: [Signature]
 DATE: 09/11/09
 REVISION: [Table with 3 rows]

ENVIRONMENTAL ENGINEERS
 1159 U.S. HIGHWAY #11
 DREWEILLE, AL 36920
 PHONE: 205-252-9385
 FAX: 205-252-9385
 www.eemw.com

TOWER INFO
 TOWER TYPE: 400' GUYED @ 60X
 LATITUDE: 32°40'57.64" NORTH
 LONGITUDE: 89°54'31.95" WEST
 (NAD 83)
 GROUND ELEVATION: 285.3' ABOVE MEAN SEA LEVEL.
 (WAD 86)
 SITE ADDRESS:
 MS HIGHWAY NO. 43
 SHARON, MS 39163

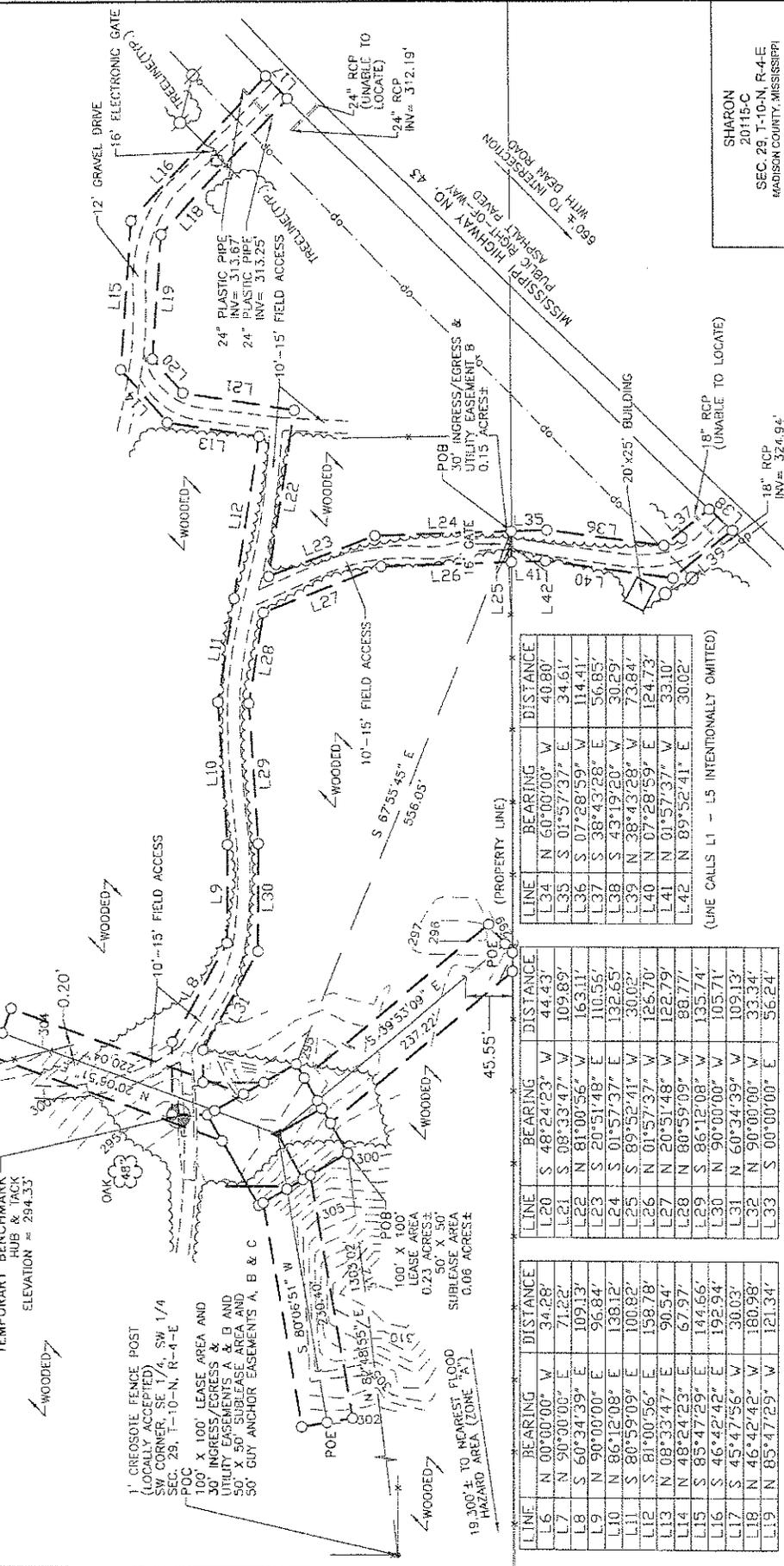
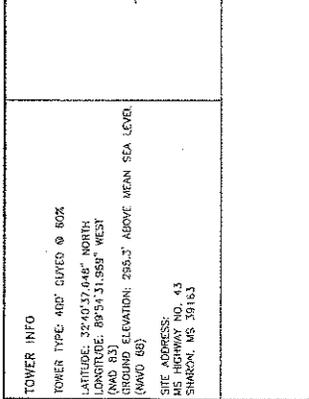
LEGEND
 ○ = 3/4" CARVED REBAR SET (SHW LS 02850)
 ● = FOUND PROPERTY MARKER
 □ = SET PK NAIL
 POB = POINT OF BEGINNING
 POC = POINT OF COMMENCEMENT
 POE = POINT OF ENDING
 ▲ = CALCULATED POINT
 (CR) = RECORDED INFORMATION
 ⓧ = POWER POLE
 ⓧ = CUT ANCHOR
 ⓧ = TELEPHONE FEEDSIAL
 ⓧ = OVERHEAD POWER
 ⓧ = HOODWIRE FENCE



PLOTTABLE TITLE EXCEPTIONS
 Kentucky Co., Communist No. [Redacted]
 Dead Book xx, Page xx As shown on survey
 Dead Book xx, Page xx As shown on survey

GUY WIRE INFORMATION FROM CENTER OF TOWER

WIRE NO.	TYPE	LENGTH	ANCHOR ELEV.
1	N 20°02'51" E	215.20'	203.31'
2	S 15°53'59" E	257.97'	208.68'
3	S 80°26'31" W	233.65'	308.80'



(LINE CALLS L1 - L5 INTENTIONALLY OMITTED)

LINE	BEARING	DISTANCE
L34	N 60°00'00" W	40.80'
L35	S 01°57'37" E	34.61'
L36	S 07°28'59" W	114.41'
L37	S 38°43'28" E	56.85'
L38	S 43°19'20" W	30.29'
L39	N 38°43'28" W	73.84'
L40	N 07°28'59" E	124.73'
L41	N 01°57'37" W	33.10'
L42	N 03°52'41" E	30.02'

LINE	BEARING	DISTANCE
L20	S 48°24'23" W	44.43'
L21	S 08°33'47" W	109.89'
L22	N 81°00'56" W	163.11'
L23	S 20°51'48" E	110.56'
L24	S 01°57'37" E	132.65'
L25	S 89°52'41" W	30.02'
L26	N 01°57'37" W	126.70'
L27	N 20°51'48" W	122.79'
L28	N 80°59'09" W	88.77'
L29	S 86°12'08" W	135.74'
L30	N 90°00'00" W	105.71'
L31	N 60°34'39" W	109.13'
L32	N 90°00'00" W	32.34'
L33	S 00°00'00" E	56.24'

LINE	BEARING	DISTANCE
L6	N 00°00'00" W	34.28'
L7	N 90°00'00" E	71.82'
L8	S 60°34'39" E	109.13'
L9	N 90°00'00" E	96.84'
L10	N 86°12'08" E	138.15'
L11	S 80°59'09" E	100.82'
L12	S 81°00'56" E	158.78'
L13	N 48°24'23" E	90.54'
L14	N 48°24'23" E	67.97'
L15	S 85°47'29" E	144.66'
L16	S 46°42'42" E	192.94'
L17	S 45°47'56" W	30.03'
L18	N 46°42'42" W	180.96'
L19	N 85°47'29" W	121.34'

SHARON
 20115-C
 SEC. 29, T-10-N, R-4-E
 MADISON COUNTY, MISSISSIPPI

NO.	REVISION	DATE
1	CREATED CIVIL EXCISEMENTS	08/11/09 DCF
2	ROTATED LARGE AREA CURS @ 60%	09/17/09 DCF
3	ROTATED LARGE AREA CURS @ 60%	09/17/09 DCF

PROJECT NO. 05-04638
 SHEET 3 OF 3
 SCALE: 1" = 500'
 DATE: 05/04/09
 APPROVED BY: MHS
 FIELD CHECKED BY: MHS
 DRAWN BY: DCP

ENVIRONMENTAL ENGINEERS
 11278 GUS HIGHWAY #11
 COENVILLE, AL 35920

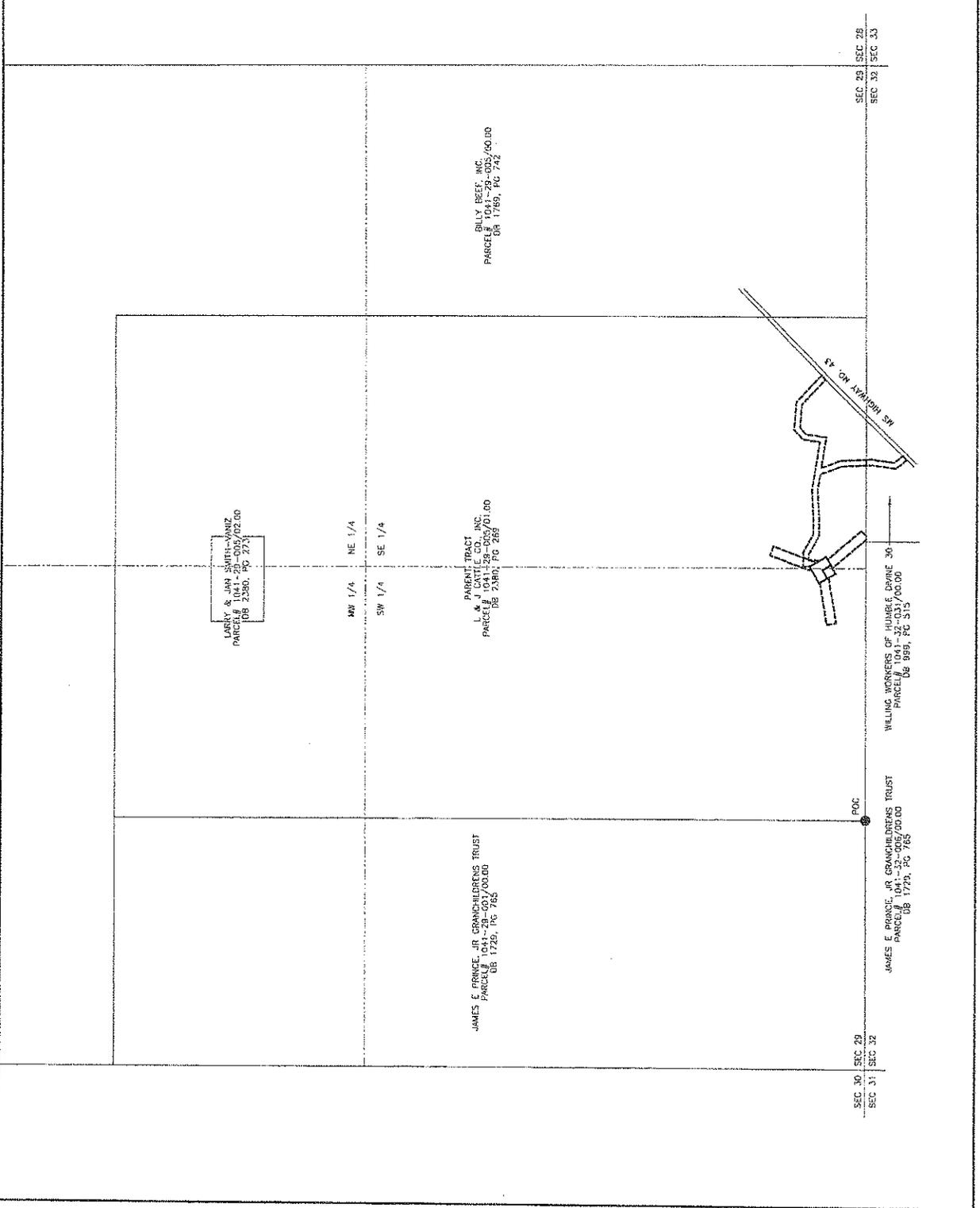
SMW
 SMW Engineering Group, Inc.
 1550 Woods of Riverchase Drive
 Suite 100
 Hoover, Alabama 35224
 PR: 205-252-8893
 WWW.SMWGROUP.COM

MISSISSIPPI - WEST
 GRID: NORTH

 GRID TO TRUE NORTH CONVERGENCE 0"14"
 TRUE NORTH TO MAGNETIC DECLINATION 0"16" W
 GRS SCALE FACTOR 0.99986333

SCALE: 1" = 500'


SHARON
 20115-C
 SEC. 29, T-10-N, R-4-E
 MADISON COUNTY, MISSISSIPPI



NO.	REVISION
1	CREATED CURV EASMENTS
2	ROTTED CASE AREA, CURV & BOX
3	ROTTED CASE AREA, CURV & BOX
08/19/09	DATE

SURVEYOR'S CERTIFICATE

I, William H. Somerville, III, DO HEREBY CERTIFY TO Federal Aviation Administration, Shreveport Title Guaranty Company, The State of Mississippi, and Towers of Mississippi, LLC, that this survey was made on the ground under any parental or other title, and that the survey was made in accordance with the provisions of the laws of the State of Mississippi, and more specifically, I do hereby certify that the survey conforms to the conditions and stipulations as checked (X) below.

(X) 1. The boundary lines and dimensions of the Lease Parcel and Access and Utilities Easements ("Easement") indicated hereon is correct.

(X) 2. To the extent the Lease Parcel and Easement indicated hereon is part of a parent parcel, such Lease Parcel and Easement are located within the boundaries of the record title legal description of such parent parcel. The location of said Lease Parcel and Easement relative to an approximation of the location of the boundaries of the parent tract is illustrated on the insert shown hereon.

(X) 3. Copped iron pins are set at each Lease Parcel corner unless otherwise indicated hereon.

(X) 4. The distance from the nearest intersecting public street or road to as shown hereon.

(X) 5. Correctly shows the location and dimension of all other, streets, road, rights-of-way, easement and other matters of record which the surveyor has been advised affects the Lease Parcel and Easement (each has been identified by instrument volume and page number if available).

(X) 6. Except as shown, there are no visible encroachments, rights-of-way, party walls or conflicts affecting the Lease Parcel and Easement; further, this survey is not subject to any easements or rights-of-way not visible on the ground.

(X) 7. The location of all buildings, structures and other improvements of visible items affecting the Lease Parcel and Easement, if shown, are as indicated hereon. The location of all other buildings, structures and other improvements of visible items on the parent tract, if shown hereon, are approximate in nature, except that the Lease Parcel and Easement are entirely located within the boundaries of the parent parcel, as shown on the insert.

(X) 8. Except as shown, there are no visible improvements on adjoining premises, streets or alleys by any building, structure or other improvements situated on the Lease Parcel and Easement.

(X) 9. Except as shown, there are no visible encroachments onto the Lease Parcel and Easement by any building, structure or other improvements situated on adjoining premises.

(X) 10. By graphic plotting only, the subject property appears to lie in Zone "X" of the Flood Insurance Rate Map Community Panel No. 330095C01000, which bears an effective date of April 15, 1994 and IS NOT in a special flood hazard area. No field measurements were used in this determination and an elevation certificate may be needed for verification.

(X) 11. Correctly describes and shows the location of all public streets and roads visibly providing access to and from the subject property, and correctly sets forth the municipal address of the subject property.

(X) 12. Correctly depicts the horizontal and longitudinal coordinates of the tower(s) location(s), to the nearest tenth of a second, the elevation above mean sea level of the base and tip of each tower, plus or minus 20 feet, the elevation of the tip of each tower as measured from ground level, and additionally, the elevation of the tip of the highest appurtenance on the tower as measured from ground level, if such appurtenance is higher in elevation than the highest point of the tower structure itself, to the nearest foot, on the survey drawing and on a separate 8 1/2 X 11 certified document.

(X) 13. Survey of the Lease Parcel and Easement meets or exceeds the minimum technical standards for Land Boundary surveys set forth by Mississippi State Law.

(X) 14. If the survey is developed electronically (CAD File), it is essential that a disk be provided/sent with the survey.

William H. Somerville, III
 Mississippi License No. 02859

SURVEYOR'S NOTES

1. This is a Rawland Tower Survey, made on the ground under the supervision of a Mississippi Registered Land Surveyor. Date of field survey is July 29, 2009.

2. The following surveying instruments were used at time of field visit: Nikon NPL-352, Total Station, Reflectless and Hiper +

3. Bearings are based on Mississippi West State Plane Coordinates NAD 83 by GPS observation.

4. No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown. Trees and shrubs not located, unless otherwise shown.

5. Benchmark used is a concrete monument and brass disc, NAD 83 Datum with an established elevation of 222.14 feet, (67.704 meters) shown on the record plat.

6. This survey was conducted for the purpose of the record plat, and is not to be construed to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.

7. Attention is directed to the fact that this survey may have been reduced or enlarged in size due to reproduction. This should be taken into consideration when obtaining scaled data.

8. This survey is based on the record plat on file with the State of Mississippi.

9. Surveyor hereby states the Geographic Coordinates and the elevation shown for the proposed centerline of the tower are accurate to within +/- 15 feet horizontally and to within +/- 3 feet vertically (FSA Accuracy Code 1A).

10. Survey shown hereon conforms to the Minimum Requirements as set forth by the State Board for a Class "A" Survey.

11. Field data upon which this map or plat is based has a closure precision of not less than one-foot in 15,000 feet (1:15,000) not including error that does not exceed 10 seconds times the square root of the number of angles turned. Field traverse was closed.

12. This survey is not valid without the original signature and the original seal of a state licensed surveyor and mapper.

13. This survey does not constitute a complete boundary survey of the Parent Tract.

Appendix B

[Home](#) > [Maps, Data, and Images](#) > [Maps](#) > [GIS Map](#)

U.S. National Wilderness Preservation System Map

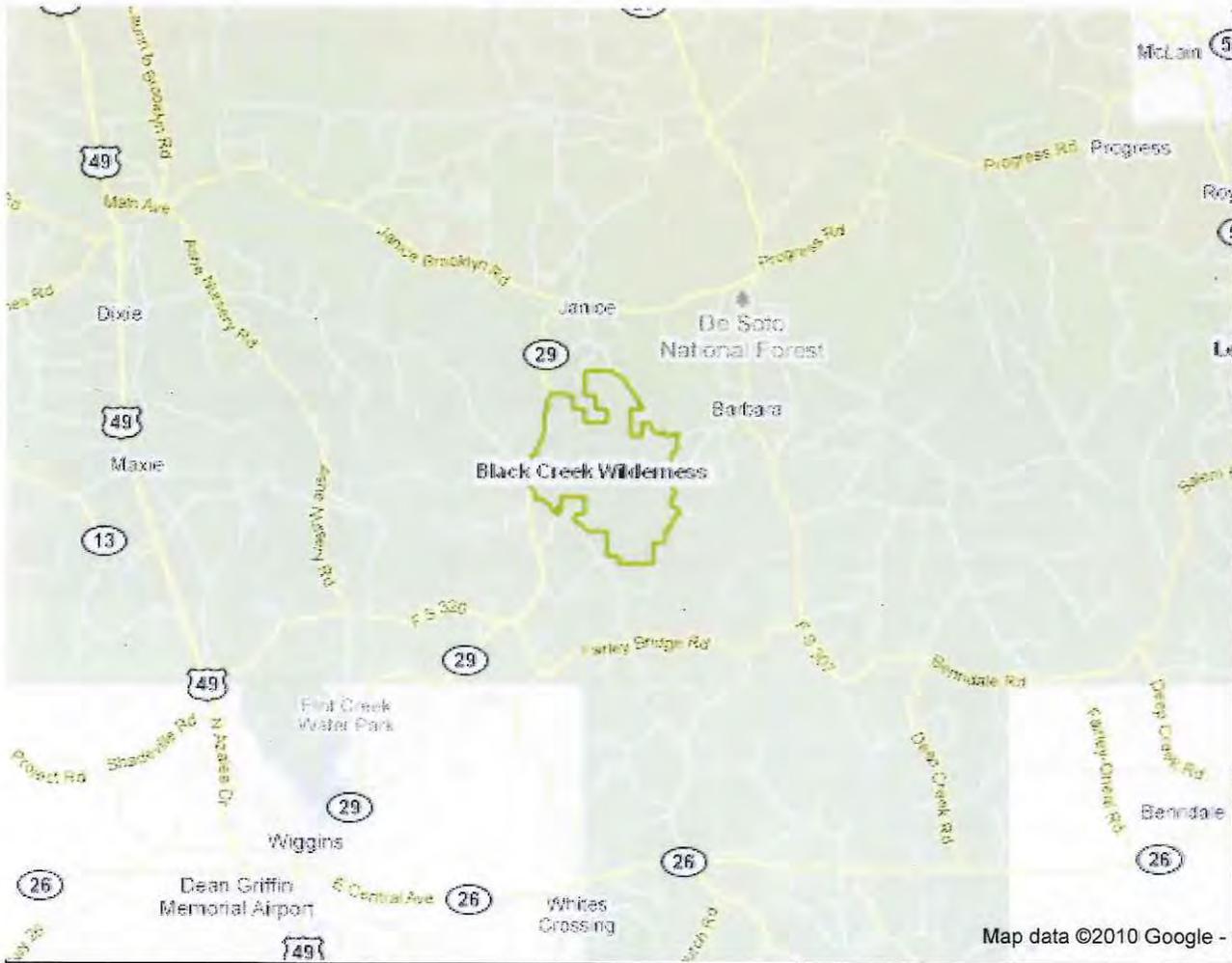
Click inside a wilderness polygon to open an information window (window may take a second to appear). Want to [give us feedback](#) on our map?

Print/View/Download:

Zoom: U.S. Wilderness

On/Off: Wilderness Names

Key: BLM FWS FS NPS



Latitude/longitude: 31.0299897, -89.021530

Disclaimer: Wilderness.net's GIS-based map overlays wilderness boundaries on satellite data provided by Google Maps. Boundary updates are obtained from the wilderness management agencies. Boundary names containing "(Draft boundary)" have not been finalized and are not official. Different wildernesses treat inholdings differently, so you should consult agency-specific maps to identify the exact location of private inholdings within wilderness. Wilderness.net manages this map as a service to Internet users of digital

geographic data. Wilderness.net is in no way condoning or endorsing the application of these data for any given purpose. It is the sole responsibility of the user to determine whether or not the data are suitable for the intended purpose. It is also the obligation of the user to apply those data in an appropriate and conscientious manner. Although Wilderness.net attempts to use the most current and complete geospatial data available, accuracy varies. Wilderness.net provides no warranty, nor accepts any liability occurring from any incorrect, incomplete, or misleading data, or from any incorrect, incomplete, or misleading use of these data.

On 3/30/09 President Obama signed the Omnibus Public Land Management Act of 2009 (Public law 111-11) into law. This law designated 52 new wilderness areas and added acreage to 26 existing areas, a total addition to the NWPS of over 2 million acres. All these new areas are now pictured on Wilderness.net's maps. You can also [view a list of all areas affected by Public Law 111-11](#) with links to more information about them.

Maps of the National Wilderness Preservation System have been produced for many years. Read about the [history of wilderness mapping](#).



Feedback Analytics

Black Creek Wilderness Fact Sheet

General

The United States Congress designated the Black Creek Wilderness in 1984 and it now has a total of 5,052 acres. All of the wilderness is in Mississippi and is managed by the Forest Service.

The Black Creek Wilderness is located in the gulf coastal plains of southern Mississippi. Most of this Wilderness, the state's largest, lies in the broad valley of Black Creek, stained a deep caramel color by the tannic acid of decaying vegetation. The creek is Mississippi's only designated Wild and Scenic River (for 21 miles) with the emphasis exclusively on scenic. It bisects the Wilderness, creating a hardwood floodplain of oxbow lakes and thick stands of sweet gum, sweet bay, red maple, oak, pine, and bald cypress. The 5- to 20-foot banks offer plenty of white sandbars suitable for camping or a picnic. You may want to float the meandering creek leisurely paddling your canoe. If the water level is running low, keep an eye out for logs.

The Black Creek National Recreation Trail (open only to foot traffic) runs about 41 miles along the drainage of Black Creek, with about 10 miles within the Wilderness. Here you'll be on a part of the Lower Coastal Plain: piney woods growing over low rolling hills with a few moderate ridges. The relatively flat terrain rises 100 feet on Black Creek itself to only 270 feet on nearby uplands.

Bass and panfish attract anglers, and hunters come in their season, mostly for deer. On many days you'll see no evidence that a human has ever stepped foot in the Wilderness or dipped a canoe paddle into Black Creek.

Area Management

The Black Creek Wilderness is part of the 109 million acre National Wilderness Preservation System. This System of lands provides clean air, water, and habitat critical for rare and endangered plants and animals. In wilderness, you can enjoy challenging recreational activities like hiking, backpacking, climbing, kayaking, canoeing, rafting, horse packing, bird watching, stargazing, and extraordinary opportunities for solitude. You play an important role in helping to *"secure for the American people of present and future generations the benefits of an enduring resource of wilderness"* as called for by the Congress of the United States through the Wilderness Act of 1964. Please follow the requirements outlined below and use Leave No Trace techniques when visiting the Black

Creek Wilderness to ensure protection of this unique area.

General Wilderness Prohibitions

Motorized equipment and equipment used for mechanical transport is generally prohibited on all federal lands designated as wilderness. This includes the use of motor vehicles, motorboats, motorized equipment, bicycles, hang gliders, wagons, carts, portage wheels, and the landing of aircraft including helicopters, unless provided for in specific legislation.

In a few areas some exceptions allowing the use of motorized equipment or mechanical transport are described in the special regulations in effect for a specific area. Contact the Forest Service office or visit the websites listed below for more specific information.

These general prohibitions have been implemented for all national forest wildernesses in order to implement the provisions of the Wilderness Act of 1964. The Wilderness Act requires management of human-caused impacts and protection of the area's wilderness character to insure that it is "unimpaired for the future use and enjoyment as wilderness." Use of the equipment listed as prohibited in wilderness is inconsistent with the provision in the Wilderness Act which mandates opportunities for solitude or primitive recreation and that wilderness is a place that is in contrast with areas where people and their works are dominant.

Wilderness-Specific Regulations

Wilderness managers often need to take action to limit the impacts caused by visitor activities in order to protect the natural conditions of wilderness as required by the Wilderness Act of 1964. Managers typically implement 'indirect' types of actions such as information and education measures before selecting more restrictive measures. When regulations are necessary, they are implemented with the specific intent of balancing the need to preserve the character of the wilderness while providing for the use and enjoyment of wilderness.

The following wilderness regulations are in effect for this area. Not all regulations are in effect for every wilderness. Contact the national forest office or visit the websites listed below for more specific information about the regulations listed.

- AREA CLOSURE

- THE FOLLOWING ACTS ARE PROHIBITED: 1. STORING EQUIPMENT, PERSONAL PROPERTY, OR SUPPLIES. 2. DISPOSING OF DEBRIS GARBAGE, OR OTHER WASTE. 3. POSSESSING OR USING A WAGON, CART, OR OTHER VEHICLE. 4. OPERATING AN INTERNAL COMBUSTION ENGINE, EXCEPT FOR OUTBOARD MOTORS IN BLACK CREEK RIVER. 5. POSSESSING, DISCHARGING, OR USING ANY TYPE FIREWORKS OR OTHER PYROTECHNIC DEVICE. VIOLATION OF THIS PROHIBITION IS PUNISHABLE BY A FINE OF NOT MORE THAN \$5,000 OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS OR BOTH.
- MAXIMUM LENGTH OF STAY : 30 DAYS
 - CAMPING FOR A PERIOD LONGER THAN THIRTY (30) CONSECUTIVE DAYS ON ALL FOREST SERVICE LANDS IN MISSISSIPPI WITH THE EXCEPTION OF DEVELOPED RECREATION AREAS IS PROHIBITED. VIOLATION OF THIS PROHIBITION IS PUNISHABLE BY A FINE OF NOT MORE THAN \$5,000 OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS OR BOTH.

Contacts

De Soto Ranger District

PO BOX 248

654 WEST FRONTAGE ROAD

WIGGINS, MS 39577

Phone: 601-928-6160

Restrictions: Office hours are from 7:30 AM to 4:00 PM, Monday through Friday, except federal holidays.

Links to Other Websites

<http://www.southernregion.fs.fed.us/mississippi/desoto/> -- De Soto Ranger District Website - National Forests in Mississippi

Links on Wilderness.net

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=7#results> -- National, Regional and Local Wilderness Organizations (NGOs)

A listing of societies, organizations, coalitions and other wilderness-related advocacy and stewardship groups.

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=11#results> -- Career and Volunteer Opportunities

A listing of sites providing information about wilderness- and environmentally-related career and volunteer opportunities.

Things to Consider When Planning a Trip to Wilderness

- Plan Ahead and Prepare
 - Know the regulations and special concerns for the area you'll visit.
 - Prepare for extreme weather, hazards, and emergencies.
 - Schedule your trip to avoid times of high use.
 - Visit in small groups. Split larger parties into groups of 4-6.
 - Repackage food to minimize waste.
 - Use a map and compass to eliminate the use of marking paint, rock cairns or flagging.
- Travel and Camp on Durable Surfaces
 - Durable surfaces include established trails and campsites, rock, gravel, dry grasses or snow.
 - Protect riparian areas by camping at least 200 feet from lakes and streams.
 - Good campsites are found, not made. Altering a site is not necessary.
 - In popular areas:
 - Concentrate use on existing trails and campsites.
 - Walk single file in the middle of the trail, even when wet or muddy.
 - Keep campsites small. Focus activity in areas where vegetation is absent.
 - In pristine areas:
 - Disperse use to prevent the creation of campsites and trails.
 - Avoid places where impacts are just beginning.
- Dispose of Waste Properly
 - Pack it in, pack it out. Inspect your campsite and rest areas for trash or spilled foods. Pack out all trash, leftover food, and litter.
 - Deposit solid human waste in catholes dug 6 to 8 inches deep at least 200 feet from water, camp, and trails. Cover and disguise the cathole when finished.
 - Pack out toilet paper and hygiene products.
 - To wash yourself or your dishes, carry water 200 feet away from streams or lakes and use small amounts of biodegradable soap. Scatter strained dishwater.
- Leave What You Find
 - Preserve the past: examine, but do not touch, cultural or historic structures and artifacts.
 - Leave rocks, plants and other natural objects as you find them.
 - Avoid introducing or transporting non-native species.
 - Do not build structures, furniture, or dig trenches.
- Minimize Campfire Impacts
 - Campfires can cause lasting impacts to the backcountry. Use a lightweight stove for

- cooking and enjoy a candle lantern for light.
- Where fires are permitted, use established fire rings, fire pans, or mound fires.
- Keep fires small. Only use sticks from the ground that can be broken by hand.
- Burn all wood and coals to ash, put out campfires completely, then scatter cool ashes.
- Respect Wildlife
 - Observe wildlife from a distance. Do not follow or approach them.
 - Never feed animals. Feeding wildlife damages their health, alters natural behaviors, and exposes them to predators and other dangers.
 - Protect wildlife and your food by storing rations and trash securely.
 - Control pets at all times, or leave them at home.
 - Avoid wildlife during sensitive times: mating, nesting, raising young, or winter.
- Be Considerate of Other Visitors
 - Respect other visitors and protect the quality of their experience.
 - Be courteous. Yield to other users on the trail.
 - Step to the downhill side of the trail when encountering pack stock.
 - Take breaks and camp away from trails and other visitors.
 - Let nature's sounds prevail. Avoid loud voices and noises.

The source for the above information is the Leave No Trace: Center for Outdoor Ethics. For more detailed information on the seven principles of Leave No Trace and suggestions you can use to help plan a trip to wilderness, visit the following address: <http://www.lnt.org/programs/lnt7/index.html>.

General Equipment List

The following is a general list of the types of equipment recommended for backcountry travel. You will want to modify this list accordingly for the climate in which you will be traveling. For example, if you are traveling in cold, high-mountain country you will may want to pack additional cold-weather clothing or mountaineering gear. Additionally, if you plan hunt, fish, canoe etc. in wilderness, you will want to pack additional gear needed for such activities.

- Tent
- Sleeping bag with stuff sack
- Backpack
- Clothing
 - Hiking boots (broken in and waterproofed)

- Socks (wool and liner)
- Jacket/sweater
- Rain gear
- Hat and/or stocking cap
- Shirts (long- and short-sleeve), pants, shorts (pack according to the climate you will be travelling in)
- Cook stove with extra fuel bottle
- Cook pans
- Waterproof matches or lighter
- Bear canister (if travelling in bear country)
- Rope (long enough to hang food, if necessary)
- Cup, bowl, spoon, fork, knife (sharpened)
- Water bottles or canteens
- Water filter or water treatment kit
- Garbage bags, ziplock-type bags (for packing out waste and repackaging food)
- Sun glasses
- Mosquito repellent, chapstick, sun screen
- Toilet paper (in plastic bag with additional plastic bag for packing out used paper)
- Flashlight or headlamp (with extra batteries and bulb), candle lantern
- Toiletries (toothbrush/paste, personal medications etc.)
- First-aid kit, emergency survival blanket
- Repair kits for your stove, tent, backpack, hiking boots etc.
- Camera, binoculars
- Maps, compass, field guide, guidebook

The above information was obtained from the following URL and is current as of 2/26/10:

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=wildView&WID=54>



Feedback Analytics

Aleutian Islands Wilderness, Alaska

Visit our mobile website: <http://m.wilderness.net>

Keywords: Search



- About Wilderness
- Wilderness Stewardship
- Tools for Managers
- Research
- Education
- Find a Wilderness
- Maps, Data and Images

Home > Maps, Data, and Images > Maps > GIS Map

Share

U.S. National Wilderness Preservation System Map Text size: A | A | A [Print]

Click inside a wilderness polygon to open an information window (window may take a second to appear). Want to [give us feedback](#) on our map?

Print/View/Download:

Zoom: U.S. State Wilderness

On/Off: Wilderness Names

Key: BLM FWS FS NPS



Latitude/longitude: 31.0410213, -88.797169

Disclaimer: Wilderness.net's GIS-based map overlays wilderness boundaries on satellite data provided by Google Maps. Boundary updates are obtained from the wilderness management agencies. Boundary names containing "(Draft boundary)" have not been finalized and are not official. Different wildernesses treat inholdings differently, so you should consult agency-specific maps to identify the exact location of private inholdings within wilderness. Wilderness.net manages this map as a service to Internet users of digital geographic data. Wilderness.net is in no way condoning or endorsing the application of these data for any given purpose. It is the sole responsibility of the user to determine whether or not the data are suitable for the intended purpose. It is also the obligation of the user to apply those data in an appropriate and conscientious manner. Although Wilderness.net attempts to use the most current and complete geospatial data available, accuracy varies. Wilderness.net provides no warranty, nor accepts any liability occurring from any incorrect, incomplete, or misleading data, or from any incorrect, incomplete, or misleading use of these data.

On 3/30/09 President Obama signed the Omnibus Public Land Management Act of 2009 (Public law 111-11) into law. This law designated 52 new wilderness areas and added acreage to 26 existing areas, a total addition to the NWPS of over 2 million acres. All these new areas

are now pictured on Wilderness.net's maps. You can also [view a list of all areas affected by Public Law 111-11](#) with links to more information about them.

Maps of the National Wilderness Preservation System have been produced for many years. Read about the [history of wilderness mapping](#).

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Feedback Analytics

Leaf Wilderness Fact Sheet

General

The United States Congress designated the Leaf Wilderness in 1984 and it now has a total of 994 acres. All of the wilderness is in Mississippi and is managed by the Forest Service.

South Mississippi's tiny Leaf Wilderness lies almost entirely on the floodplain of the east-flowing Leaf River, just north of Black Creek Wilderness. Except for a little western upland, the entire Wilderness consists of meandering sloughs, oxbow lakes, and level terrain of spruce-pine forest or oak-gum-cypress river bottom. Loblolly and shortleaf pines shade the upland, with a dense understory of dogwood, redbud, persimmon, blueberries, and honeysuckle. The only threatening shrub is poison oak, which always seems to find a way to make contact with exposed skin. The 1.5 mile Leaf Trail, one of two main attractions in the area, crosses the Wilderness and three bridges and a boardwalk to access this piece of Mississippi, where camping is unrestricted. The other attraction is wildlife, including white-tailed deer and wild turkeys, which bring in hunters during the fall months.

Area Management

The Leaf Wilderness is part of the 109 million acre National Wilderness Preservation System. This System of lands provides clean air, water, and habitat critical for rare and endangered plants and animals. In wilderness, you can enjoy challenging recreational activities like hiking, backpacking, climbing, kayaking, canoeing, rafting, horse packing, bird watching, stargazing, and extraordinary opportunities for solitude. You play an important role in helping to *"secure for the American people of present and future generations the benefits of an enduring resource of wilderness"* as called for by the Congress of the United States through the Wilderness Act of 1964. Please follow the requirements outlined below and use Leave No Trace techniques when visiting the Leaf Wilderness to ensure protection of this unique area.

General Wilderness Prohibitions

Motorized equipment and equipment used for mechanical transport is generally prohibited on all federal lands designated as wilderness. This includes the use of motor vehicles, motorboats, motorized equipment, bicycles, hang gliders, wagons, carts, portage wheels, and the landing of aircraft including helicopters, unless provided for in

specific legislation.

In a few areas some exceptions allowing the use of motorized equipment or mechanical transport are described in the special regulations in effect for a specific area. Contact the Forest Service office or visit the websites listed below for more specific information.

These general prohibitions have been implemented for all national forest wildernesses in order to implement the provisions of the Wilderness Act of 1964. The Wilderness Act requires management of human-caused impacts and protection of the area's wilderness character to insure that it is "unimpaired for the future use and enjoyment as wilderness." Use of the equipment listed as prohibited in wilderness is inconsistent with the provision in the Wilderness Act which mandates opportunities for solitude or primitive recreation and that wilderness is a place that is in contrast with areas where people and their works are dominant.

Wilderness-Specific Regulations

Wilderness managers often need to take action to limit the impacts caused by visitor activities in order to protect the natural conditions of wilderness as required by the Wilderness Act of 1964. Managers typically implement 'indirect' types of actions such as information and education measures before selecting more restrictive measures. When regulations are necessary, they are implemented with the specific intent of balancing the need to preserve the character of the wilderness while providing for the use and enjoyment of wilderness.

The following wilderness regulations are in effect for this area. Not all regulations are in effect for every wilderness. Contact the national forest office or visit the websites listed below for more specific information about the regulations listed.

- CACHING OF EQUIPMENT PROHIBITED
- DISPOSING OF DEBRIS, GARBAGE PROHIBITED
- FIREWORKS PROHIBITED
 - POSSESSING, DISCHARGING, OR USING ANY TYPE FIREWORKS OR OTHER PYROTECHNIC DEVICE IS PROHIBITED.
- MAXIMUM LENGTH OF STAY : 30 DAYS
 - CAMPING IS PROHIBITED FOR A PERIOD OF LONGER THAN THIRTY (30) CONSECUTIVE DAYS ON ALL FOREST SERVICE LANDS IN MISSISSIPPI WITH THE EXCEPTION OF DEVELOPED RECREATION AREAS UNTIL FURTHER NOTICE. VIOLATION OF THIS

PROHIBITION IS PUNISHABLE BY A FINE OF NOT MORE THAN \$5,000 OR IMPRISONMENT FOR NOT MORE THAN SIX MONTHS OR BOTH.

- MECHANICAL PROPULSION DEVICES PROHIBITED
 - OPERATING AN INTERNAL COMBUSTION ENGINE, EXCEPT FOR OUTBOARD MOTORS IN THE BLACK CREEK RIVER.
- WAGON, WHEELBARROW, STROLLER, BICYCLE, GAME CART OR OTHER VEHICLE PROHIBITED (WHEELCHAIRS ALLOWED)

Contacts

De Soto Ranger District

PO BOX 248

654 WEST FRONTAGE ROAD

WIGGINS, MS 39577

Restrictions: Office hours are from 7:30 AM to 4:00 PM, Monday through Friday, except federal holidays.

Phone: 601-928-6160

Links to Other Websites

<http://www.southernregion.fs.fed.us/mississippi/desoto/> -- De Soto Ranger District Website - National Forests in Mississippi

Links on Wilderness.net

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=7#results> --

National, Regional and Local Wilderness Organizations (NGOs)

A listing of societies, organizations, coalitions and other wilderness-related advocacy and stewardship groups.

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=links&WLCID=11#results> --

Career and Volunteer Opportunities

A listing of sites providing information about wilderness- and environmentally-related career and volunteer opportunities.

Things to Consider When Planning a Trip to Wilderness

- Plan Ahead and Prepare
 - Know the regulations and special concerns for the area you'll visit.
 - Prepare for extreme weather, hazards, and emergencies.
 - Schedule your trip to avoid times of high use.

- Visit in small groups. Split larger parties into groups of 4-6.
- Repackage food to minimize waste.
- Use a map and compass to eliminate the use of marking paint, rock cairns or flagging.
- Travel and Camp on Durable Surfaces
 - Durable surfaces include established trails and campsites, rock, gravel, dry grasses or snow.
 - Protect riparian areas by camping at least 200 feet from lakes and streams.
 - Good campsites are found, not made. Altering a site is not necessary.
 - In popular areas:
 - Concentrate use on existing trails and campsites.
 - Walk single file in the middle of the trail, even when wet or muddy.
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 - Disperse use to prevent the creation of campsites and trails.
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 - Pack out toilet paper and hygiene products.
 - To wash yourself or your dishes, carry water 200 feet away from streams or lakes and use small amounts of biodegradable soap. Scatter strained dishwater.
- Leave What You Find
 - Preserve the past: examine, but do not touch, cultural or historic structures and artifacts.
 - Leave rocks, plants and other natural objects as you find them.
 - Avoid introducing or transporting non-native species.
 - Do not build structures, furniture, or dig trenches.
- Minimize Campfire Impacts
 - Campfires can cause lasting impacts to the backcountry. Use a lightweight stove for cooking and enjoy a candle lantern for light.
 - Where fires are permitted, use established fire rings, fire pans, or mound fires.
 - Keep fires small. Only use sticks from the ground that can be broken by hand.
 - Burn all wood and coals to ash, put out campfires completely, then scatter cool ashes.
- Respect Wildlife

- Observe wildlife from a distance. Do not follow or approach them.
- Never feed animals. Feeding wildlife damages their health, alters natural behaviors, and exposes them to predators and other dangers.
- Protect wildlife and your food by storing rations and trash securely.
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The source for the above information is the Leave No Trace: Center for Outdoor Ethics. For more detailed information on the seven principles of Leave No Trace and suggestions you can use to help plan a trip to wilderness, visit the following address: <http://www.lnt.org/programs/lnt7/index.html>.

General Equipment List

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- Tent
- Sleeping bag with stuff sack
- Backpack
- Clothing
 - Hiking boots (broken in and waterproofed)
 - Socks (wool and liner)
 - Jacket/sweater
 - Rain gear
 - Hat and/or stocking cap
 - Shirts (long- and short-sleeve), pants, shorts (pack according to the climate you will be travelling in)

- Cook stove with extra fuel bottle
- Cook pans
- Waterproof matches or lighter
- Bear canister (if travelling in bear country)
- Rope (long enough to hang food, if necessary)
- Cup, bowl, spoon, fork, knife (sharpened)
- Water bottles or canteens
- Water filter or water treatment kit
- Garbage bags, ziplock-type bags (for packing out waste and repackaging food)
- Sun glasses
- Mosquito repellent, chapstick, sun screen
- Toilet paper (in plastic bag with additional plastic bag for packing out used paper)
- Flashlight or headlamp (with extra batteries and bulb), candle lantern
- Toiletries (toothbrush/paste, personal medications etc.)
- First-aid kit, emergency survival blanket
- Repair kits for your stove, tent, backpack, hiking boots etc.
- Camera, binoculars
- Maps, compass, field guide, guidebook

The above information was obtained from the following URL and is current as of 2/26/10:

<http://www.wilderness.net/index.cfm?fuse=NWPS&sec=wildView&WID=314>



Feedback Analytics

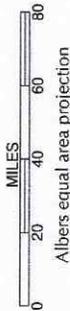
Appendix C



FEDERAL LANDS AND INDIAN RESERVATIONS

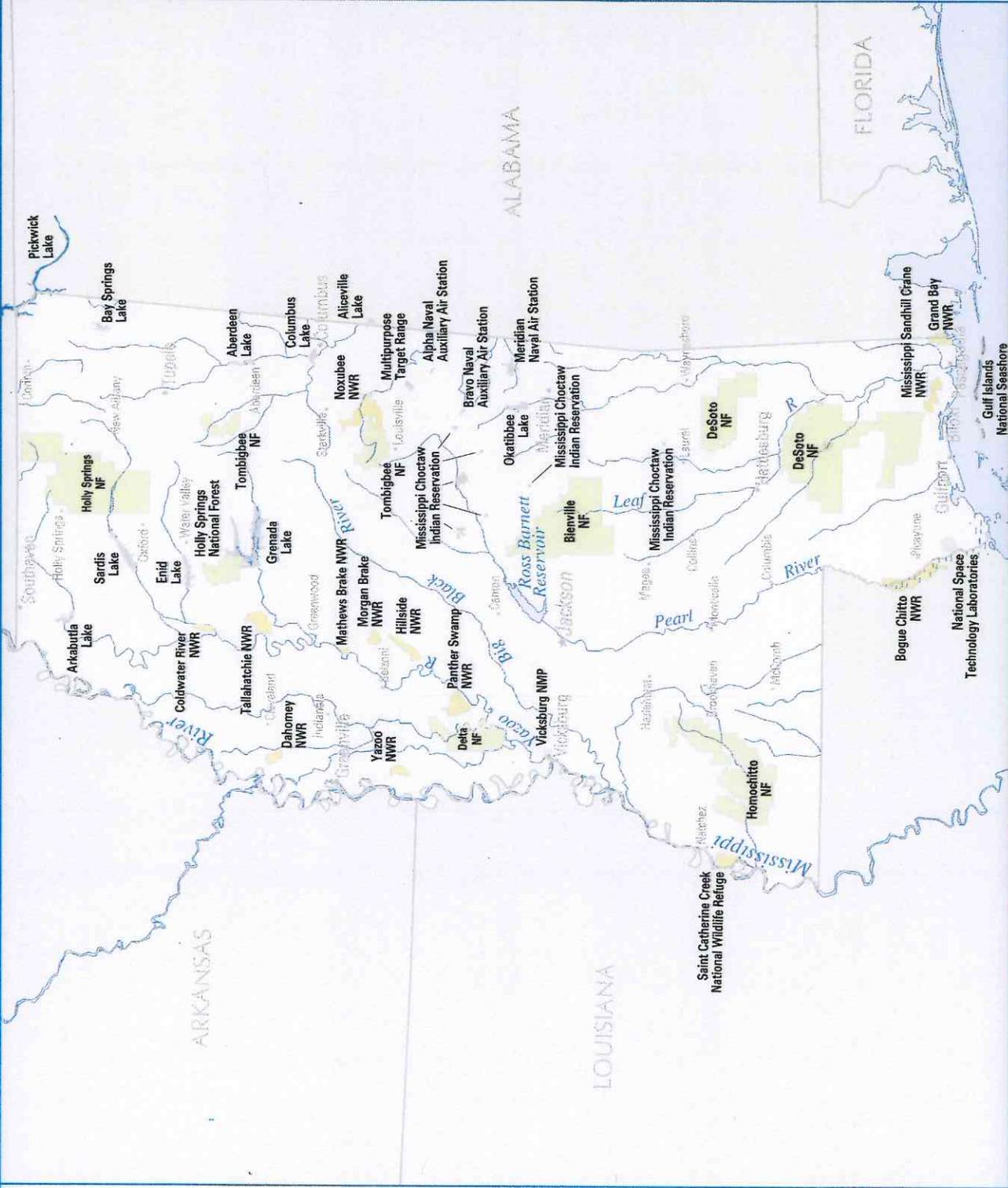
- Bureau of Indian Affairs
- Department of Defense (includes Army Corps of Engineers lakes)
- Fish and Wildlife Service / Wilderness
- Forest Service / Wilderness
- National Aeronautics and Space Administration
- National Park Service / Wilderness
- Tennessee Valley Authority

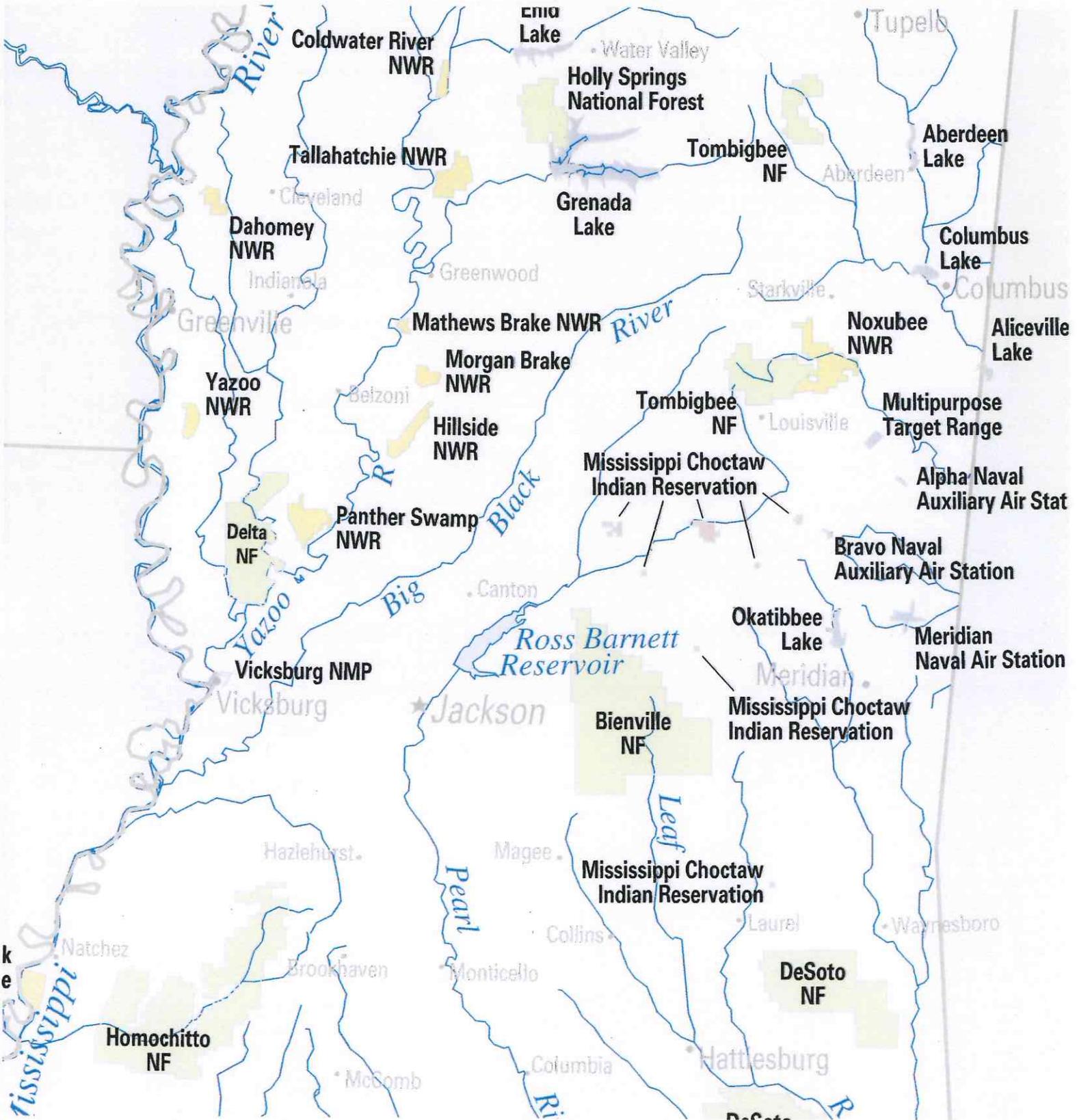
Some small sites are not shown, especially in urban areas.



Abbreviations

- NF National Forest
- NMP National Military Park
- NWR National Wildlife Refuge





Southeast Region

Conserving the Nature of America

- [Refuge Finder](#)
- [Service Finder](#)
- [Office Finder](#)
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- [Connecting People with Nature:](#)
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 - [Migratory Birds: Conservation & Management](#)
- [Get Involved](#)
 - [Business Opportunities](#)
 - [Friends](#)
 - [Jobs](#)
 - [Volunteer](#)
- [NWRs: Conserving Our Lands & Resources](#)
 - [National Wildlife Refuges](#)
 - [Invasive Species](#)
- [Landscape Conservation:](#)

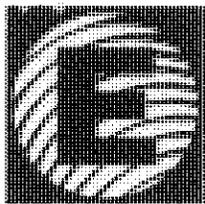
Map of Mississippi



National Wildlife Refuges

- [Bogue Chitto NWR](#)
- [Dahomey NWR](#)
- [Grand Bay NWR](#)
- [Hillside NWR](#)
- [Holt Collier NWR](#)
- [Mathews Brake NWR](#)
- [MS Sandhill Crane NWR](#)
- [Morgan Brake NWR](#)
- [Noxubee NWR](#)
- [Panther Swamp NWR](#)

Appendix D



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

December 22, 2009

Acting Field Supervisor
United States Fish and Wildlife Service
6578 Dogwood View Parkway
Jackson, Mississippi 39213

Subject:

Proposed MSWIN 20115 C Wireless Communications Tower

Sharon, Madison County, Mississippi

Environmental Engineers, Inc. Project No.: JSE01P0914

To Whom It May Concern:

Environmental Engineers, Inc. is requesting comment from the U.S. Fish and Wildlife Service on behalf of the Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency regarding impact to threatened or endangered species by construction of a wireless communications tower in Madison County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast $\frac{1}{4}$ of the southwest $\frac{1}{4}$ of Section 29, Township 10 North, Range 4 East, Madison County, Mississippi, at latitude $32^{\circ}40'37''$ north and longitude $89^{\circ}54'32''$ west (Figure 1). Proposed activities consist of construction of a 450-foot guyed communications tower (460 feet with appurtenances) with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel.

On November 6, 2009, I performed a pedestrian survey of the proposed site. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Highway 43 in Sharon, Mississippi 39046. The site is a portion of a pine plantation that slopes gently downward to the northwest. The northern guy easement extends across a grassed field into a wooded area comprised of hardwoods up to approximately ten inches diameter at breast height (dbh). The northern guy easement slopes downward toward the northwest crossing a drainage way then ending on a hillside. The southeastern guy easement crosses a drainageway and ends in a pine plantation that slopes gently downward to the northwest. The southwestern guy easement extends over a hillside into a pine plantation with trees up to eight inches dbh. The proposed access road follows an existing farm road that is grassed. A structure was noted immediately west of the proposed access road and just off of Highway 34.

The U.S. Fish and Wildlife Service (USFWS) lists two species as threatened occurring in Madison County, Mississippi (Table 1). The ringed map turtle is found in and near fast flowing streams and the Louisiana black bear requires large areas with little human disturbance. No presence of listed individuals or potential habitat for listed individuals was determined from this survey.

Phone: (205) 629-3868 • Fax: (877) 847-3060

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Thank you for your time and assistance and we look forward to your response. Please call us at (205) 629-3868 if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.



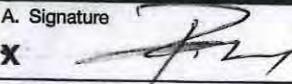
Mindy Milam

Staff Wildlife Biologist

Attachments: Site Location Map
Site Photographs
2002 Aerial Photograph
Table of Listed Species Occurring in Madison County, Mississippi

7007 2680 0002 3656 8585

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)	
For delivery information visit our website at www.usps.com	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.83
Postmark Here 12/23/09 DELAID0928 JSE01P0918 JSE01P0914	
Sent To Acting Field Supervisor Street, Apt. No., or PO Box No. City, State, ZIP+4	
PS Form 3800, August 2006 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION <ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 1. Article Addressed to: Acting Field Supervisor USF&MS 6578 Dogwood View Pkwy Jackson, MS 39213	COMPLETE THIS SECTION ON DELIVERY A. Signature  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee B. Received by (Printed Name) <u>Alex Ransom</u> C. Date of Delivery <u>12/28</u> D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:
2. Article Number (Transfer from service label) <u>7007 2680 0002 3656 8585</u>	
3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson, MS 39213
January 5, 2010



Mindy Milam
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120

ENVIRONMENTAL ENGINEERS

JAN 08 2010

RECEIVED

RE: Proposed Tower in Madison County, Mississippi. Project No: JSE01P0914

Dear Ms. Milam:

The U.S. Fish and Wildlife Service (Service) received your letter dated December 22, 2009, regarding proposed construction of a 450-foot high guyed communications tower and tower compound in a pine plantation located off of Hwy 43 in Sharon. Our comments are submitted in accordance with the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and the Migratory Bird Treaty Act (16 U.S.C. 703-711).

There is one federally listed terrestrial species for Madison County, the threatened Louisiana black bear (*Ursus americanus leteolus*) which inhabits large tracts of bottomland hardwood forests. With a small project footprint and the information and site photographs provided in your letter, it is unlikely that this listed species inhabits the project site. Therefore, the Service anticipates no impacts to any listed species to occur as a result of the proposed project. However, due to the adverse impact these towers can have on migratory birds, we would like to make several recommendations which can be found in the attached guidelines document.

If project plans change or if new information about listed species becomes available, consultation should be reinitiated. If you have any questions, please feel free to contact this office, telephone: (601) 321-1129.

Sincerely,

Terri Jacobson
Fish and Wildlife Biologist

Appendix E

Service Interim Guidelines For Recommendations On

Communications Tower Siting, Construction, Operation, and Decommissioning

1. Any company/applicant/licensee proposing to construct a new communications tower should be strongly encouraged to collocate the communications equipment on an existing communication tower or other structure (e.g., billboard, water tower, or building mount). Depending on tower load factors, from 6 to 10 providers may collocate on an existing tower.
2. If collocation is not feasible and a new tower or towers are to be constructed, communications service providers should be strongly encouraged to construct towers no more than 199 feet above ground level (AGL), using construction techniques which do not require guy wires (e.g., use a lattice structure, monopole, etc.). Such towers should be unlighted if Federal Aviation Administration regulations permit.
3. If constructing multiple towers, providers should consider the cumulative impacts of all of those towers to migratory birds and threatened and endangered species as well as the impacts of each individual tower.
4. If at all possible, new towers should be sited within existing "antenna farms" (clusters of towers). Towers should not be sited in or near wetlands, other known bird concentration areas (e.g., state or Federal refuges, staging areas, rookeries), in known migratory or daily movement flyways, or in habitat of threatened or endangered species. Towers should not be sited in areas with a high incidence of fog, mist, and low ceilings.
5. If taller (>199 feet AGL) towers requiring lights for aviation safety must be constructed, the minimum amount of pilot warning and obstruction avoidance lighting required by the FAA should be used. Unless otherwise required by the FAA, only white (preferable) or red strobe lights should be used at night, and these should be the minimum number, minimum intensity, and minimum number of flashes per minute (longest duration between flashes) allowable by the FAA. The use of solid red or pulsating red warning lights at night should be avoided. Current research indicates that solid or pulsating (beacon) red lights attract night-migrating birds at a much higher rate than white strobe lights. Red strobe lights have not yet been studied.
6. Tower designs using guy wires for support which are proposed to be located in known raptor or waterbird concentration areas or daily movement routes, or in major diurnal migratory bird movement routes or stopover sites, should have daytime visual markers on the wires to prevent collisions by these diurnally moving species. (For guidance on markers, see *Avian Power Line Interaction Committee (APLIC). 1994. Mitigating Bird Collisions with Power Lines: The State of the Art in 1994. Edison Electric Institute, Washington, D.C., 78 pp.*, and *Avian Power Line Interaction Committee (APLIC). 1996. Suggested Practices for Raptor Protection on Power Lines. Edison Electric Institute/Raptor Research Foundation, Washington, D.C., 128 pp.* Copies can be obtained via the Internet at <http://www.eei.org/resources/pubcat/enviro/>, or by calling 1-800/334-5453).

7. Towers and appendant facilities should be sited, designed and constructed so as to avoid or minimize habitat loss within and adjacent to the tower "footprint". However, a larger tower footprint is preferable to the use of guy wires in construction. Road access and fencing should be minimized to reduce or prevent habitat fragmentation and disturbance, and to reduce above ground obstacles to birds in flight.
8. If significant numbers of breeding, feeding, or roosting birds are known to habitually use the proposed tower construction area, relocation to an alternate site should be recommended. If this is not an option, seasonal restrictions on construction may be advisable in order to avoid disturbance during periods of high bird activity.
9. In order to reduce the number of towers needed in the future, providers should be encouraged to design new towers structurally and electrically to accommodate the applicant/licensee's antennas and comparable antennas for at least two additional users (minimum of three users for each tower structure), unless this design would require the addition of lights or guy wires to an otherwise unlighted and/or unguyed tower.
10. Security lighting for on-ground facilities and equipment should be down-shielded to keep light within the boundaries of the site.
11. If a tower is constructed or proposed for construction, Service personnel or researchers from the Communication Tower Working Group should be allowed access to the site to evaluate bird use, conduct dead-bird searches, to place net catchments below the towers but above the ground, and to place radar, Global Positioning System, infrared, thermal imagery, and acoustical monitoring equipment as necessary to assess and verify bird movements and to gain information on the impacts of various tower sizes, configurations, and lighting systems.
12. Towers no longer in use or determined to be obsolete should be removed within 12 months of cessation of use.

Appendix F

Henry Fisher

JSE 11/03/09

From: towernotifyinfo@fcc.gov
Sent: Tuesday, November 03, 2009 3:30 PM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2338458

Dear Henry A Fisher,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 11/03/2009

Notification ID: 57582

Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi

Consultant Name: Henry A Fisher

Street Address: 11578 U.S. Highway 411

City: Odenville

State: ALABAMA

Zip Code: 35120

Phone: 205-629-3868

Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower

Latitude: 32 deg 40 min 37.6 sec N

Longitude: 89 deg 54 min 32.0 sec W

Location Description: off of MS Hwy 43

City: Sharon

State: MISSISSIPPI

County: MADISON

Ground Elevation: 90 meters

Support Structure: 137.2 meters above ground level

Overall Structure: 137.2 meters above ground level

Overall Height AMSL: 227.2 meters above mean sea level

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, November 06, 2009 2:01 AM
To: towerinfo@envciv.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2340024

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - Livingston, TX - electronic mail

Details: The Alabama-Coushatta Tribe of Texas requests a review fee of \$300.00 for our services including internal file searches, elder consultations, and if necessary, travel expenses in the event a site visit is necessary to complete our determination regarding your proposal. Invoices will be forwarded to the email account we receive your Form 620/621 (or archaeological report, maps, and pertinent site information) from upon submission to celestine.bryant@actribe.org. Fee compensation instructions will also be included.

In the event an outstanding balance occurs, a detailed invoice will be submitted in place of our determination wherein your Section 106 obligations with our Tribe are not complete until we have forwarded our written response indicating our determination.

2. THPO Kenneth H Carleton - Mississippi Band of Choctaw Indians - Choctaw, MS - electronic mail

Details: Please send all information via e-mail (and only via e-mail - no paper copies please) to: choctawhp@gmail.com (9 meg attachment limit)

The Mississippi Band of Choctaw Indians wishes to see full information packets for all towers within the designated areas for consultation.

Form 620, if it includes the a full text of the cultural resource survey with maps, is adequate for our needs. If your 620 does not include the text of the cultural resource survey, then attach it seperately.

Please include the tower identification (TCNS#, name, and any other information that may help us identify this site) and the county and state where the facility is proposed in the subject line.

If the applicant/tower builder receives no response from the Mississippi Band of Choctaw Indians within 30 days AFTER YOU HAVE E-MAILED THE AFOREMENTIONED INFORMATION TO US (begin counting the 30 day period AFTER the e-mail with all of the information has been sent), then the Mississippi Band of Choctaw Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Mississippi Band of Choctaw Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

3. Archaeological Data Analyst Jennifer L Pietarila - Seminole Tribe of Florida - Clewiston, FL - electronic mail

Details: The Seminole Tribe of Florida Tribal Historic Preservation Office requests that all correspondence be conducted via email and email attachments. We also would like to request a Form 620 or 621 be provided for every cell tower submitted to us for review. Should you have any questions, please feel free to contact me at jenniferpietarila@semtribe.com or 863-983-6549 Ext. 12217. Thank you.

4. Director of Cultural Resources & THPO Terry D Cole - Choctaw Nation of Oklahoma - Durant, OK - electronic mail and regular mail

Details: The Applicant may conclude that the Choctaw Nation of Oklahoma has no interest in a site if there is existing disturbance wherein the depth of the previous disturbance exceeds the proposed construction depth (excluding footing and other anchoring mechanisms) by at least 2 feet (Applying VI - D(2)(c)(i) of the Nationwide Programmatic Agreement concerning Field Surveys; 'In the Matter of Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process,' Report and Order, 20 FCC Rcd. 1073, WT Docket No. 03-128, October 5, 2004).

Furthermore, the Choctaw Nation of Oklahoma does not have an interest in a Tower that will be constructed on an existing structure, developed land, or within city limits. However, any of the above mentioned criteria should be communicated to us if not evident in the initial Notification Details. For all other towers, we request a signed field survey report that

meets the Federal guidelines set forth by the Department of the Interior and a site location map along with pictures for each project.

Additionally, the Choctaw Nation of Oklahoma has informed FCC Staff that if the Applicant does not receive a response from the Tribe within 30 days of a TCNS notification, then the Applicant SHOULD MAKE A GOOD FAITH EFFORT WITH A FOLLOW-UP PHONE CALL to make sure that the tribe is aware of the proposed tower project. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone, historical crockery, glass or metal items, this office should be contacted immediately @ 1-800-522-6170 ext. 2137. [n.b. Please reference the TCNS number in all communications that follow the initial notification.]

5. MEKKO and Acting Tribal Administrator Jennie Lillard - Kialegee Tribal Town - Wetumka, OK - regular mail

Details: If the Applicant receives no response from the Kialegee Tribal Town within 30 days after notification through TCNS, the Kialegee Tribal Town has no interest in participating in pre-construction review for the site. The Applicant, however, must immediately notify the Kialegee Tribal Town in the event archaeological properties or human remains are discovered during construction.

6. THPO Earl J Barbry Jr - Tunica-Biloxi Indians of Louisiana - Marksville, LA - regular mail

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

7. SHPO Lee Warner - Alabama Historical Commission - Montgomery, AL - electronic mail

8. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - Montgomery, AL - electronic mail

9. SHPO Cathie Matthews - Department of Arkansas Heritage - Little Rock, AR - electronic mail

10. Deputy SHPO Ken Grunewald - Department of Arkansas Heritage - Little Rock, AR - electronic mail

11. SHPO Elbert Hilliard - Mississippi Dept of Archives & History - Jackson, MS - regular mail

12. Deputy SHPO Kenneth H P'Pool - Division of Historic Preservation - Jackson, MS - electronic mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 11/03/2009
Notification ID: 57582
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Fisher
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 32 deg 40 min 37.6 sec N
Longitude: 89 deg 54 min 32.0 sec W
Location Description: off of MS Hwy 43
City: Sharon
State: MISSISSIPPI
County: MADISON
Ground Elevation: 90.0 meters
Support Structure: 137.2 meters above ground level
Overall Structure: 137.2 meters above ground level

Overall Height AMSL: 227.2 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

Appendix G

General Information

1) (Select only one) (NE)		
NE – New	UA – Update of Application	WD – Withdrawal of Application
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.		File Number:

Applicant Information

3) FCC Registration Number (FRN):
4) Name: Towers of Mississippi/State of Mississippi

Contact Name

5) First Name: Taylor	6) MI:	7) Last Name: Robinson	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: 31560 Blakeley Way	
12) City: Spanish Fort		13) State: AL	14) Zip Code: 36527
15) Telephone Number: (205) 266-4466		16) Fax Number: ()	
17) E-mail Address: trobinson@vulcancompany.com			

Consultant Information

18) FCC Registration Number (FRN): 0019057413
19) Name: MRS Consultants, LLC.

Principal Investigator

20) First Name: Beth	21) MI: A	22) Last Name: Ryba	23) Suffix:
24) Title: Cultural Resource Specialist			

Principal Investigator Contact Information

25) P.O. Box: 3146	And /Or	26) Street Address:	
27) City: Tuscaloosa		28) State: AL	29) Zip Code: 35403
30) Telephone Number: (205) 759-1621		31) Fax Number: (205) 759-1621	
32) E-mail Address: earyba@earthlink.net			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	<input checked="" type="checkbox"/> <u>Yes</u> <input type="checkbox"/> <u>No</u>
34) Areas of Professional Qualification: <input checked="" type="checkbox"/> Archaeologist <input type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	<input type="checkbox"/> <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>
--	---

If "Yes", complete the following:

36) First Name:	37) MI:	38) Last Name:	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: <input type="checkbox"/> Archaeologist <input type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____			

**This page may be copied to include additional staff.
Consultant information Attachments required – See instructions for details.**

Site Information

Tower Construction Notification System

1) TCNS Notification Number: 57582

Site Information

2) Site Name: Sharon

3) Site Address: 3600 Highway 43 (nearest street address)

4) City: Sharon	5) State: MS	6) Zip Code: 39163
-----------------	--------------	--------------------

7) County/Borough/Parish: Madison

8) Nearest Crossroads: Highway 43 & Dean Road

9) NAD 83 Latitude (DD-MM-SS.S): 32-40-37.6 (X) N or () S

10) NAD 83 Longitude (DD-MM-SS.S): 89-54-31.9 () E or (X) W

Tower Information

11) Tower height above ground level (include top-mounted attachments such as lightning rods): 450 (X) Feet () Meters

12) Tower Type (Select One):

(X) Guyed lattice tower

() Self-supporting lattice

() Monopole

() Other (Describe):

Project Status

13) Current Project Status (Select One):

(X) Construction has not yet commenced

() Construction has commenced, but is not completed Construction commenced on: ___/___/___

() Construction has been completed Construction commenced on: ___/___/___

Construction completed on: ___/___/___

Site information Attachments required – See instructions for details.

Determination of Effect

14) Direct Effects (Select One):

- No Historic Properties in Area of Potential Effects (APE)
- No Effect on Historic Properties in APE
- No Adverse Effect on Historic Properties in APE
- Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

- No Historic Properties in Area of Potential Effects (APE)
- No Effect on Historic Properties in APE
- No Adverse Effect on Historic Properties in APE
- Adverse Effect on one or more Historic Properties in APE

Determination of Effect Attachments required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		(<input checked="" type="checkbox"/>) Yes (<input type="checkbox"/>) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>57582</u>	Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system: None	Number of Tribes/NHOs: <u>None</u>	

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Alabama-Coushatta Tribe of Texas

Contact Name

5) First Name: <u>Bryant</u>	6) MI: <u>J</u>	7) Last Name: <u>Celestine</u>	8) Suffix:
9) Title: <u>Historic Preservation Officer</u>			

Dates & Response

10) Date Contacted <u>11 / 3 / 09</u>	11) Date Replied <u> / / </u>
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

**This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.**

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		(<input checked="" type="checkbox"/>) Yes (<input type="checkbox"/>) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>57582</u>	Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system: <u>None</u>	Number of Tribes/NHOs: <u>None</u>	

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <u>Choctaw Nation of Oklahoma</u>

Contact Name

5) First Name: <u>Terry</u>	6) MI: <u>D</u>	7) Last Name: <u>Cole</u>	8) Suffix:
9) Title: <u>Director of Cultural Resources and THPO</u>			

Dates & Response

10) Date Contacted <u>11 / 3 / 09</u>	11) Date Replied <u> / / </u>
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other _____	

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		(<input checked="" type="checkbox"/>) Yes (<input type="checkbox"/>) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>57582</u>	Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system: None	Number of Tribes/NHOs: <u>None</u>	

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Kialegee Tribal Town

Contact Name

5) First Name: Jennie	6) Mi:	7) Last Name: Lillard	8) Suffix:
9) Title: MEKKO and Acting Tribal Administrator			

Dates & Response

10) Date Contacted <u>11 / 3 / 09</u>	11) Date Replied <u> / / </u>
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other _____	

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) Yes (<input type="checkbox"/>) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>57582</u>	Number of Tribes/NHOs: <u>6</u>
2b) Tribes/NHOs contacted through an alternate system: <u>None</u>	Number of Tribes/NHOs: <u>None</u>

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: <u>Mississippi Band of Choctaw Indians</u>

Contact Name

5) First Name: <u>Kenneth</u>	6) MI: <u>H</u>	7) Last Name: <u>Carleton</u>	8) Suffix:
9) Title: <u>THPO</u>			

Dates & Response

10) Date Contacted <u>11 / 3 / 09</u>	11) Date Replied <u> / / </u>
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other _____	

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		(<input checked="" type="checkbox"/>) Yes (<input type="checkbox"/>) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>57582</u>	Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system: None	Number of Tribes/NHOs: <u>None</u>	

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Seminole Tribe of Florida

Contact Name

5) First Name: Jennifer	6) MI: L	7) Last Name: Pietarila	8) Suffix:
9) Title: Archaeological Data Analyst			

Dates & Response

10) Date Contacted <u>11 / 3 / 09</u>	11) Date Replied <u> / / </u>
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?		(<input checked="" type="checkbox"/>) Yes (<input type="checkbox"/>) No
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>57582</u>	Number of Tribes/NHOs: <u>6</u>	
2b) Tribes/NHOs contacted through an alternate system: None	Number of Tribes/NHOs: <u>None</u>	

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Tunica-Biloxi Indians of Louisiana

Contact Name

5) First Name: Earl	6) MI: J	7) Last Name: Barbry	8) Suffix: Jr.
9) Title: THPO			

Dates & Response

10) Date Contacted <u>11</u> / <u>3</u> / <u>09</u>	11) Date Replied _____ / _____ / _____
<input checked="" type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

**This page may be copied to include additional Tribes/NHOs contacted.
Tribal/NHO Involvement Attachments may be required – See instructions for details.**

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN): None
2) Name: None

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	And /Or	9) Street Address:
10) City:	11) State:	12) Zip Code:
13) Telephone Number: ()	14) Fax Number: ()	
15) E-mail Address:		
16) Preferred means of communication:		
<input type="checkbox"/> E-mail <input type="checkbox"/> Letter <input type="checkbox"/> Both		

Dates & Response

17) Date Contacted ____/____/____	18) Date Replied ____/____/____
<input type="checkbox"/> No Reply <input type="checkbox"/> Replied/No Interest <input type="checkbox"/> Replied/Have Interest <input type="checkbox"/> Replied/Other _____	

This page may be copied to include additional Tribes/NHOs.

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	() <u>Yes</u> (<u>X</u>) <u>No</u>
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	() <u>Yes</u> (<u>X</u>) <u>No</u>
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	() <u>Yes</u> (<u>X</u>) <u>No</u>

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Yes</u> () <u>No</u>
12) Is this property eligible for listing on the National Register? Source: _____	() <u>Yes</u> () <u>No</u>
13) Is this property a National Historic Landmark?	() <u>Yes</u> () <u>No</u>

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

**This page may be copied to include additional Historic Properties.
Historic Property Attachments required – See instructions for details.**

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: Madison County Board of Supervisors

Contact Name

3) First Name: Paul	4) MI:	5) Last Name: Griffin	6) Suffix:
7) Title: President			

Contact Information

8) P.O. Box: 5	And /Or	9) Street Address:
10) City: Camden	11) State: MS	12) Zip Code: 39045
13) Telephone Number: ()	14) Fax Number: ()	
15) E-mail Address:		
16) Preferred means of communication: () E-mail (<input checked="" type="checkbox"/>) Letter () Both		

Dates & Response

17) Date Contacted 11 / 2 / 09	18) Date Replied ____ / ____ / ____
(<input checked="" type="checkbox"/>) No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other _____	

Additional Information

19) Information on local government's role or interest (optional):
--

This page may be copied to include additional local government agencies.
Local Government Attachments required – See instructions for details.

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	() Yes (X) No
--	------------------

Consulting Party

2) FCC Registration Number (FRN):
3) Name:

Contact Name

4) First Name:	5) MI:	6) Last Name:	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box:	And /Or	10) Street Address:		
11) City:		12) State:	13) Zip Code:	
14) Telephone Number: ()		15) Fax Number: ()		
16) E-mail Address:				
17) Preferred means of communication:				
() E-mail				
() Letter				
() Both				

Dates & Response

18) Date Contacted ____/____/____	19) Date Replied ____/____/____
() No Reply	
() Replied/No Interest	
() Replied/Have Interest	
() Replied/Other _____	

Additional Information

20) Information on other consulting parties' role or interest (optional):

This page may be copied to include additional consulting parties.
Consulting Parties Attachments required - See instructions for details.

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: H.T. Holmes, Mississippi Department of Archives and History

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Designation of SHPO/THPO Attachments may be required – See instructions for details.

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

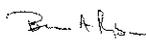
Party Authorized to Sign MRS Consultants, LLC. Principal Investigator

First Name: Beth

Mi: A

Last Name: Ryba

Suffix: _____

Signature: 

Date: 11 / 04 / 09

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

ATTACHMENT 1
Vitae are On File

ATTACHMENT 2
ATTACHMENT 7
ATTACHMENT 8
ATTACHMENT 9
ATTACHMENT 10
ATTACHMENT 11
ATTACHMENT 12

See Accompanying Cultural Resource Report

Attachment 3. Tribal and NHO Involvement

Initial notification to Native American tribes/organizations was submitted through the FCC Tower Construction Notification System (TCNS). See the attached TCNS list for details.

Attachment 4. Local Government

Correspondence was submitted to the local government agency with jurisdiction over the project area for comment regarding potential impacts to historical or cultural sites by the proposed action. See the attached correspondence for more information.

Attachment 5. Public Involvement

A notice requesting comment regarding potential impacts to historical or archaeological properties by the proposed action was published. Please see the attached information for details regarding the public notice.

Attachment 6. Additional Consulting Parties (Where Applicable)

Correspondence was submitted to additional consulting parties for comment regarding potential impacts to historical or cultural sites by the proposed action. See the attached correspondence for more information. (Please note that no correspondence is included where additional consulting parties were not identified for a project.)

Henry Fisher

JSE21120914

From: towernotifyinfo@fcc.gov
Sent: Tuesday, November 03, 2009 3:30 PM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2338458

Dear Henry A Fisher,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 11/03/2009

Notification ID: 57582

Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi

Consultant Name: Henry A Fisher

Street Address: 11578 U.S. Highway 411

City: Odenville

State: ALABAMA

Zip Code: 35120

Phone: 205-629-3868

Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower

Latitude: 32 deg 40 min 37.6 sec N

Longitude: 89 deg 54 min 32.0 sec W

Location Description: off of MS Hwy 43

City: Sharon

State: MISSISSIPPI

County: MADISON

Ground Elevation: 90 meters

Support Structure: 137.2 meters above ground level

Overall Structure: 137.2 meters above ground level

Overall Height AMSL: 227.2 meters above mean sea level

57582

JSE 914

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, November 06, 2009 2:01 AM
To: towerinfo@envciv.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2340024

Dear Sir or Madam:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the information you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribes and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - Livingston, TX - electronic mail
 Details: The Alabama-Coushatta Tribe of Texas requests a review fee of \$300.00 for our services including internal file searches, elder consultations, and if necessary, travel expenses in the event a site visit is necessary to complete our determination regarding your proposal. Invoices will be forwarded to the email account we receive your Form 620/621 (or archaeological report, maps, and pertinent site information) from upon submission to celestine.bryant@actribe.org. Fee compensation instructions will also be included.

In the event an outstanding balance occurs, a detailed invoice will be submitted in place of our determination wherein your Section 106 obligations with our Tribe are not complete until we have forwarded our written response indicating our determination.

2. THPO Kenneth H Carleton - Mississippi Band of Choctaw Indians - Choctaw, MS - electronic mail

Details: Please send all information via e-mail (and only via e-mail - no paper copies please) to: choctawhp@gmail.com (9 meg attachment limit)

The Mississippi Band of Choctaw Indians wishes to see full information packets for all towers within the designated areas for consultation.

Form 620, if it includes the a full text of the cultural resource survey with maps, is adequate for our needs. If your 620 does not include the text of the cultural resource survey, then attach it seperately.

Please include the tower identification (TCNS#, name, and any other information that may help us identify this site) and the county and state where the facility is proposed in the subject line.

If the applicant/tower builder receives no response from the Mississippi Band of Choctaw Indians within 30 days AFTER YOU HAVE E-MAILED THE AFOREMENTIONED INFORMATION TO US (begin counting the 30 day period AFTER the e-mail with all of the information has been sent), then the Mississippi Band of Choctaw Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Mississippi Band of Choctaw Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

3. Archaeological Data Analyst Jennifer L Pietarila - Seminole Tribe of Florida - Clewiston, FL - electronic mail

Details: The Seminole Tribe of Florida Tribal Historic Preservation Office requests that all correspondence be conducted via email and email attachments. We also would like to request a Form 620 or 621 be provided for every cell tower submitted to us for review. Should you have any questions, please feel free to contact me at jenniferpietarila@semtribe.com or 863-983-6549 Ext. 12217. Thank you.

4. Director of Cultural Resources & THPO Terry D Cole - Choctaw Nation of Oklahoma - Durant, OK - electronic mail and regular mail

Details: The Applicant may conclude that the Choctaw Nation of Oklahoma has no interest in a site if there is existing disturbance wherein the depth of the previous disturbance exceeds the proposed construction depth (excluding footing and other anchoring mechanisms) by at least 2 feet (Applying VI - D(2)(c)(i) of the Nationwide Programmatic Agreement concerning Field Surveys; 'In the Matter of Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process,' Report and Order, 20 FCC Rcd. 1073, WT Docket No. 03-128, October 5, 2004).

Furthermore, the Choctaw Nation of Oklahoma does not have an interest in a Tower that will be constructed on an existing structure, developed land, or within city limits. However, any of the above mentioned criteria should be communicated to us if not evident in the initial Notification Details. For all other towers, we request a signed field survey report that

meets the Federal guidelines set forth by the Department of the Interior and a site location map along with pictures for each project.

Additionally, the Choctaw Nation of Oklahoma has informed FCC Staff that if the Applicant does not receive a response from the Tribe within 30 days of a TCNS notification, then the Applicant SHOULD MAKE A GOOD FAITH EFFORT WITH A FOLLOW-UP PHONE CALL to make sure that the tribe is aware of the proposed tower project. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone, historical crockery, glass or metal items, this office should be contacted immediately @ 1-800-522-6170 ext. 2137. [n.b. Please reference the TCNS number in all communications that follow the initial notification.]

5. MEKKO and Acting Tribal Administrator Jennie Lillard - Kialegee Tribal Town - Wetumka, OK - regular mail

Details: If the Applicant receives no response from the Kialegee Tribal Town within 30 days after notification through TCNS, the Kialegee Tribal Town has no interest in participating in pre-construction review for the site. The Applicant, however, must immediately notify the Kialegee Tribal Town in the event archaeological properties or human remains are discovered during construction.

6. THPO Earl J Barbry Jr - Tunica-Biloxi Indians of Louisiana - Marksville, LA - regular mail

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA.

7. SHPO Lee Warner - Alabama Historical Commission - Montgomery, AL - electronic mail

8. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - Montgomery, AL - electronic mail

9. SHPO Cathie Matthews - Department of Arkansas Heritage - Little Rock, AR - electronic mail

10. Deputy SHPO Ken Grunewald - Department of Arkansas Heritage - Little Rock, AR - electronic mail

11. SHPO Elbert Hilliard - Mississippi Dept of Archives & History - Jackson, MS - regular mail

12. Deputy SHPO Kenneth H P'Pool - Division of Historic Preservation - Jackson, MS - electronic mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 11/03/2009
Notification ID: 57582
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Fisher
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 32 deg 40 min 37.6 sec N
Longitude: 89 deg 54 min 32.0 sec W
Location Description: off of MS Hwy 43
City: Sharon
State: MISSISSIPPI
County: MADISON
Ground Elevation: 90.0 meters
Support Structure: 137.2 meters above ground level
Overall Structure: 137.2 meters above ground level

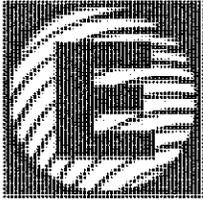
Overall Height AMSL: 227.2 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

November 2, 2009

Mr. Paul Griffin, President
Madison County Board of Supervisors
P.O. Box 5
Camden, MS 39045

Subject:

Proposed MSWIN 20115 C Wireless Communications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Mr. Griffin:

Pursuant to the requirements of the March 2005 Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA) and Section 106 of the National Historic Preservation Act (NHPA) we are requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding impact to historical or cultural sites listed on, or eligible for listing on the National Register of Historic Places (NRHP) by construction of a wireless communications tower in Madison County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast $\frac{1}{4}$ of the southwest $\frac{1}{4}$ and the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 29 and the northeast $\frac{1}{4}$ of the northwest $\frac{1}{4}$ and the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of Section 32, both in Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37.648" north and longitude 89°54'31.969" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Mississippi Highway 43 north of Sharon, Mississippi 39163. Proposed activities consist of construction of a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel. I have included a site location map for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Please provide comment within thirty days of the date of this letter. Thank you for your time and assistance and we look forward to your response. Please call me at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.



Henry A. Fisher, P.E.
Principal Engineer

Attachments Site Location Map

Phone: (205) 629-3868 • Fax: (877) 847-3060

7007 0220 0003 4720 6657

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only. No Insurance Coverage Provided)

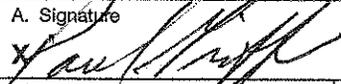
For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$	11/3/09 Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 5.54	JSEW/PD914

Sent To: Mr. Paul Griffin, President
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

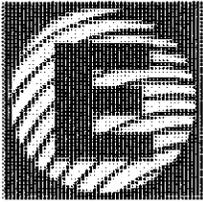
PS Form 3811, August 2004 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature  <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) P. Griffin</p> <p>C. Date of Delivery 11-4-09</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p>Mr. Paul Griffin, President Madison County Bd of Supervisors P.O. Box 5 Camden, MS 39045</p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7007 0220 0003 4720 6657</p>

Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) in accordance with Section 106 of the National Historic Preservation Act (NHPA) are requesting comment regarding potential impacts to historical or archaeological properties listed on, or eligible for listing on the National Register of Historic Places (NRHP), by construction of a 450 foot guyed communications tower off of MS Highway 43, Sharon, Madison County, Mississippi, 39163, at latitude 32° 40' 37.6" north and longitude 89° 54' 32.0" west.

All comments should be submitted within 30 days of the publication of this notice referencing project JSE01P0914 and sent to the attention of Mr. Henry Fisher, Environmental Engineers, Inc., 11578 U.S. Highway 411, Odenville, AL 35120. Mr. Fisher may also be reached via email at towerinfo@envciv.com, via telephone at (205) 629-3868, or via facsimile at (877) 847-3060.

Appendix H



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

November 17, 2009

Mr. Jim Woodrick
Mississippi Department of Archives and History
Charlotte Capers Archives and History Building
100 South State St.
Jackson, MS 39201

Subject:

Section 106 Review

Proposed MSWIN 20115 C Wireless Communications Tower

Sharon, Madison County, Mississippi

Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Mr. Woodrick:

Environmental Engineers, Inc. is requesting a Section 106 review, on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) for the above referenced site. Enclosed you will find a copy of the completed FCC Form 620 for the project site, including all attachments.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. If you have any questions or need additional information, please contact me at (205) 629-3868.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Enc. FCC Form 620

Phone: (205) 629-3868 • Fax: (877) 847-3060

From: Origin ID: CZCA (205) 629-3868
HENRY FISHER
ENVIRONMENTAL ENGINEERS, INC
11578 U.S. Highway 411



Ship Date: 17NOV09
ActWgt: 1.0 LB
CAD: 4760346/NET9090
Account#: S *****

Odenville, AL 35120

Delivery Address Bar Code



SHIP TO: (601) 359-6940 BILL SENDER

Mr. Jim Woodrick
MS Dept of Archives & History
100 S STATE ST

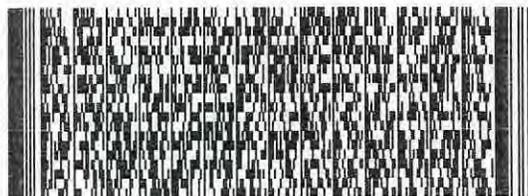
Ref #
Invoice # *CEL01P0919*
PO # *JSE01P0914*
Dept # *JSE01P0920*

JACKSON, MS 39201

WED - 18NOV A2

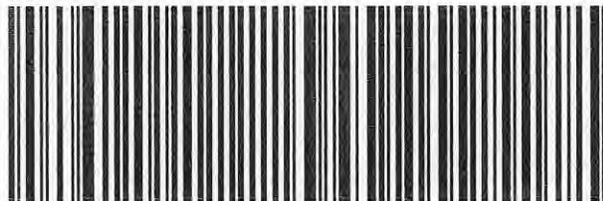
TRK# 7981 4713 4916
0201

PRIORITY OVERNIGHT



39201
MS-US
MEM

XX JANA



After printing this label:

1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Cheryl Johnson

From: TrackingUpdates@fedex.com
Sent: Thursday, November 19, 2009 8:57 AM
To: cjohnson@envciv.com
Subject: FedEx Shipment 798147134916 Delivered

This tracking update has been requested by:

Company Name: ENVIRONMENTAL ENGINEERS, INC
Name: HENRY FISHER
E-mail: cjohnson@envciv.com

Our records indicate that the following shipment has been delivered:

Ship (P/U) date: Nov 18, 2009
Delivery date: Nov 19, 2009 8:52 AM
Sign for by: D.SMITH
Delivered to: Receptionist/Front Desk
Service type: FedEx Priority Overnight
Packaging type: FedEx Pak
Number of pieces: 1
Weight: 2.00 lb.
Special handling/Services: Deliver Weekday

Tracking number: 798147134916

Shipper Information	Recipient Information
HENRY FISHER	Mr. Jim Woodrick
ENVIRONMENTAL ENGINEERS, INC	MS Dept of Archives & History
11578 U.S. Highway 411	100 S STATE ST
Odenville	JACKSON
AL	MS
US	US
35120	39201

Please do not respond to this message. This email was sent from an unattended mailbox. This report was generated at approximately 8:56 AM CST on 11/19/2009.

[Learn more](#) about new ways to track with FedEx.

All weights are estimated.

To track the latest status of your shipment, click on the tracking number above, or visit us at fedex.com.

This tracking update has been sent to you by FedEx on the behalf of the Requestor noted above. FedEx does not validate the authenticity of the requestor and does not validate, guarantee or warrant the authenticity of the request, the requestor's message, or the accuracy of this tracking update. For tracking results and fedex.com's terms of use, go to fedex.com.

Thank you for your business.

11/23/2009



PO Box 571, Jackson, MS 39205-0571
601-576-6850 • Fax 601-576-6975
mdah.state.ms.us
H. T. Holmes, Director

December 9, 2009

ENVIRONMENTAL ENGINEERS

Mr. Henry Fisher, P.E.
Principle Engineer
Environmental Engineers, Inc.
11578 U.S. Highway 411
Odenville, Alabama 35120

DEC 11 2009

RECEIVED

RE: Proposed MSWIN 20115 C Wireless Communications Tower, Sharon, MDAH
Project Log #11-168-09, Madison County

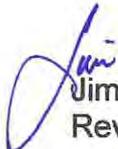
Dear Mr. Fisher:

We have reviewed the November 3, 2009, cultural resources survey report by Beth A. Ryba, Principal Investigator, received on November 19, 2009, for the above referenced undertaking, pursuant to our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800. After review, we concur that no known cultural resources listed in or eligible for listing in the National Register of Historic Places are likely to be affected. Therefore, we have no objections with the proposed undertaking.

There remains the possibility that unrecorded cultural resources may be encountered during the project. Should this occur, we would appreciate your contacting this office immediately in order that we may offer appropriate comments under 36 CFR 800.13.

Please provide a copy of this letter to Ms. Ryba. If you need further information, please let us know.

Sincerely,


Jim Woodrick
Review and Compliance Officer

FOR: H.T. Holmes
State Historic Preservation Officer

c: Clearinghouse for Federal Programs

Appendix I

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 17, 2009 8:49 PM
To: 'Bryant J. Celestine'
Subject: Proposed MSWIN 20115 C Wireless Communications Tower TCNS 57582
Attachments: FCC Form 620 MSWIN 20115 Tower TCNS 57582.pdf

Mr. Bryant Celestine
Alabama-Coushatta Tribe of Texas

Subject:
TCNS 57582
Proposed MSWIN 20115 C Wireless Communications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Mr. Celestine:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Madison County, Mississippi. This project was also submitted through the FCC TCNS on November 3, 2009 (TCNS ID # 57582).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast ¼ of the southwest ¼ and the southwest ¼ of the southeast ¼ of Section 29 and the northeast ¼ of the northwest ¼ and the northwest ¼ of the northeast ¼ of Section 32, both in Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37.648" north and longitude 89°54'31.969" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Mississippi Highway 43 north of Sharon, Mississippi 39163. Proposed activities consist of construction of a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: Bryant J. Celestine [celestine.bryant@actribe.org]
Sent: Friday, December 11, 2009 11:36 AM
To: 'Henry Fisher'
Subject: RE: Proposed MSWIN 20115 C Wireless Communications Tower TCNS 57582

Dear Mr. Fisher:

On behalf of Chief Oscola Clayton Sylestine and the Alabama-Coushatta Tribe, our appreciation is expressed on your efforts to consult us regarding TCNS #57582 in Madison County.

Our Tribe maintains ancestral associations within the state of Mississippi despite the absence of written documentation to completely identify Tribal activities, villages, trails, or burial sites. However, it is our objective to ensure significances of Native American ancestry, especially of the Alabama-Coushatta Tribe, are administered with the utmost regard.

Upon review of your November 17, 2009 submission, no known impacts to religious, cultural, or historical assets of the Alabama-Coushatta Tribe of Texas should occur in conjunction with this proposal. However, in the event of inadvertent discovery of human remains and/or archaeological artifacts during construction, activity in proximity to the location must cease and appropriate authorities, including this office, notified without delay.

Should you require further assistance regarding this matter, please do not hesitate to contact us.

Sincerely,

Bryant J. Celestine
Historic Preservation Officer
Alabama-Coushatta Tribe of Texas
571 State Park Rd 56
Livingston, Texas 77351
936 - 563 - 1181
celestine.bryant@actribe.org

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 17, 2009 8:50 PM
To: 'Caren Johnson'
Subject: Proposed MSWIN 20115 C Wireless Communications Tower TCNS 57582
Attachments: FCC Form 620 MSWIN 20115 Tower TCNS 57582.pdf

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 57582
Proposed MSWIN 20115 C Wireless Communications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Madison County, Mississippi. This project was also submitted through the FCC TCNS on November 3, 2009 (TCNS ID # 57582).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast $\frac{1}{4}$ of the southwest $\frac{1}{4}$ and the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 29 and the northeast $\frac{1}{4}$ of the northwest $\frac{1}{4}$ and the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of Section 32, both in Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37.648" north and longitude 89°54'31.969" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Mississippi Highway 43 north of Sharon, Mississippi 39163. Proposed activities consist of construction of a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: Caren Johnson [cjohnson@choctawnation.com]
Sent: Thursday, January 07, 2010 8:50 AM
To: Henry Fisher
Subject: RE: Proposed MSWIN 20115 C Wireless Communications Tower TCNS 57582

January 7, 2010

Mr. Henry Fisher:

The Choctaw Nation of Oklahoma has reviewed cell tower(s) FCC # 57582 and based on the information provided to the best of our knowledge it will have no adverse effect on any historic properties in the project's area of potential effect. However, should construction expose buried archaeological or building materials such as chipped stone, tools, pottery, bone, historic crockery, glass or metal items, or should it uncover evidence of buried historic building materials such as rock foundations, brick, or hand poured concrete, this office should be contacted immediately @ 1-800-522-6170 ext. 2137.

Sincerely,

*Caren A. Johnson,
Administrative Assistant
Choctaw Nation of Oklahoma
P. O. Box 1210, 16th & Locust
Durant, OK 74702-1210
1-580-924-8280 Ext. 2133
Fax 1-580-920-3181*

From: Henry Fisher [mailto:hfisher@envciv.com]
Sent: Tuesday, November 17, 2009 8:50 PM
To: Caren Johnson
Subject: Proposed MSWIN 20115 C Wireless Communications Tower TCNS 57582

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 57582
Proposed MSWIN 20115 C Wireless Communications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Madison County, Mississippi. This project was also submitted through the FCC TCNS on November 3, 2009 (TCNS ID # 57582).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast ¼ of the southwest ¼ and the southwest ¼ of the southeast ¼ of Section 29 and the northeast ¼ of the northwest ¼ and the northwest ¼ of the northeast ¼ of Section 32, both in Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37.648" north and longitude 89°54'31.969" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Mississippi Highway 43 north of Sharon, Mississippi 39163. Proposed activities consist of construction of a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure. If you have received this message in error, you are hereby notified that we do not consent to any reading, dissemination, distribution or copying of this message. If you have received this communication in error, please notify the sender immediately and destroy the transmitted information. Please note that any view or opinions presented in this email are solely those of the author and do not necessarily represent those of the Choctaw Nation.

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 17, 2009 8:52 PM
To: 'Carleton, Ken'; 'choctawhp@gmail.com'
Subject: Proposed MSWIN 20115 C Wireless Communications Tower TCNS 57582
Attachments: FCC Form 620 MSWIN 20115 Tower TCNS 57582.pdf

Mr. Ken Carleton
Mississippi Band of Choctaw Indians

Subject:
TCNS 57582
Proposed MSWIN 20115 C Wireless Communications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Mr. Carleton:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Madison County, Mississippi. This project was also submitted through the FCC TCNS on November 3, 2009 (TCNS ID # 57582).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast $\frac{1}{4}$ of the southwest $\frac{1}{4}$ and the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 29 and the northeast $\frac{1}{4}$ of the northwest $\frac{1}{4}$ and the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of Section 32, both in Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37.648" north and longitude 89°54'31.969" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Mississippi Highway 43 north of Sharon, Mississippi 39163. Proposed activities consist of construction of a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 17, 2009 8:52 PM
To: 'Jennifer Pietarila'
Subject: Proposed MSWIN 20115 C Wireless Communications Tower TCNS 57582
Attachments: FCC Form 620 MSWIN 20115 Tower TCNS 57582.pdf

Ms. Jennifer Pietarila
Seminole Tribe of Florida

Subject:
TCNS 57582
Proposed MSWIN 20115 C Wireless Communications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Ms. Pietarila:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Madison County, Mississippi. This project was also submitted through the FCC TCNS on November 3, 2009 (TCNS ID # 57582).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast $\frac{1}{4}$ of the southwest $\frac{1}{4}$ and the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 29 and the northeast $\frac{1}{4}$ of the northwest $\frac{1}{4}$ and the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of Section 32, both in Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37.648" north and longitude 89°54'31.969" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Mississippi Highway 43 north of Sharon, Mississippi 39163. Proposed activities consist of construction of a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel. I have attached the FCC Form 620 prepared for this project by MRS Consultants, LLC and Environmental Engineers, Inc.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Thank you for your time and assistance and I look forward to your response. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Wednesday, November 18, 2009 9:14 AM
To: towerinfo@envciv.com
Cc: tcns.fccarchive@fcc.gov; jenniferpietarila@semtribe.com
Subject: Reply to Proposed Tower Structure (Notification ID: 57582) - Email ID #2355173

Dear Henry A Fisher,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Archaeological Data Analyst Jennifer L Pietarila of the Seminole Tribe of Florida in reference to Notification ID #57582:

To Whom It May Concern,

The Seminole Tribe of Florida Tribal Historic Preservation Office (STOF-THPO) has received your email correspondence concerning the aforementioned project. The STOF-THPO concurs with your findings of "no historic properties". However, the STOF-THPO would like to be informed should any archaeological and/or historic resources be discovered inadvertently during the construction process. We thank you for the opportunity to review the information that has been sent to date regarding this project.

We look forward to working with you in the future.

Sincerely,
W.S. Steele,
Tribal Historic Preservation Officer

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 11/03/2009
Notification ID: 57582
Tower Owner Individual or Entity Name: Towers of Mississippi/State of Mississippi
Consultant Name: Henry A Henry
Street Address: 11578 U.S. Highway 411
City: Odenville
State: ALABAMA
Zip Code: 35120
Phone: 205-629-3868
Email: towerinfo@envciv.com

Structure Type: GTOWER - Guyed Tower
Latitude: 32 deg 40 min 37.6 sec N
Longitude: 89 deg 54 min 32.0 sec W
Location Description: off of MS Hwy 43
City: Sharon
State: MISSISSIPPI

County: MADISON

Ground Elevation: 90.0 meters

Support Structure: 137.2 meters above ground level

Overall Structure: 137.2 meters above ground level

Overall Height AMSL: 227.2 meters above mean sea level

Henry Fisher

From: Earl Barbry, Jr. [earlii@tunica.org]
Sent: Tuesday, May 03, 2005 5:51 PM
To: Henry Fisher
Cc: Niki Jeter
Subject: Re: HELP! - I am stuck in FCC NPA!

Mr. Fisher,

Sorry about the delay. I would like to be notified of the cell tower requests, etc. by email. Also, should no comments be received from my department within the 30 day comment period, proceeding with the project can occur. I stand the same as the other Tribes regarding immediate work stoppage and contacting this office should inadvertent discovery occur.

Thank you for taking the time to contact me and getting my input into these matters. Let me know if this response is sufficient or if you need a letter on Tribal stationary mailed to you.

Should you need immediate assistance, and I am out of the office, speak to my Administrative Assistant, Ms. Amber (Niki) Jeter - dial the number below and hit 0 to speak to her.

Many thanks,

Earl J. Barbry, Jr., THPO
Tunica-Biloxi Tribe of Louisiana
318-253-0213 ext. 6851

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Tuesday, November 17, 2009 8:43 PM
To: 'earlii@tunica.org'
Subject: Proposed MSWIN 20115 C Wireless Communications Tower TCNS 57582

Mr. Earl Barbry
Tunica-Biloxi Indians of Louisiana

Subject:
TCNS 57582
Proposed MSWIN 20115 C Wireless Communications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Mr. Barbry:

I am requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Madison County, Mississippi. This project was also submitted through the FCC TCNS on November 3, 2009 (TCNS ID # 57582).

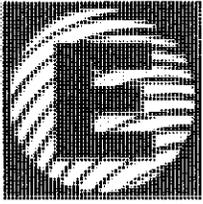
The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast $\frac{1}{4}$ of the southwest $\frac{1}{4}$ and the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 29 and the northeast $\frac{1}{4}$ of the northwest $\frac{1}{4}$ and the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of Section 32, both in Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37.648" north and longitude 89°54'31.969" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Mississippi Highway 43 north of Sharon, Mississippi 39163. Proposed activities consist of construction of a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Thank you for your time and assistance. Based on the electronic mail that you sent to our office on May 3, 2005 it is my understanding that we may assume that the Tunica-Biloxi Indians of Louisiana concurs with the proposed project if we have not received a comment from your office within 30 days of submittal of project information to your office via electronic mail. Please call us at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments. You can also send a response to us via facsimile at (877) 847-3060.

Sincerely,

Henry A. Fisher
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120
Tel (205) 629-3868
Fax (877) 847-3060

Appendix J



ENVIRONMENTAL ENGINEERS, INC.
11578 US Highway 411, Odenville, Alabama 35120
Environmental and Geological Consultants

November 2, 2009

Mr. Paul Griffin, President
Madison County Board of Supervisors
P.O. Box 5
Camden, MS 39045

Subject:
Proposed MSWIN 20115 C Wireless Communications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Mr. Griffin:

Pursuant to the requirements of the March 2005 Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA) and Section 106 of the National Historic Preservation Act (NHPA) we are requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding impact to historical or cultural sites listed on, or eligible for listing on the National Register of Historic Places (NRHP) by construction of a wireless communications tower in Madison County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast $\frac{1}{4}$ of the southwest $\frac{1}{4}$ and the southwest $\frac{1}{4}$ of the southeast $\frac{1}{4}$ of Section 29 and the northeast $\frac{1}{4}$ of the northwest $\frac{1}{4}$ and the northwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of Section 32, both in Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37.648" north and longitude 89°54'31.969" west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Mississippi Highway 43 north of Sharon, Mississippi 39163. Proposed activities consist of construction of a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel. I have included a site location map for your review.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Please provide comment within thirty days of the date of this letter. Thank you for your time and assistance and we look forward to your response. Please call me at (205) 629-3868 or email me at hfisher@envciv.com if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.



Henry A. Fisher, P.E.
Principal Engineer

Attachments Site Location Map

Phone: (205) 629-3868 • Fax: (877) 847-3060

7007 0220 0003 4720 6657

U.S. Postal Service CERTIFIED MAIL RECEIPT <i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
For delivery information visit our website at www.usps.com	
OFFICIAL USE	
Postage \$ Certified Fee Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Total Postage & Fees	\$ \$5.54
Postmark Here 11/3/09 JSEW/PD914	
Sent to Mr. Paul Griffin, President Street, Apt. No., or PO Box No. City, State, ZIP+4	
PS Form 3800, August 2006 See Reverse for Instructions	

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature <i>Paul Griffin</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee B. Received by (Printed Name) <i>P. Griffin</i> C. Date of Delivery 11-4-09 D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:
1. Article Addressed to: Mr. Paul Griffin, President Madison County Bd of Supervisors P.O. Box 5 Camden, MS 39045	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
2. Article Number (Transfer from service label)	7007 0220 0003 4720 6657

PROOF OF PUBLICATION
THE STATE OF MISSISSIPPI ENVIRONMENTAL ENGINEERS, INC.
MADISON COUNTY

NOV 3 0 2009
RECEIVED

PERSONALLY appeared before me, the undersigned notary public in and for Madison County, Mississippi,

PASTE PROOF HERE

C31213
ENVIRONMENTAL ENGINEERS, INC.,
0200267375
Communications Tower, Req. for Comments

GLORIA JOINER

an authorized clerk of the MADISON COUNTY HERALD, a newspaper as defined and prescribed in Sections 13-3-31 and 13-3-32, of the Mississippi Code of 1972, as amended, who, being duly sworn, states that the notice, a true copy of which is hereto attached, appeared in the issues of said newspaper as follows:

11/12/2009

Size: 154 words / 2.00 col. x 21.00 lines
Published: 1 time(s)
Total: \$21.98

Signed *Gloria Weally*
Authorized Clerk of
The Madison County Herald

SWORN to and subscribed before me on 11/12/2009.

Rick Tyler
Notary Public
RICK TYLER

Notary Public State of Mississippi at Large. Bonded thru Notary Public Underwriters

(SEAL)

Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) in accordance with Section 106 of the National Historic Preservation Act (NHPA) are requesting comment regarding potential impacts to historical or archaeological properties listed on, or eligible for listing on the National Register of Historic Places (NRHP), by construction of a 450 foot guyed communications tower off of MS Highway 43, Sharon, Madison County, Mississippi, 39163, at latitude 32° 40' 37.6" north and longitude 89° 54' 32.0" west.

All comments should be submitted within 30 days of the publication of this notice referencing project JSE01P0914 and sent to the attention of Mr. Henry Fisher, Environmental Engineers, Inc., 11578 U.S. Highway 411, Odenville, AL 35120. Mr. Fisher may also be reached via email at towerinfo@envciv.com, via telephone at (205) 629-3868, or via facsimile at (877) 847-3060.

November 12, 2009
0200267375-01



Appendix K



DEPARTMENT OF THE ARMY

VICKSBURG DISTRICT, CORPS OF ENGINEERS
4155 CLAY STREET
VICKSBURG, MISSISSIPPI 39183-3435

ENVIRONMENTAL ENGINEERS

FEB 18 2010

RECEIVED

REPLY TO
ATTENTION OF:

February 10, 2010

Operations Division

SUBJECT: Towers of Mississippi, Construction of MSWIN 20115 C
Wireless Communications Tower and Access Road, Sharon, Madison
County, Mississippi, Environmental Engineers, Incorporated,
Project Number JSE01P0914

Mr. Taylor Robinson
Towers of Mississippi
31560 Blakely Way
Spanish Fort, Alabama 36532

Dear Mr. Robinson:

This letter is in response to the January 22, 2010, letter from Ms. Mindy Milam of Environmental Engineers, Incorporated, concerning proposed plans for the construction of MSWIN 20115 C wireless communications tower and access road near Sharon in Madison County, Mississippi. The location of the activity is depicted on the enclosed map (enclosure 1).

Based upon the information provided and the information available to this office, it appears that a Department of the Army permit, pursuant to Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act will not be required for the proposed work due to the fact that there are to be no changes made to the existing crossing. In the event that project plans are changed, or if you anticipate any additional construction, please contact this office for a reevaluation of permit requirements and refer to Identification No. MVK-2010-189 when submitting the information.

This determination of Department of the Army regulatory requirements was based upon a preliminary jurisdictional determination that there are no jurisdictional areas being impacted by the proposed work on the property subject to regulation pursuant to Section 10 of the Rivers and Harbors Act of 1899 and/or to Section 404 of the Clean Water Act. An appeals form for this preliminary jurisdictional determination has been enclosed for your review (enclosure 2).

This determination of Department of the Army regulatory requirements does not convey any property rights, either in real estate or material or any exclusive privileges, and does not authorize any injury to property or invasion of rights or local laws or regulations, or obviate the requirement to obtain State or local assent required by law for the activity discussed herein.

If we may be of any further assistance in this matter, please contact Ms. Amiee Watler of this office, telephone (601) 631-5292, fax (601) 631-5459, or e-mail address: regulatory@usace.army.mil.

I am forwarding a copy of this letter to Ms. Mindy Milam, Environmental Engineers, Incorporated, 11578 U.S. Highway 411, Odenville, Alabama 35120.

The Vicksburg District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete the Customer Service Survey found on our web site at <http://per2.nwp.usace.army.mil/survey.html>. If it is more convenient for you, please complete and return the enclosed postage-paid post card (enclosure 3).

Sincerely,



David Lofton
Chief, Permit Section
Regulatory Branch

Enclosures



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental, Remediation, and Geological Consultants

ENVIRONMENTAL ENGINEERS

FEB 18 2010

RECEIVED

January 22, 2010

Mr. David Lofton, Section Chief
U.S. Army Corps of Engineers, Vicksburg District
Permitting Section
Attention: CEMVK-OD-F
4155 Clay Street
Vicksburg, Mississippi 39183-3435

SUBJECT:

Request for Project Review

Proposed MSWIN 20115 C Wireless Communications Tower

Sharon, Madison County, Mississippi

Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Mr. Lofton:

Environmental Engineers, Inc. is requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding construction of a wireless communications tower in Madison County, Mississippi. This project is being funded using a FEMA grant (2008-MS-MX-0001) and the State of Mississippi's expenditures at this site will include construction of a telecommunications facility, purchase and installation of 700 MHz RF equipment and microwave telecommunication backbone network, equipment shelter, network integration, acceptance testing, communication hardware optimization and system exercising and piloting of interoperability capabilities of the network.

Environmental Engineers, Inc. has been retained by Towers of Mississippi and the State of Mississippi to prepare an Environmental Assessment (EA) for the proposed project. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Thank you for your time and assistance and we look forward to your response. Please contact us by telephone at (205) 629-3868, electronic mail at hfisher@envciv.com, or U.S. mail at the letterhead address if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.

Mindy Milam
Staff Wildlife Biologist

Enc. Approved Jurisdictional Determination

Phone: (205) 629-3868 • Fax: (877) 847-3060

MVK-2010-189

KKC

01-25-10P02:12 RCVD



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental, Remediation, and Geological Consultants

SUBJECT:

Request for Project Review

Proposed MSWIN 20115 C Sharon Telecommunications Tower

Sharon, Madison County, Mississippi

Environmental Engineers, Inc. Project No.: JSE01P0914

Prepared for:

Towers of Mississippi

State of Mississippi

Spanish Fort, Alabama

January 22, 2010

Prepared by:

ENVIRONMENTAL ENGINEERS, INC.

Mindy Milam
Staff Wildlife Biologist

Henry A. Fisher, P.E.
Principal Engineer

Phone: (205) 629-3868 • Fax: (877) 847-3060

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- Appendix C Correspondence from the Mississippi Department of Archives and History

*Request for Project Review
Proposed MSWIN 20115 C Sharon Telecommunications Tower
Sharon, Madison County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0914*



1.0 INTRODUCTION

1.1 PURPOSE

Towers of Mississippi proposes to construct a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound with gravel.

Mr. Taylor Robinson of Towers of Mississippi, State of Mississippi, 31560 Blakely Way, Spanish Fort, Alabama 36532, can be reached via telephone at 205-266-4466 or via electronic mail at trobinson@vulcancompany.com. A survey of the site prepared by SMW Engineering Group, Inc. 1550 Wood of Riverchase Drive, Suite 100, Hoover, Alabama 35244, telephone 205-252-6985, is included in Appendix A.

This site is referred to as the Proposed MSWIN 20115 C Communications Tower and is located off of Highway 43 in Sharon, Mississippi. The current property owner is listed by the Madison County Tax Assessor's Office as L. & J. Cattle Company, Inc. and the tax number for the parcel containing the site is 104I-29-005/00.00.

1.2 SITE LOCATION AND DESCRIPTION

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988. The site is located in the southeast ¼ of the southwest ¼ of Section 29, Township 10 North, Range 4 East, Madison County, Mississippi, at latitude 32°40'37.6" north and longitude 89°54'32.0" west (Figure 1).

The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Highway 43 in Sharon, Mississippi 39046. The site is a portion of a pine plantation that slopes gently downward to the northwest. The northern guy easement extends across a grassed field into a wooded area comprised of hardwoods up to approximately ten inches diameter at breast height (dbh). The northern guy easement slopes downward toward the northwest crossing a drainage way then ending on a hillside. The southeastern guy easement crosses a drainageway and ends in a pine plantation that slopes gently downward to the northwest. The southwestern guy easement extends over a hillside into a pine plantation with trees up to eight inches dbh.

The proposed access road follows an existing farm road that crosses an intermittent stream that flows toward the north across a grassed pasture. The farm road is grassed and will not be improved in any way.



1.3 ADDITIONAL SITE INFORMATION

1.3.1 Hydrology

Based on topographic interpretation, surface water runoff from the site is expected to flow generally north toward an unnamed tributary of Dry Creek. Groundwater beneath the site is inferred to flow toward the north and may be present at perhaps less than 20 feet below ground surface (bgs).

1.3.2 Geology

According to the Mississippi Geological Survey, Geologic Map of Mississippi, dated 1969 and reprinted 1985, the site is underlain by the Jackson Group of Tertiary Age. The Jackson Group consists of Yazoo clay, green and gray calcareous clay containing some sand and marl; Moodys Branch formation at base, shells embedded in glauconitic clayey quartz sand.

1.3.3 Soils

According to information available through the USDA's Web Soil Survey Internet website the majority of site soils are classified as Providence-Lexington complex, eight to 12 percent slopes, severely eroded. Soils along the eastern portion of the access road are classified as Providence silt loam, two to five percent slopes, eroded.

Providence soils are moderately well-drained soils with a fragipan from 18 to 38 inches in depth. Typically, from zero to three inches in depth Providence soil is dark gray silt loam. From three to seven inches in depth it is grayish brown silt loam. From seven to ten inches in depth it is strong brown silt loam. From 10 to 14 inches in depth it is strong brown silt loam. From 14 to 23 inches in depth it is strong brown silty clay loam. From 23 to 28 inches in depth it is strong brown silt loam. From 28 to 38 inches in depth it is variegated yellow, and yellowish-red silt loam containing noticeable sand. From 38 to 53 inches in depth it is yellowish-red loam. From 53 to 70 inches in depth it is red sandy loam. From 70 to 80 inches in depth it is red sandy loam.

The Lexington series consists of very deep, well drained soils on level to moderately steep uplands. Typically, from zero to seven inches in depth it is brown silt loam. From seven to 20 inches in depth it is reddish-brown silty clay loam. From 20 to 35 inches it is yellowish-red silt loam. From 35 to 48 inches it is dark brown sandy loam. From 48 to 55 inches in depth it is dark reddish-brown sandy loam. From 55 to 72 inches in depth it is stratified brownish-yellow loamy sand and brown sandy loam lamella.

It should be noted that information listed in Section 1.3.3 of this report is for the general area of the site, and is not intended as a substitute for site-specific geotechnical and/or hydrological information.



1.4 FLOODPLAIN INFORMATION

According to the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) "Panel 275 of 625, Madison County, Mississippi and Incorporated Areas" effective date March 17, 2010, the site is located in an area designated as Zone X (unshaded) which is defined as areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than one foot or with drainage areas less than one square mile; and areas protected by levees from 1% annual chance flood. The portion of the FEMA FIRM depicting the site is included as Figure 2.

1.5 NATIONAL WETLAND INVENTORY MAP

According to the National Wetland Inventory (NWI) Map, the site is not located within an area that does not have a wetland designation. The portion of the NWI Map depicting the site is included as Figure 3.

2.0 ENDANGERED AND THREATENED SPECIES

The U.S. Fish and Wildlife Service (USFWS) lists two species as threatened occurring in Madison County, Mississippi (Table 1). The ringed map turtle is found in association with streams with moderate to fast current, numerous basking logs, nearby sand and gravel bars. The Louisiana black bear requires productive bottomland forest with diverse food resources.

Environmental Engineers, Inc. submitted information regarding the site to the USFWS for comment, and they responded via letter dated January 5, 2010 stating "With a small project footprint and the information and site photographs provided in your letter, it is unlikely that [the Louisiana black bear] inhabits the project site. Therefore, the Service [USFWS] anticipates no impacts to this listed species to occur as a result of the proposed project." A table of listed species occurring in Madison County, Mississippi and a copy of the response from the USFWS are included in Appendix B.

3.0 CULTURAL RESOURCES

MRS Consultants, LLC completed a Phase I Cultural Resources Assessment (CRA) of the proposed communications tower. MRS Consultants, LLC personnel satisfy the United States Secretary of the Interior's Professional Qualification Standards. A copy of the CRA was submitted to the Mississippi Department of Archives and History (MDAH) for review. Based on the review of this report, the MDAH responded via letter dated December 9, 2009 stating "...we concur that no known cultural resources listed in or eligible for listing in the National Register of Historic Places are likely to be affected. Therefore, we have no objections with the proposed undertaking." A copy of the correspondence from the MDAH is included in Appendix C.



4.0 WETLAND DETERMINATION

4.1 LEASE AREA AND GUY EASMENTS

On November 6, 2009 a site reconnaissance was conducted by Environmental Engineers, Inc., and no wetland indicators were determined to be present within the area of impact. An intermittent stream was noted within the southeastern guy easement between the proposed location of the guy anchor and the 100-foot by 100-foot lease area. However, this area will not be impacted by the proposed project.

4.2 PROPOSED ACCESS ROAD

The proposed access road follows an existing farm road that crosses an intermittent stream that flows toward the north across a grassed pasture. The farm road is grassed and will not be improved in any way. Therefore, the intermittent stream will not be impacted.

5.0 INFORMATION SOURCES

Research and evaluation of the environmental conditions at the site and surrounding properties included utilization of the following sources:

1. Property ownership records and deeds reviewed at the Madison County Courthouse in Sharon, Mississippi.
2. USGS 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1988.
3. National Wetland Inventory Map available at the U.S. Fish and Wildlife website.
4. Aerial photograph available from Maptech.
5. Soil information from the USDA's Web Soil Survey.
6. Threatened and endangered species information available at the U.S. Fish and Wildlife website and NatureServe Internet website.
7. USDA's Natural Resources Conservation Service's Plants Database Internet website.





Environmental Engineers, Inc.

Subject:
Request for Project Review
Proposed MSWIN 20115 C Communications Tower
Sharon, Madison County, Mississippi
Project No.: JSE01P0914

Figure 4
2007 Aerial Photograph
Scale: Unknown





United States Department of the Interior

FISH AND WILDLIFE SERVICE
Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson, MS 39213
January 5, 2010



Mindy Milam
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120

ENVIRONMENTAL ENGINEERS

JAN 08 2010

RE: Proposed Tower in Madison County, Mississippi. Project No: JSE01P0914

Dear Ms. Milam:

The U.S. Fish and Wildlife Service (Service) received your letter dated December 22, 2009, regarding proposed construction of a 450-foot high guyed communications tower and tower compound in a pine plantation located off of Hwy 43 in Sharon. Our comments are submitted in accordance with the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and the Migratory Bird Treaty Act (16 U.S.C. 703-711).

There is one federally listed terrestrial species for Madison County, the threatened Louisiana black bear (*Ursus americanus leteolus*) which inhabits large tracts of bottomland hardwood forests. With a small project footprint and the information and site photographs provided in your letter, it is unlikely that this listed species inhabits the project site. Therefore, the Service anticipates no impacts to any listed species to occur as a result of the proposed project. However, due to the adverse impact these towers can have on migratory birds, we would like to make several recommendations which can be found in the attached guidelines document.

If project plans change or if new information about listed species becomes available, consultation should be reinitiated. If you have any questions, please feel free to contact this office, telephone: (601) 321-1129.

Sincerely,

Terri Jacobson
Fish and Wildlife Biologist

U.S. Fish and Wildlife Service Tower Guidance

Due to the adverse impact telecommunications towers can have on migratory birds, we would like to make the following recommendations:

1. Co-locate communications equipment on an existing communication tower or other structure (e.g., billboard, water tower, or building mount). Depending on tower load factors, from 6 to 10 providers may collocate on an existing tower.
2. If co-location is not feasible and a new tower or towers are to be constructed, towers should be no more than 199 feet above ground level (AGL), use construction techniques which do not require guy wires (e.g., use a lattice structure, monopole, etc.). Towers should be unlighted if Federal Aviation Administration regulations permit.
3. If constructing multiple towers, consider the cumulative impacts of all towers to migratory birds and threatened and endangered species as well as the impacts of each individual tower.
4. If at all possible, new towers should be sited within existing "antenna farms" (clusters of towers). Towers should not be sited in or near wetlands, other known bird concentration areas (e.g., state or Federal refuges, staging areas, rookeries), in known migratory or daily movement flyways, or in habitat of threatened or endangered species. Towers should not be sited in areas with a high incidence of fog, mist, and low ceilings.
5. If taller (>199 feet AGL) towers requiring lights for aviation safety must be constructed, the minimum amount of pilot warning and obstruction avoidance lighting required by the FAA should be used. Unless otherwise required by the FAA, only white (preferable) or red strobe lights should be used at night, and these should be the minimum number, minimum intensity, and minimum number of flashes per minute (longest duration between flashes) allowable by the FAA. The use of solid red or pulsating red warning lights at night should be avoided. Current research indicates that solid or pulsating (beacon) red lights attract night-migrating birds at a much higher rate than white strobe lights. Red strobe lights have not yet been studied.
6. Tower designs using guy wires for support which are proposed to be located in known raptor or waterbird concentration areas or daily movement routes, or in major diurnal migratory bird movement routes or stopover sites, should have daytime visual markers on the wires to prevent collisions by these diurnally moving species. (For guidance on markers, see *Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006* - a profile of the research and safeguards available to remedy the issue of avian electrocutions. Copies can be obtained from Edison Electric Institute by calling 1-800-334-5453 or via the Internet at http://www.eei.org/products_and_services/descriptions_and_access/index.htm.

7. Towers and appendant facilities should be sited, designed and constructed so as to avoid or minimize habitat loss within and adjacent to the tower "footprint". However, a larger tower footprint is preferable to the use of guy wires in construction. Road access and fencing should be minimized to reduce or prevent habitat fragmentation and disturbance, and to reduce above ground obstacles to birds in flight.
8. If significant numbers of breeding, feeding, or roosting birds are known to habitually use the proposed tower construction area, relocation to an alternate site is recommended.
9. In order to reduce the number of towers needed in the future, new towers should be designed structurally and electrically to accommodate comparable antennas for at least two additional users (minimum of three users for each tower structure), unless this design would require the addition of lights or guy wires to an otherwise unlighted and/or unguyed tower.
10. Security lighting for on-ground facilities and equipment should be down-shielded to keep light within the boundaries of the site.
11. Service personnel or researchers from the Communication Tower Working Group should be allowed, if asked, access to the site to evaluate bird use, conduct dead-bird searches, to place net catchments below the towers but above the ground, and to place radar, Global Positioning System, infrared, thermal imagery, and acoustical monitoring equipment as necessary to assess and verify bird movements and to gain information on the impacts of various tower sizes, configurations, and lighting systems.
12. Towers no longer in use or determined to be obsolete should be removed within twelve months of cessation of use.

These voluntary recommendations are based on the Service's Guidance on the Siting, Construction, Operation and Decommissioning of Communications Towers which can be found at <http://www.fws.gov/migratorybirds/issues/towers/comtow.html>.

In order to obtain information on the usefulness of these guidelines in preventing bird strikes, and to identify any recurring problems with their implementation which may necessitate modifications, please advise us of the final location and specifications of the proposed tower. In your response please explain which of the recommended measures were implemented and if the recommended measures could not be implemented, please explain why they were not feasible.

MISSISSIPPI DEPARTMENT of ARCHIVES AND HISTORY



PO Box 571, Jackson, MS 39205-0571
601-576-6850 • Fax 601-576-6975
mdah.state.ms.us
H.T. Holmes, Director

December 9, 2009

Mr. Henry Fisher, P.E.
Principle Engineer
Environmental Engineers, Inc.
11578 U.S. Highway 411
Odenville, Alabama 35120

ENVIRONMENTAL ENGINEERS, INC.

DEC 11 2009

RECEIVED

RE: Proposed MSWIN 20115 C Wireless Communications Tower, Sharon, MDAH
Project Log #11-168-09, Madison County

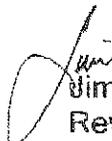
Dear Mr. Fisher:

We have reviewed the November 3, 2009, cultural resources survey report by Beth A. Ryba, Principal Investigator, received on November 19, 2009, for the above referenced undertaking, pursuant to our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800. After review, we concur that no known cultural resources listed in or eligible for listing in the National Register of Historic Places are likely to be affected. Therefore, we have no objections with the proposed undertaking.

There remains the possibility that unrecorded cultural resources may be encountered during the project. Should this occur, we would appreciate your contacting this office immediately in order that we may offer appropriate comments under 36 CFR 800.13.

Please provide a copy of this letter to Ms. Ryba. If you need further information, please let us know.

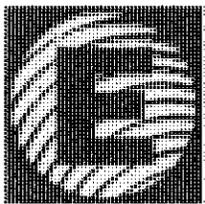
Sincerely,


Jim Woodrick
Review and Compliance Officer

FOR: H.T. Holmes
State Historic Preservation Officer

c: Clearinghouse for Federal Programs

Appendix L



ENVIRONMENTAL ENGINEERS, INC.

11578 US Highway 411, Odenville, Alabama 35120

Environmental and Geological Consultants

November 24, 2009

Dr. Homer L. Wilkes, State Conservationist
U.S. Department of Agriculture, Natural Resources Conservation Service
100 W. Capital Street
Suite 1321 Federal Building
Jackson, MS 39269

Subject:

Request for Project Review

Proposed MSWIN 20115 C Wireless Communications Tower

Sharon, Madison County, Mississippi

Environmental Engineers, Inc. Project No.: JSE01P0914

Dear Dr. Wilkes:

Environmental Engineers, Inc. is requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergency Management Agency (FEMA) regarding construction of a wireless communications tower in Madison County, Mississippi. This project is being funded using a FEMA grant (2008-MS-MX-0001) and the State of Mississippi's expenditures at this site will include construction of a telecommunications facility, purchase and installation of 700 MHz RF equipment and microwave telecommunication backbone network, equipment shelter, network integration, acceptance testing, communication hardware optimization and system exercising and piloting of interoperability capabilities of the network.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Sharon, Mississippi," dated 1998. The site is located in the southeast $\frac{1}{4}$ of the southwest $\frac{1}{4}$ of Section 29, Township 10 North, Range 4 East, Madison County, Mississippi, at latitude $32^{\circ}40'37.6''$ north and longitude $89^{\circ}54'32.0''$ west. The site consists of a proposed 100-foot by 100-foot lease area with associated guy anchor easements, and a proposed access road located off of Highway 43 in Sharon, Mississippi 39046. The site is a portion of a pine plantation that slopes gently downward to the northwest. The northern guy easement extends across a grassed field into a wooded area comprised of hardwoods up to approximately ten inches diameter at breast height (dbh). The northern guy easement slopes downward toward the northwest crossing a drainage way then ending on a hillside. The southeastern guy easement crosses a drainageway and ends in a pine plantation that slopes gently downward to the northwest. The southwestern guy easement extends over a hillside into a pine plantation with trees up to eight inches dbh. The proposed access road follows an existing farm road that is grassed. A structure was noted immediately west of the proposed access road and just off of Highway 34. Proposed activities consist of construction of a 450-foot guyed communications tower with associated compound and access road, enclosing the compound in a fence, placement of support equipment within the compound, and covering the compound and access road with gravel.

Phone: (205) 629-3868 • Fax: (877) 847-3060

The proposed project is depicted on the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) "Panel 275 of 625, Madison County, Mississippi and Incorporated Areas" effective date March 17, 2010, and is located in Zone X which is described as areas determined to be outside the 0.2 percent annual chance floodplain. Therefore, the site is not located within a floodplain. I have included a site location map, site photographs, and the portion of the 2007 aerial photograph depicting the site for your review.

Environmental Engineers, Inc. has been retained by Towers of Mississippi and the State of Mississippi to prepare an Environmental Assessment (EA) for the proposed project. Please reference the Environmental Engineers, Inc. project number (JSE01P0914) in correspondence regarding this site. Thank you for your time and assistance and we look forward to your response. Please contact me by telephone at (205) 629-3868, electronic mail at hfisher@envciv.com, or U.S. mail at the letterhead address if you have any questions or comments.

Sincerely,

ENVIRONMENTAL ENGINEERS, INC.



Henry A. Fisher, P.E.
Principal Engineer

Attachments Site Location Map, Site Photographs, Aerial Photograph

7007 2680 0002 3656 8660

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Sent To Dr. Homer L Wilkes,
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

PS Form 3800, August 2005 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <u>[Signature]</u> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>J Wilkes</u> C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to: <u>Dr. Homer L Wilkes, State Conservationist</u> <u>U.S. Dept. of Agriculture, NRCS</u> <u>100 W. Capital Street</u> <u>Suite 1321 Federal Building</u> <u>Jackson, MS 39269</u></p>	<p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>
<p>2. Article Number (Transfer from service label)</p>	<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>7007 2680 0002 3656 8660</p>	

United States Department of Agriculture



Natural Resources Conservation Service
Suite 1321, Federal Building
100 West Capitol Street
Jackson, MS 39269

December 16, 2009

ENVIRONMENTAL ENGINEERS

Henry A. Fisher, P.E.
Principal Engineer
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, AL 35120

DEC 21 2009

RECEIVED

Dear Mr. Fisher:

This is in response to your letter dated November 24, 2009, regarding the Proposed MSWIN 20115 C Wireless Communications Tower in Sharon in Madison County, Mississippi.

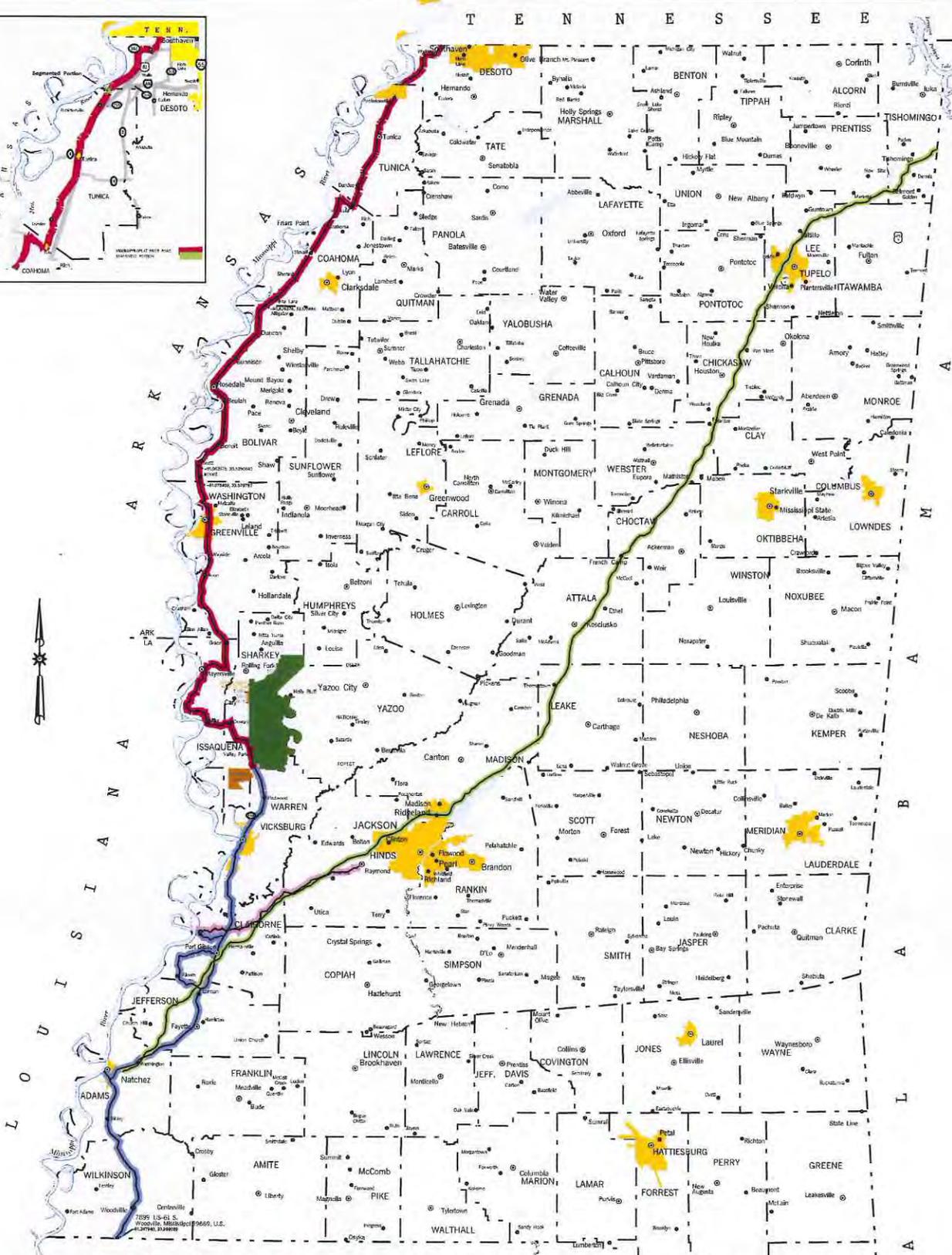
A FPPA determination is not necessary since no permanent conversion of land is planned.

Sincerely,

A handwritten signature in black ink that reads "Delaney B. Johnson". The signature is written in a cursive, flowing style.

Delaney B. Johnson
State Soil Scientist

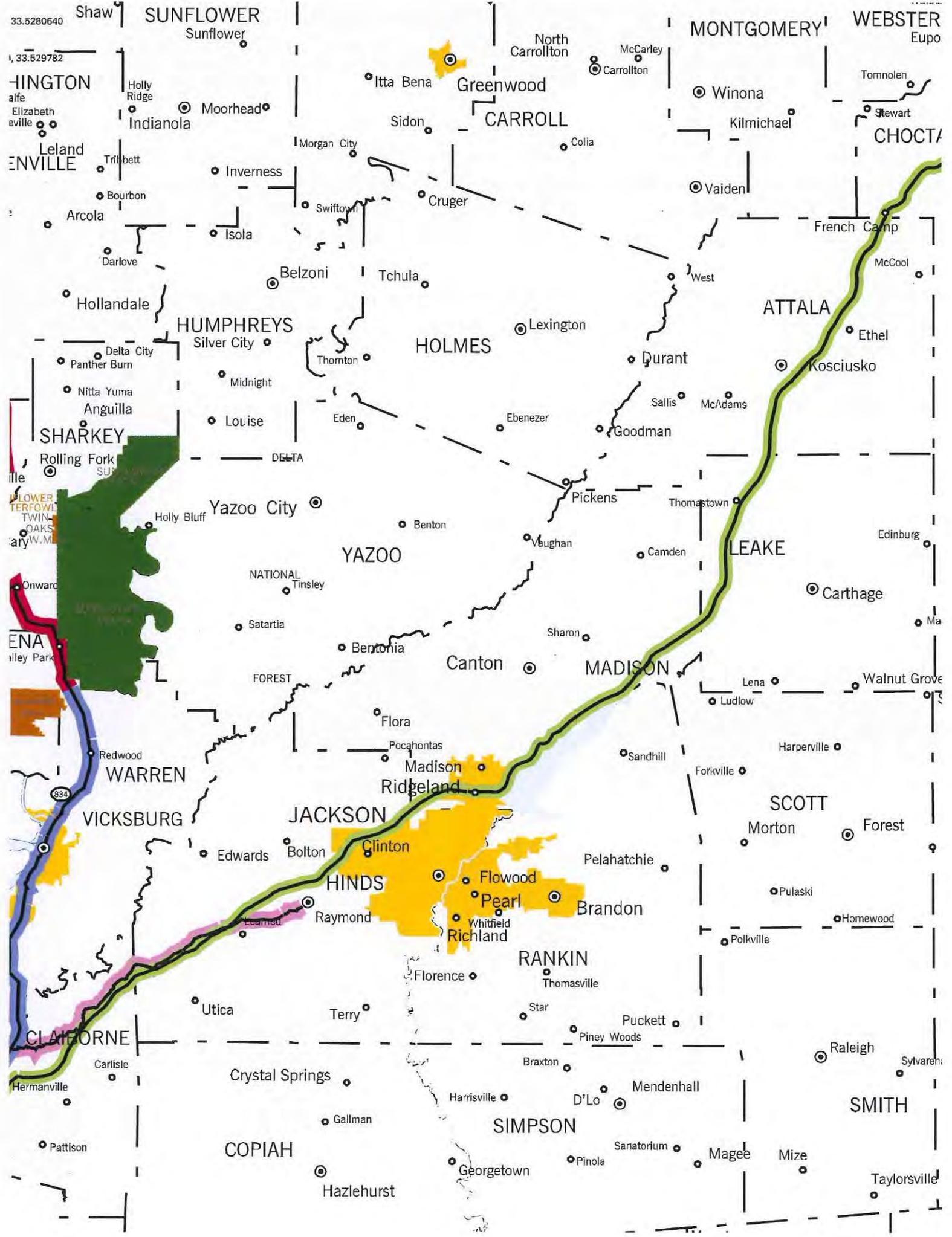
Appendix M



MISSISSIPPI SCENIC BYWAYS

- MISSISSIPPI DELTA GREAT RIVER ROAD
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- GRAND GULF - RAYMOND SCENIC BYWAY
- NATCHEZ TRACE
- HIGHWAY 67 SCENIC BYWAY
- HIGHWAY 605 SCENIC BYWAY

PREPARED BY THE
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION, 2005
 PLANNING DIVISION



Appendix N

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Black Creek

Mississippi

DeSoto National Forest
 654 West Frontage Road
 Wiggins, Mississippi 39577

Designated Reach: October 30, 1986. The segment from Fairley Bridge Landing upstream to Moody's Landing.

Classification/Mileage: Scenic — 21.0 miles; Total — 21.0 miles.

This scenic southern river features deep, black water and contrasting white sand bars as it follows a meandering course through Mississippi's coastal plain. The river and area provide a variety of opportunities for backpacking and fishing and six launch points provide for canoeing.



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Designated Wild & Scenic Rivers

Rivers that pass through several states may have segments in each state designated. For example, the Klamath River has designations in California and Oregon. Many rivers also have numerous tributaries designated (e.g., Washington's Skagit River). Multiple listings of some rivers indicate more than one segment of the river is designated (e.g., the Missouri River in Nebraska).

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