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

DRAFT ENVIRONMENTAL ASSESSMENT
Proposed MSWIN 20618 Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Prepared for:
Towers of Mississippi
Spanish Fort, Alabama

&

State of Mississippi
Jackson, Mississippi

&

Federal Emergency Management Agency
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Prepared by:
ENVIRONMENTAL ENGINEERS, INC.

Henry A. Fisher, P.E.
Principal Engineer

Anne B. Gilbert, P.E.
Principal Engineer

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

TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 PURPOSE 2
1.2 NEED 2
1.3 ALTERNATIVES CONSIDERED 2
1.3.1 Proposed Action 3
1.3.2 No-Action Alternative 3
1.3.3 Collocation 3
1.3.4 Alternate Technologies 3
1.4 AFFECTED ENVIRONMENT 4
1.5 FCC ENVIRONMENTAL COMPLIANCE CHECKLIST 4
1.6 INFORMATION SOURCES 5

2.0 WILDERNESS AREAS/PRESERVES 6

3.0 BIOLOGICAL RESOURCES 6

3.1 THREATENED AND ENDANGERED SPECIES 6
3.2 MIGRATORY BIRDS 6

4.0 CULTURAL RESOURCES 8

4.1 NATIONWIDE PROGRAMMATIC AGREEMENT 8
4.2 FCC TOWER CONSTRUCTION NOTIFICATION SYSTEM 9
4.3 FCC FORM 620 9
4.4 STATE HISTORIC PRESERVATION OFFICER 9
4.5 INDIAN TRIBAL CONSULTATION 10
4.5.1 Choctaw Nation of Oklahoma 10
4.5.2 Kialegee Tribal Town 10
4.5.3 Mississippi Band of Choctaw Indians 10
4.5.4 Seminole Tribe of Florida 11
4.5.5 Tunica-Biloxi Indians of Louisiana 11
4.6 INADVERTENT DISCOVERY 11
4.7 LOCAL GOVERNMENT/PUBLIC NOTICE 12

5.0 FLOODPLAIN INFORMATION 12

6.0 WETLANDS AND SENSITIVE VEGETATION DELINEATION 12

7.0 PRIME FARMLAND 13

8.0 LIGHTING 14

9.0 RADIO FREQUENCY RADIATION 14

10.0 ADDITIONAL ENVIRONMENTAL EVALUATION 14

10.1 NATIONAL SCENIC AND HISTORIC TRAILS 14
10.2 NATIONAL WILD AND SCENIC RIVERS 14

11.0 CUMULATIVE IMPACTS 14

12.0 PUBLIC PARTICIPATION 15

12.1 LOCAL GOVERNMENT 15
12.2 PUBLIC NOTICE 15

FIGURES

Figure 1	Site Location Map
Figure 2	2007 Aerial Photograph
Figure 3 through 6	Site Photographs
Figure 7	Flood Insurance Rate Map
Figure 8	NWI Map

APPENDICES

Appendix A	Site Survey
Appendix B	Wilderness Area Map
Appendix C	Wildlife Refuge Maps/NationalAtlas.gov Map
Appendix D	Correspondence to and from the U.S. Fish and Wildlife Service
Appendix E	USFWS Interim Guidelines
Appendix F	TCNS Notice of Organizations Which Were Sent Proposed TCN Information
Appendix G	FCC Form 620
Appendix H	Correspondence to and from the Mississippi Department of Archives and History
Appendix I	Correspondence to and from Indian Tribes/Organizations
Appendix J	Local Government/Public Notice
Appendix K	Department of the Army Correspondence
Appendix L	Correspondence to and from the USDA NRCS
Appendix M	Mississippi Scenic Byways Map
Appendix N	Wild and Scenic Rivers Information

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 Mississippi Highway 25. 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 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.

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 20618 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 430-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 collation 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 that 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 "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west (Figure 1). The site consists of a 100' x 100' lease area with three associated guy anchor easements and a proposed/existing access road. The site is located east of Highway 25 near Kosciusko, Mississippi. The lease area is located in a wooded area and slopes downward from the center of the site to the north, east, and west. The majority of the proposed compound is located on a former logging road. The proposed access road is 799.19 feet in length, enters the site from the south, following an existing dirt road then turning northeast to the site. Proposed activities consist of construction of a 430-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. 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 6. 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?		X
2. Will this facility be located in an officially designated wildlife preserve?		X
3. Will this facility affect listed threatened or endangered species or designated critical habitats?		X
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?		X
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?		X
6. Will the facility affect Indian religious sites?		X
7. Will the facility be located in a floodplain?		X
8. Will the facility involve significant change in surface features (i.e. wetland fill, deforestation, diversion)?		X
9. Will the facility be located in a residential area and equipped with high intensity white lights?		X
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?		X

1.6 INFORMATION SOURCES

Completion of this Draft Environmental Assessment 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 Umfress Land Surveying.

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 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. Soils information provided by the USDA's NRCS office in Carthage, Mississippi.

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 February 23, 2009 stating "…the Service [USFWS] determines that this project will have no effect on listed species or critical habitat." 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 430-foot guyed tower in the air is roughly 3,870 square feet whereas the impact area of a 430-foot self -supporting tower is much larger at 27,735 square feet (a 700% 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 January 9, 2009. The FCC assigned Notification I.D. #48088 to the notification submitted for this proposed wireless telecommunications tower. The FCC sent an electronic mail notification to our office on January 16, 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 geographical 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: 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 4.5.5. 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. Based on the review of this report, the MDAH responded via letter dated February 10, 2009 stating "…we concur that no cultural resources listed in or eligible for listing in the National

Register of Historic Places will be directly or visually affected. Therefore, we have no reservations with the project." 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 4.5.5 describe our follow-up contacts to each of these Indian tribes and their responses.

4.5.1 Choctaw Nation of Oklahoma

Ms. Caren Johnson of the Choctaw Nation of Oklahoma responded via electronic mail on March 10, 2009 regarding FCC TCNS #48088 stating that "The Choctaw Nation of Oklahoma has reviewed cell tower(s) FCC # 48088 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 the response from Ms. Johnson are included in Appendix I.

4.5.2 Kialegee Tribal Town

The TCNS listing (Appendix B) 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 January 16, 2009 and the end of the 30-day period indicated by the Kialegee Tribal Town was February 15, 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.

4.5.3 Mississippi Band of Choctaw Indians

The TCNS listing (Appendix B) 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 January 29, 2009 and the end of the 30-day period indicated by the Mississippi Band of Choctaw

Indians was February 28, 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.

4.5.4 Seminole Tribe of Florida

Ms. Dawn Hutchins of the Seminole Tribe of Florida (STOF) responded via TCNS on January 30, 2009 in response to TCNS #48088 stating, "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." Copies of the correspondence to and from the Seminole Tribe of Florida are included in Appendix I.

4.5.5 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 January 29, 2009, and the end of the 30-day response period as indicated by Mr. Barbry was February 28, 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 Mr. Barbry 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
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	Mr. Willard Steele	(863) 902-1113 x103
Tunica-Biloxi Indians of Louisiana	Mr. Earl Barbry, Jr.	(318) 253-0213 x6851

4.7 LOCAL GOVERNMENT/PUBLIC NOTICE

The Leake County Board of Supervisors was contacted regarding the proposed wireless communications tower via letter dated January 16, 2009. No response was received from the Leake County Board of Supervisors as of the date of this report. A public notice was published in *The Carthaginian* on January 15, 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 Leake 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 100 of 400, Leake County, Mississippi Unincorporated Areas" effective date September 15, 1989, the site is located in an area designated as Zone X (no shading) which is described as areas outside the 500-year 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 7.

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 8.

A site reconnaissance which included observations to determine if the subject site or immediately adjacent property contained any jurisdictional wetlands (as defined by the United States Army Corps of Engineers) was conducted on January 21, 2009 by Environmental Engineers, Inc. No potential jurisdictional wetland indicators were noted on the site at the time of our site reconnaissance.

In addition, 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 November 17, 2009 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…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." Copies of the correspondence submitted to and response 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 information provided by the Leake County Natural Resource Conservation Service (NRCS) office, site soils are classified as Smithdale sandy loam. Smithdale soils are deep, well-drained soils that formed in thick beds of loamy sediments. A typical profile of Smithdale series consists of dark grayish-brown sandy loam to a depth of four inches; brown sandy loam to a depth of 11 inches; yellowish-red sandy clay loam to a depth of 38 inches; yellowish-red sandy loam to a depth of 52 inches; and red sandy loam to a depth of 80 inches.

EEI submitted information regarding the proposed project to the USDA NRCS office in Jackson, Mississippi via letter dated November 3, 2009. The NRCS responded via letter dated November 17, 2009 stating "The proposed project will not have any permanent adverse effect on prime farmland. Therefore no FPPA determination is required." 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 approximately 15 miles from the Natchez Trace Parkway. The Natchez Trace Parkway is a National Scenic Trail and All-American Road that traverses portions of Alabama, Mississippi, and Tennessee. According to information from the National Park Service Internet website "The 444-mile Natchez Trace Parkway commemorates an ancient trail used by animals and people that connected southern portions of the Mississippi River, through Alabama, to salt licks in today's central Tennessee. Today, visitors can experience this National Scenic Byway and All-American Road through driving, hiking, biking, horseback riding, and camping." The proposed communications tower will not adversely affect the Natchez Trace Parkway due to intervening distance and topography. A map showing National Scenic Trails and All-American Roads in Leake County, Mississippi 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

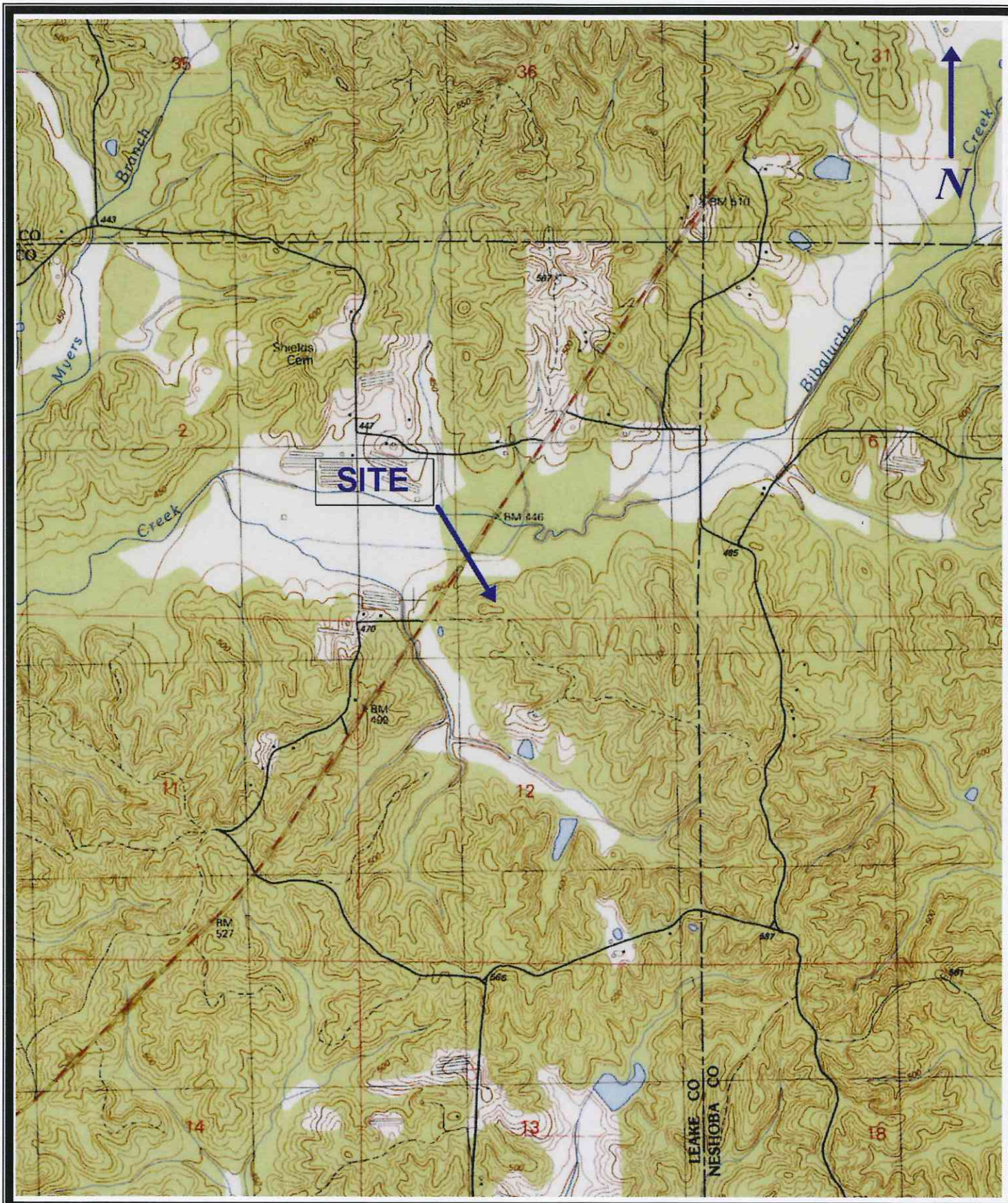
12.1 LOCAL GOVERNMENT

The Leake County Board of Supervisors was contacted regarding the proposed wireless communications tower via letter dated January 16, 2009. No response has been received from the Leake County Board of Supervisors as of the date of this report.

12.2 PUBLIC NOTICE

A public notice was published in *The Carthaginian* on January 15, 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 20618 Communications Tower
Kosciusko, Leake County, Mississippi
Project No.: JSE01P0820

Figure 1
Site Location Map

Scale: 1" = 2,000'

Environmental Engineers, Inc.

Subject:
Proposed MSWIN 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Project No.: JSE01P0820

Figure 2
2007 Aerial Photograph

Scale: 1" = 1,000'

View from the center of the site toward the north.

View from the center of the site toward the east.

Environmental Engineers, Inc.

Subject: Draft Environmental Assessment Proposed MSWIN 20618 Communications Tower Kosciusko, Leake County, Mississippi Project No.: JSE01P0820	Figure 3 Site Photographs

View from the center of the site toward the south.

View from the center of the site toward the west.

Environmental Engineers, Inc.

Subject: Draft Environmental Assessment Proposed MSWIN 20618 Communications Tower Kosciusko, Leake County, Mississippi Project No.: JSE01P0820	Figure 4 Site Photographs

View from the proposed northeast guy anchor location toward the site.

View from the proposed southeast guy anchor toward the site.

Environmental Engineers, Inc.

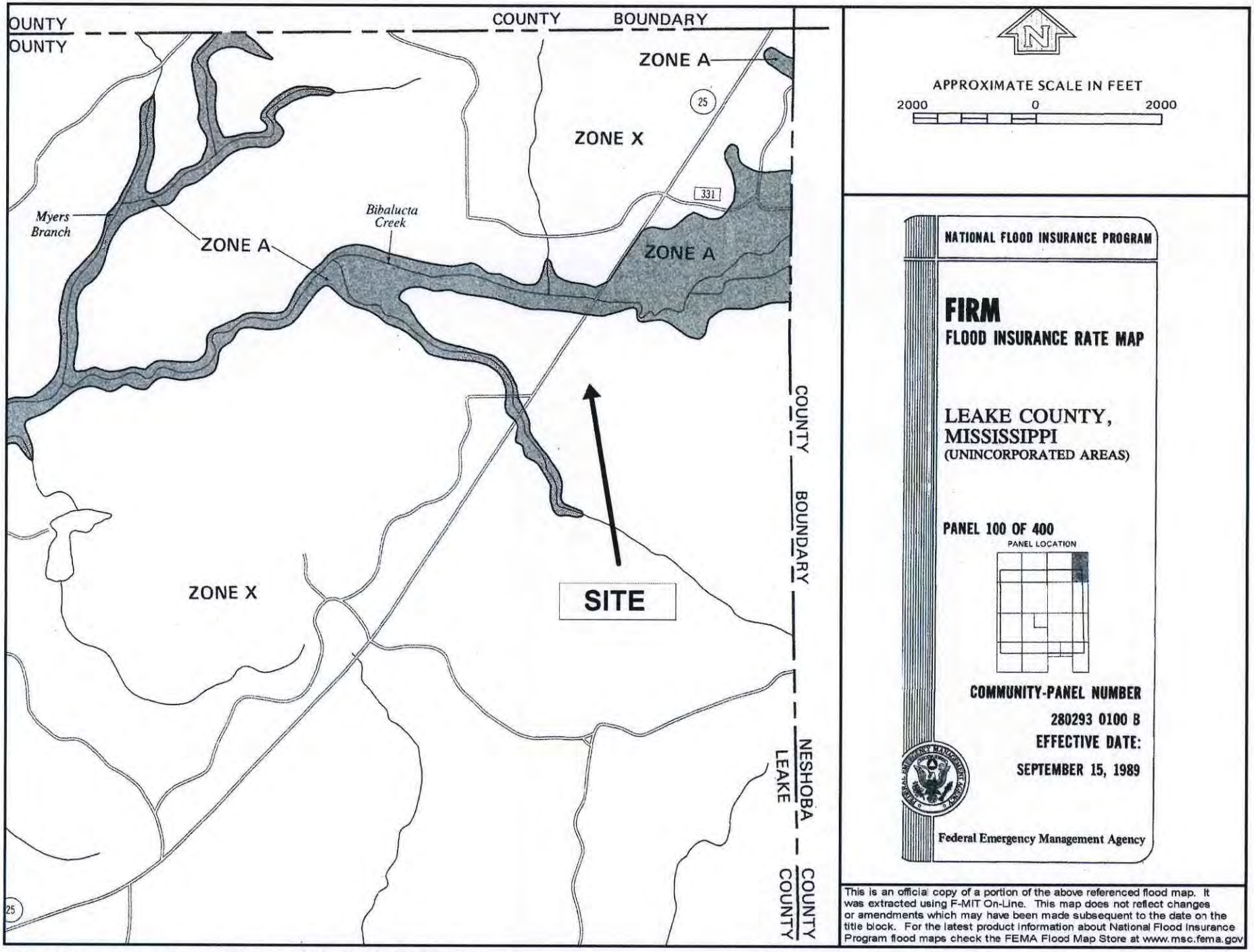
Subject: Draft Environmental Assessment Proposed MSWIN 20618 Communications Tower Kosciusko, Leake County, Mississippi Project No.: JSE01P0820	Figure 5 Site Photographs

View of the northern end of the proposed access road looking to the northeast toward the site.

View of the western end of the existing access road looking to the east.

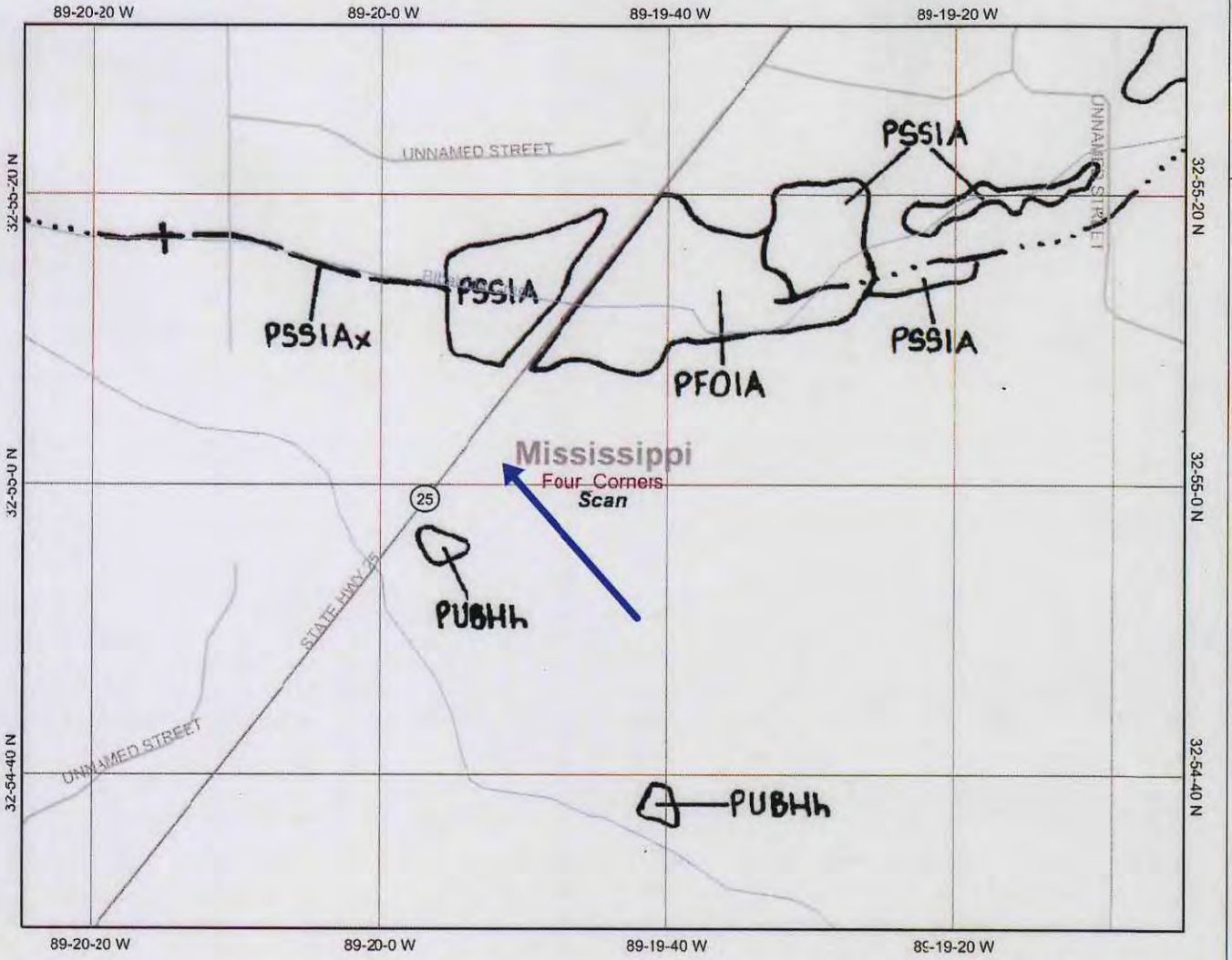
Environmental Engineers, Inc.

Subject: Draft Environmental Assessment Proposed MSWIN 20618 Communications Tower Kosciusko, Leake County, Mississippi Project No.: JSE01P0820	Figure 6 Site Photographs



Flood Insurance Rate Map - MSWIN 20618 B Tower **JSE01P0820** **Figure 7**

MSWIN 20618 B Tower



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

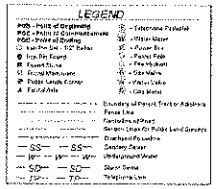
Scale: 1:13,437

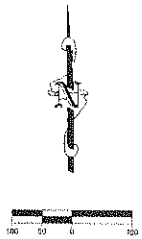
Map center: 32° 55' 1" N, 89° 19' 44" W

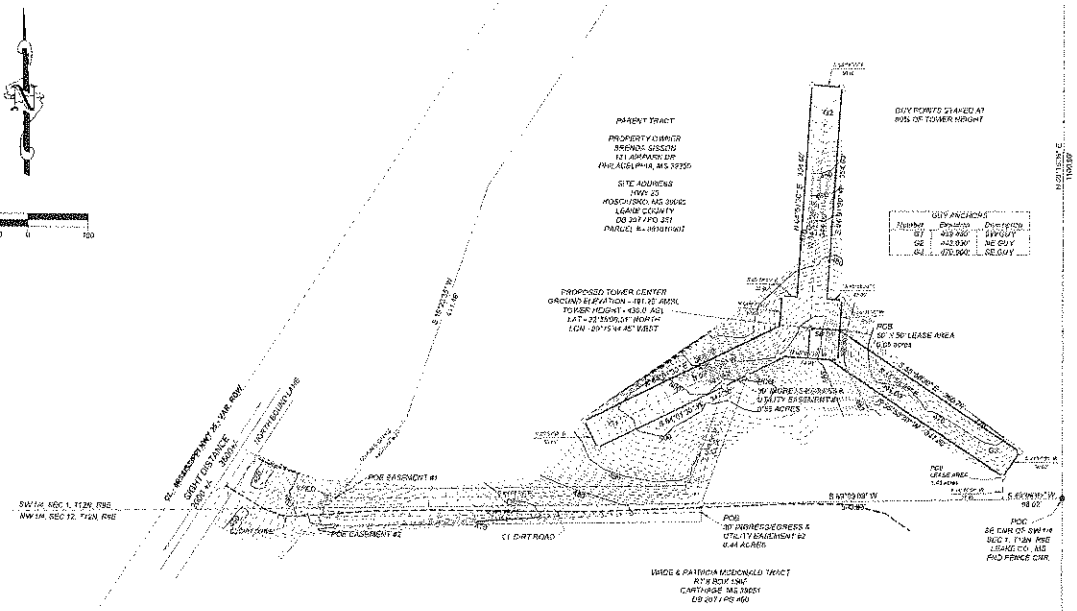
This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Appendix A

TOWERS OF MISSISSIPPI
FOUR CORNERS
20618 B







LEASE AREA

PARENT TRACT (DEED BOOK 207, PAGE 351)

LEASE DESCRIPTION

Commencing at a found fence corner at the apparent Southeast corner of the Southwest Quarter of Section 1, Township 12 North, Range 9 East, thence S 89° 09' 00" W along the South line of said quarter, a distance of 98.02', thence North, a distance of 37.45' to a set 1/2" rebar for the POINT OF BEGINNING, thence N 00° 00' 00" W, a distance of 347.89' to a set rebar, thence N 85° 58' 30" W, a distance of 73.21' to a set rebar, thence S 64° 51' 30" W, a distance of 347.90' to a set rebar, thence N 05° 58' 30" W, a distance of 60.00' to a set rebar, thence N 64° 51' 30" E, a distance of 360.00' to a set rebar, thence N 64° 51' 30" E, a distance of 30.00' to a set rebar, thence S 85° 58' 30" E, a distance of 28.00' to a set rebar, thence N 64° 51' 30" E, a distance of 354.00' to a set rebar, thence S 85° 58' 30" E, a distance of 60.00' to a set rebar, thence S 64° 51' 30" W, a distance of 354.90' to a set rebar, thence N 85° 58' 30" E, a distance of 76.00' to a set rebar, thence S 64° 51' 30" W, a distance of 59.00' to a set rebar, thence S 85° 58' 30" E, a distance of 360.00' to a set rebar, thence S 25° 01' 30" W, a distance of 99.00' to the POINT OF BEGINNING, said described tract containing 1.43 Acres, more or less, all lying and being in the Southwest Quarter of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi.

EASEMENT #1

Commencing at found fence corner at the apparent Southeast corner of the Southwest Quarter of Section 1, Township 12 North, Range 9 East, thence S 89° 09' 00" W along the South line of said quarter, a distance of 98.02', thence North, a distance of 37.45' to a set rebar, thence N 85° 58' 30" W, a distance of 347.90' to a set rebar, thence N 85° 58' 30" W, a distance of 73.21' to a set rebar, thence S 64° 51' 30" W, a distance of 91.76'to the POINT OF BEGINNING of an Ingress/Egress and Utility Easement being 30 feet wide and being 15 feet each side of the following described centerline, thence S 19° 45' 06" W, a distance of 201.16', thence S 88° 00' 00" W, a distance of 598.01' to the East right-of-way of Mississippi Highway 25 and the POINT OF ENDING, said described tract containing 0.55 Acres, more or less, all lying and being in the Southwest Quarter of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi.

EASEMENT #2

PARENT TRACT OF EASEMENT #2 WADE & PATRICIA MCDONALD, DEED BOOK 207, PAGE 400

EASEMENT #2 DESCRIPTION

Commencing at a found fence corner at the apparent Northeast corner of the Northwest Quarter of Section 12, Township 12 North, Range 9 East thence S 89° 09' 00" W along the North line of said quarter, a distance of 98.02', thence continuing S 89° 09' 00" W, a distance of 505.63' to a set 1/2" rebar, thence S 00° 50' 51" E, a distance of 18.00' to the POINT OF BEGINNING of an Ingress/Egress and Utility Easement being 30 feet wide and being 15 feet on each side of the following described centerline: thence S 00° 00' 00" W, a distance of 632.94', more or less, to the East right-of-way of Mississippi Highway 25 and the POINT OF ENDING, said described tract containing 0.44 Acres, more or less, all lying and being in the Northwest Quarter of Section 12, Township 12 North, Range 9 East, Leake County, Mississippi.

50' X 50' LEASE AREA

Commencing at a found fence corner at the apparent Southeast corner of the Southwest Quarter of Section 1, Township 12 North, Range 9 East thence S 89° 09' 00" W along the South line of said quarter, a distance of 98.02', thence North, a distance of 37.45' to a set 1/2" rebar, thence N 25° 01' 30" E, a distance of 99.00' to a set rebar, thence S 85° 58' 30" W, a distance of 360.00' to a set rebar for the POINT OF BEGINNING, thence S 64° 51' 30" W, a distance of 50.00', thence N 25° 01' 30" E, a distance of 50.00', thence N 64° 51' 30" E, a distance of 50.00', thence S 25° 01' 30" W, a distance of 50.00' to the POINT OF BEGINNING, said described tract containing 0.05 Acres, more or less, all lying and being in the Southwest Quarter of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi.

FLOOD NOTE

The subject property appears to be in Zone "X" of the Flood Insurance Rate Map Community Panel No. 280293 0100 B, which bears an effective date of September 15, 1989 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.

SURVEYOR'S NOTES

1. Topographic & Lease Parcel Survey, made on the ground under the supervision of a Mississippi Registered Land Surveyor. Date of field survey is January 7, 2009.
2. Bearings are based on Mississippi State Plane Coordinates NAD 83.
3. 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.
4. GPS coordinates and elevations stated on this plat were derived by static procedures and the results were calculated by OPUS solution. Onsite benchmark is as shown hereon. Elevations shown are in feet and refer to NAVD 88.
5. This survey was conducted for the purpose of a Topographic & Lease Parcel Survey only, and is not intended to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.
6. 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.
7. This Survey was conducted without the benefit of an Abstract Title Search.
8. Surveyor hereby states the Geodetic Coordinates and the elevation shown for the proposed centerline of the tower are accurate to within +/- 50 feet horizontally and to within +/- 20 feet vertically (FAA Accuracy Code 2C).
9. Survey shown hereon conforms to the Minimum Requirements as set forth by the State Board for a Class "B" Survey.

SURVEYOR'S CERTIFICATE

I, WADE UMFRESS, DO HEREBY CERTIFY TO STEWART TITLE GUARANTY COMPANY, AND TOWERS OF MISSISSIPPI, LLC, THAT THIS SURVEY WAS MADE ON THE GROUND UNDER MY PERSONAL SUPERVISION AND THAT THIS PLAT IS A TRUE, CORRECT, AND ACCURATE REPRESENTATION OF THE FACTS AS FOUND AT THE TIME OF THE SURVEY, 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 AND LEASE PARCEL AND EASEMENT RELATIVE TO AN APPROXIMATION OF THE LOCATION OF THE BOUNDARIES OF THE PARENT TRACT IS ILLUSTRATED ON THE PLAT SHOWN HEREON;

(X) 3. IRON PINS ARE SET AT EACH LEASE PARCEL CORNER UNLESS OTHERWISE INDICATED HEREON;

(X) 4. CORRECTLY SHOWS THE LOCATION AND DIMENSION OF ALL ALLEYS, STREETS, ROAD RIGHT-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) 5. EXCEPT AS SHOWN, THERE ARE NO VISIBLE EASEMENTS, 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) 6. 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 AND IMPROVEMENTS SHOWN ON PARENT TRACT, IF ANY;

(X) 7. EXCEPT AS SHOWN, THERE ARE NO VISIBLE PROTRUSIONS ON ADJOINING PREMISES, STREETS OR ALLEYS BY ANY BUILDING, STRUCTURE OR OTHER IMPROVEMENTS SITUATED ON THE ADJOINING PREMISES;

(X) 8. 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) 9. CORRECTLY SHOWS THE LOCATION AND ACRES CONTAINED IN ALL PORTIONS OF THE LEASE PARCEL AND EASEMENT WHICH ARE LOCATED IN AN AREA DESIGNATED AS FLOOD ZONE AS DEFINED BY THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT PURSUANT TO THE FLOOD DISASTER ACT OF 1973;

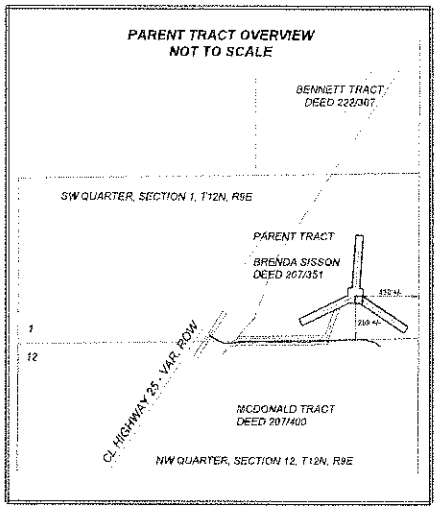
(X) 10. CORRECTLY DESCRIBES AND SHOWS THE LOCATION OF ALL PUBLIC STREETS AND ROADS VISIBLY PROVIDING ACCESS TO AND FROM THE SUBJECT PROPERTY, AND CORRECTLY SETS FORTH THE MUNICIPAL ADDRESS OF THE SUBJECT PROPERTY;

(X) 11. CORRECTLY DERIVES THE LATITUDINAL 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 OF EACH TOWER, PLUS OR MINUS 20 FEET, ON THE SURVEY DRAWING AND ON A SEPERATE 8 1/2 X 11 CERTIFIED LETTERHEAD;

(X) 12. 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) 13. IF THE SURVEY IS DEVELOPED ELECTRONICALLY AND FILED, IT IS ESSENTIAL THAT A DISK OR ELECTRONIC FILE VIA EMAIL BE PROVIDED ALONG WITH THE SURVEY.

PARENT TRACT OVERVIEW
NOT TO SCALE



MISSISSIPPI LAND SURVEYOR
WADE UMFRESS JR
LS-2803
STATE OF MISSISSIPPI

Marvin Wade Umfress, Jr
Mississippi Registered No. 2803

UMFRESS LAND SURVEYING WADE UMFRESS PLS-2803 975 WHITE SPRINGS RD. FULTON, MS 38843 662-862-5546 EMAIL - wadeu@netvoice.com	DATE 1/10/2009
	SCALE 1" = 100'
SURVEY OF: TOWERS OF MISSISSIPPI FOUR CORNERS (20618B) SECTION 1, T12N, R9E LEAKE COUNTY, MISSISSIPPI	CLASS "B"
	FILE: TOM Four Corners

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. State ----- 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.

Give Feedback

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 Phone: 601-928-6160
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.

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

Give Feedback

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
Maps
GIS Map (for fast Internet connections)
Static Map (for slow Internet connections)
Data
Summary Reports
Images
Community Connections
Accessibility issues? View the above navigation links as a list.
Support Wilderness.net

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.

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 Phone: 601-928-6160
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.

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

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  - 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
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  - Good campsites are found, not made. Altering a site is not necessary.
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    - Walk single file in the middle of the trail, even when wet or muddy.
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  - 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.
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  - Burn all wood and coals to ash, put out campfires completely, then scatter cool ashes.
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  - Observe wildlife from a distance. Do not follow or approach them.
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  - 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
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- Sun glasses
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- 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

Give Feedback

Feedback Analytics

Appendix C

nationalatlas.gov™
Where We Are

MISSISSIPPI

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

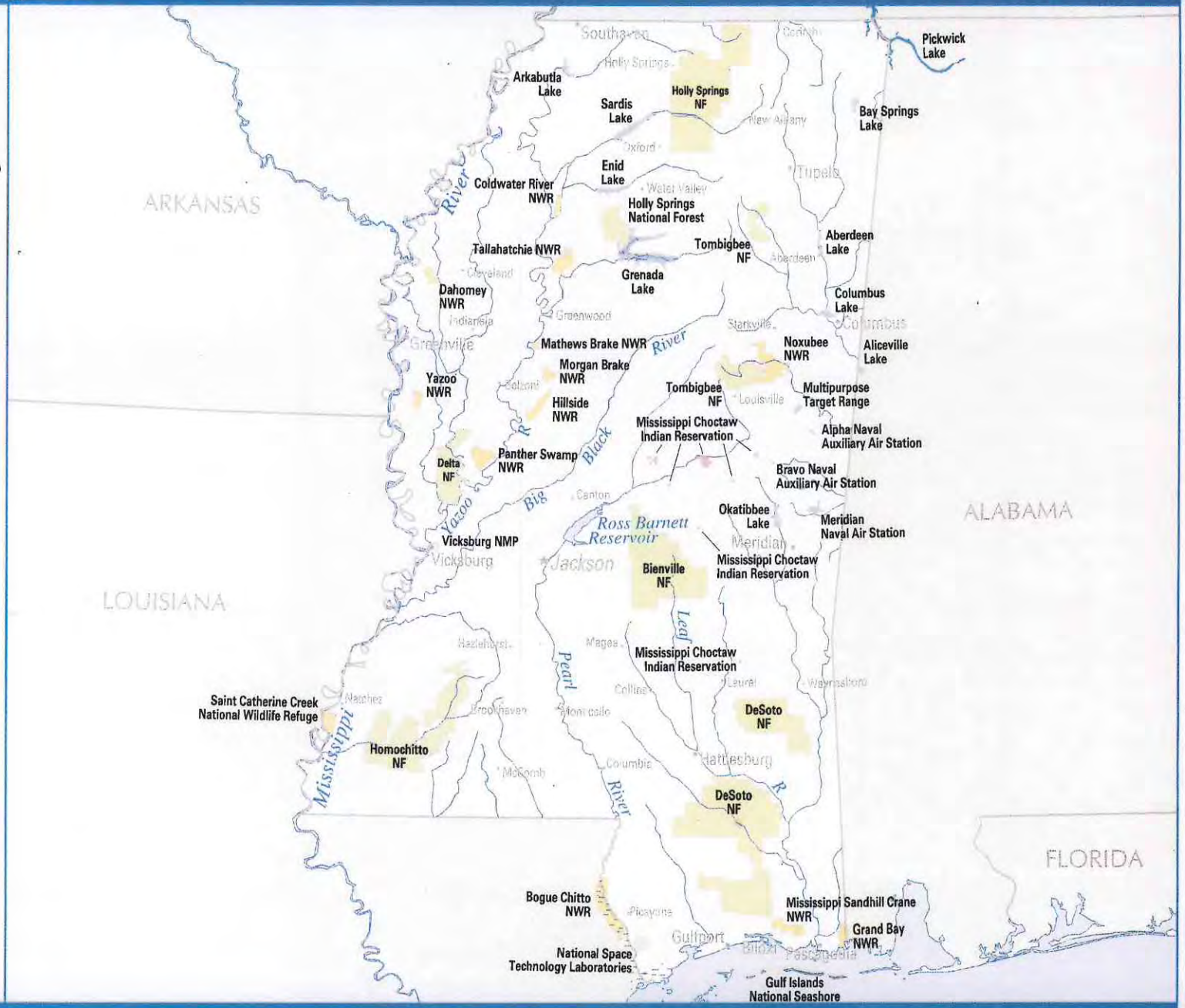
Some small sites are not shown, especially in urban areas.

MILES
0 20 40 60 80

Albers equal area projection

Abbreviations

NF	National Forest
NMP	National Military Park
NWR	National Wildlife Refuge



U.S. Department of the Interior
U.S. Geological Survey

The National Atlas of the United States of America®

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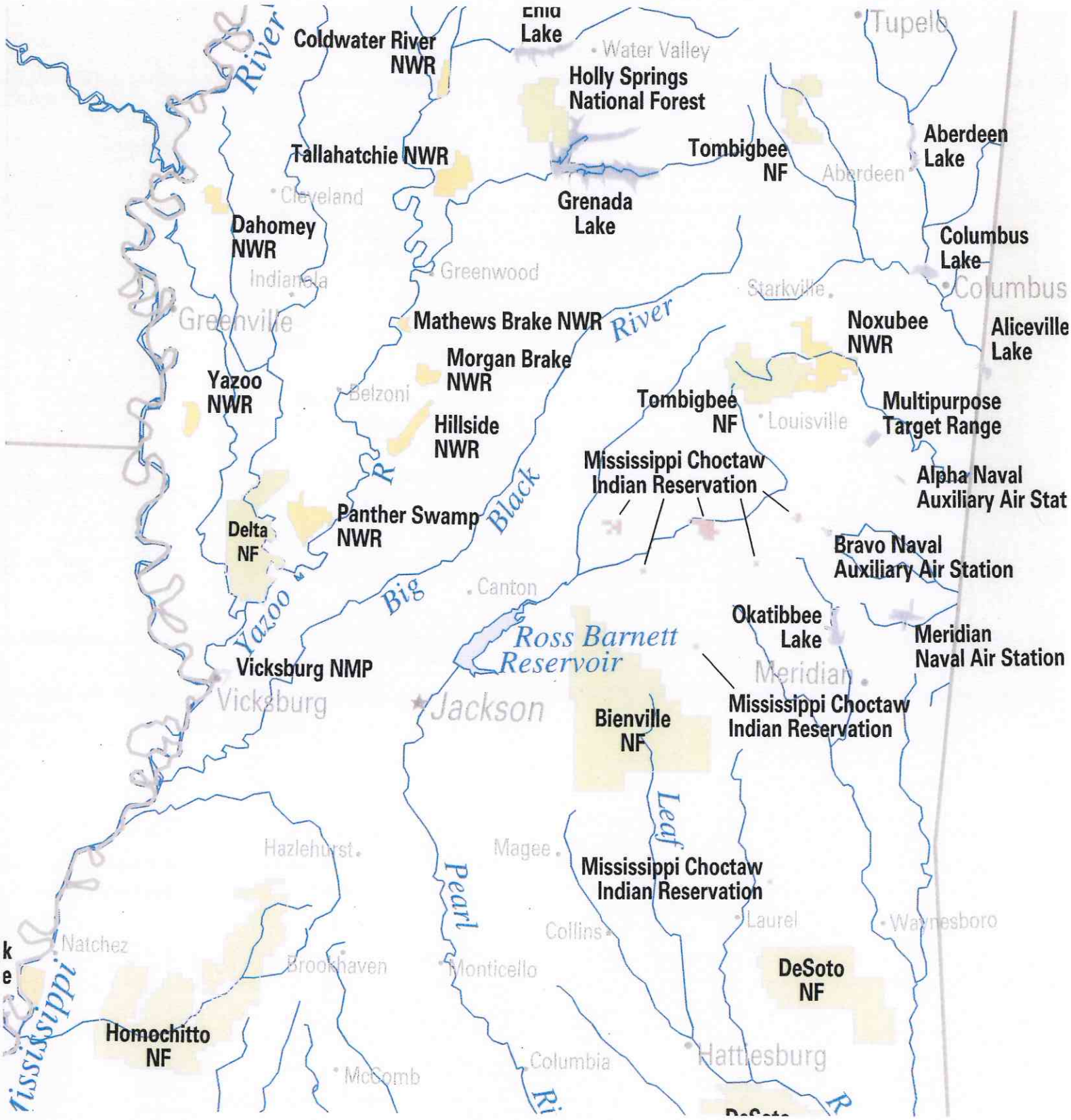
Enid Lake
Coldwater River NWR
Water Valley
Tupelo
Holly Springs National Forest
Tallahatchie NWR
Tombigbee NF
Aberdeen Lake
Aberdeen
Cleveland
Grenada Lake
Dahomey NWR
Columbus Lake
Indianola
Greenwood
Starkville
Columbus
Greenville
Mathews Brake NWR
Noxubee NWR
Aliceville Lake
Morgan Brake NWR
Yazoo NWR
Belzoni
Tombigbee NF
Multipurpose Target Range
Hillside NWR
Louisville
Mississippi Choctaw Indian Reservation
Alpha Naval Auxiliary Air Stat
Panther Swamp NWR
Delta NF
Bravo Naval Auxiliary Air Station
Canton
Okatibbee Lake
Ross Barnett Reservoir
Meridian Naval Air Station
Vicksburg NMP
Vicksburg
Jackson
Meridian
Mississippi Choctaw Indian Reservation
Bienville NF
Hazlehurst
Magee
Mississippi Choctaw Indian Reservation
Natchez
Collins
Laurel
Waynesboro
Brookhaven
Monticello
DeSoto NF
Homochitto NF
Columbia
Hattiesburg
McComb
River
Black
Big
Yazoo
Pearl
Leaf
Mississippi

Southeast Region

Conserving the Nature of America

- Refuge Finder
- Service Finder
- Office Finder
- Contact Finder

- About Southeast Region
- Climate Change in the SE
- Connecting People with Nature:
  - Lets Go Outside
  - Educators
  - Southeast Kids
  - Reference and Research
  - Publications
  - Southeastern Currents
- Fish & Wildlife
  - Ecological Services
    - Contaminants
    - Coastal Program
    - Partners for FWS
    - T & E Species: Achieving Recovery and Preventing Extinction
    - Recovery Program
  - Aquatic Resources: National Fish Habitat Action Plan
  - 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

January 27, 2009

Mr. Ray Aycock
United States Fish and Wildlife Service
6578 Dogwood View Parkway
Jackson, Mississippi 39213

Subject:
Proposed MSWIN 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Mr. Aycock:

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

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west (Figure 1). Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of associated equipment within the compound, and covering the compound with gravel.

On January 21, 2009, I performed a pedestrian survey of the proposed 100-foot by 100-foot lease area and the proposed access road. At the time of the survey, visual inspection was made of the site and land adjacent to the site. The purpose of this survey was to determine if wetlands were present on site and if potential habitat for listed species or individuals of listed species were present on site.

The site consists of a 100-foot by 100-foot lease area with three associated guy anchor easements and a proposed/existing access road. The site is located east of Highway 25 near Kosciusko, Mississippi. The lease area is located in a wooded area and slopes downward from the center of the site to the north, east, and west. The majority of the proposed compound is located on a former logging road. The eastern and western portions of the proposed compound are wooded with immature pine trees. The northeastern guy anchor contains pine trees approximately ten inches in diameter at breast height (dbh) with light understory. The southeastern and western guy anchor easements contain immature pine trees with moderate understory. The proposed access road enters the site from the south, following an existing dirt road then turning northeast to the site.

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

The U.S. Fish and Wildlife Service (USFWS) lists two species as threatened occurring in Leake County, Mississippi. These are the ringed map turtle and Louisiana black bear. No presence of listed individuals or potential habitat for these listed individuals was determined from this survey. Site photographs have been included in this report.

Environmental Engineers, Inc. appreciates the opportunity to provide this information. Please reference the Environmental Engineers, Inc. project number (JSE01P0820) 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.

Anne B. Gilbert, P.E.
Principal Engineer

Attachments: Site Location Map
Site Photographs
Table of Listed Species Occurring in Leake County, Mississippi

7007 2680 0002 3655 5981

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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
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1/28/09

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JSE01P0819
JSE01P0820
JSE01P0902

Sent To Mr Ray Aycock

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 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:

Mr. Ray Aycock
USF+WS
6578 Dogwood View Pkwy
Jackson, MS 39213

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) K Lunsford
C. Date of Delivery 1/29

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7007 2680 0002 3655 5981

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

United States Department of the Interior

FISH AND WILDLIFE SERIVCE
Mississippi Field Office
6578 Dogwood View Parkway, Suite A
Jackson. MS 39213

February 23, 2009

ENVIRONMENTAL ENGINEERS
FEB 25 2009
RECEIVED

Ms. Anne Gilbert
Environmental Engineers, Inc.
11578 US Highway 411
Odenville, Alabama 35120

RE: Proposed Tower in Leake County, Mississippi, Project No: JSE01P0820

Dear Ms. Gilbert:

The U.S. Fish and Wildlife Service (Service) received your letter dated January 27, 2009 regarding the proposed construction of a new wireless telecommunications structure in Leake County, Mississippi. The proposal is for constructing a 480-foot guyed-wire tower within a 100-foot by 100-foot fenced equipment compound and three anchor easements located east of Highway 25 near Kosciusko. 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 terrestrial listed species for Leake County, the threatened Louisiana black bear. Since the proposed site is not bottomland hardwood habitat and has a relatively small project footprint, the Service determines that this project will have no effect on listed species or critical habitat. However, due to the adverse impact these towers can have on migratory birds, we are attaching guidelines to reduce bird mortality.

Thank you for the opportunity to comment on this project. Please contact this office if your project plans change or if you have any questions. My office phone number is (601) 321-1129.

Sincerely,

Terri Jacobson

Terri Jacobson
Fish and Wildlife Biologist

Appendix E

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.

Appendix F

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, January 09, 2009 11:27 AM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2097565

Dear Henry A Fisher,

Thank you for submitting a notification regarding your proposed structure via the Tower Construction Notification Application. Note that the FCC has assigned a unique Notification ID number for this proposed structure.
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 tower you have proposed to construct:

Notification Received: 01/09/2009

Notification ID: 48088
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 55 min 00.5 sec N
Longitude: 89 deg 19 min 44.4 sec W
Location Description: off Hwy 25
City: Kosciusko
State: MISSISSIPPI
County: LEAKE
Ground Elevation: 149.7 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 146.3 meters above ground level
Overall Height AMSL: 296 meters above mean sea level

48088 TOM/SM

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, January 16, 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 #2099045

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. THPO Kenneth H Carleton - Mississippi Band of Choctaw Indians - Choctaw, MS - electronic mail
Exclusions: 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 interestin 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.

2. Compliance Review Supervisor Dawn P Hutchins - Seminole Tribe of Florida - Clewiston, FL - electronic mail

3. Director of Cultural Resources & THPO Terry D Cole - Choctaw Nation of Oklahoma - Durant, OK - electronic mail and regular mail
Exclusions: 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 Interiorand 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.]

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

5. 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.

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

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

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

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

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

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

"Exclusions" above set forth language provided by the Tribe, NHO, or SHPO. These exclusions may indicate types of tower notifications that the Tribe, NHO, or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribes, NHOs, and SHPOs that have an expressed interest in the geographic area of a proposal, as well as Tribes and NHOs that have not limited their geographic areas of interest. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribe, NHO, or SHPO. Exclusions may also set forth policies or procedures of a particular Tribe, NHO, or SHPO (for example, types of information that a Tribe routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

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: 01/09/2009
Notification ID: 48088
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 55 min 0.5 sec N
Longitude: 89 deg 19 min 44.4 sec W
Location Description: off Hwy 25
City: Kosciusko
State: MISSISSIPPI
County: LEAKE
Ground Elevation: 149.7 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 146.3 meters above ground level
Overall Height AMSL: 296.0 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

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

The NT Submission Packet is to be used only for the construction of new antenna support structures. Antenna collocations that are subject to Section 106 review should be submitted using the Collocation ("CO") Submission Packet (FCC Form 621).

General Instructions: NT Submission Packet

Fill out the answers to Questions 1-5 on Form 620 and provide the requested attachments. Attachments should be numbered and provided in the order described below.

For ease of processing, provide the Applicant's Name, Applicant's Project Name, and Applicant's Project Number in the lower right hand corner of each page of Form 620 and attachments.[3]

1. Applicant Information

Full Legal Name of Applicant: Towers of Mississippi/State of Mississippi

Name and Title of Contact Person: Taylor Robinson

Address of Contact Person (including Zip Code):
31560 Blakeley Way, Spanish Fort, AL 36527

Phone: 205-266-4466 Fax: _____

E-mail address: trobinson@vulcancompany.com

2. Applicant's Consultant Information

Full Legal Name of Applicant's Section 106 Consulting Firm:

MRS Consultants, LLC.

Name of Principal Investigator: Beth A. Ryba

Title of Principal Investigator: Cultural Resource Specialist/Archaeologist

Investigator's Address: P.O. Box 3146

[3] Some attachments may contain photos or maps on which this information can not be provided.

Applicant's Name: Towers of Mississippi/ State of Mississippi
Project Name: Four Corners
Project Number: 20618B

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

City: Tuscaloosa State AL Zip Code 35403

Phone: 205-556-6456 Fax: 205-556-6725

E-mail Address: earyba@earthlink.net

Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?[4] (YES) NO.

Areas in which the Principal Investigator meets the Secretary of the Interior's Professional Qualification Standards: M.A. Anthropology (Archaeology)

Other "Secretary of the Interior qualified" staff who worked on the Submission Packet (provide name(s) as well as well as the area(s) in which they are qualified):

3. Site Information

a. Street Address of Site: 2314 Highway 25 N (nearest street address)

City or Township: Kosciusko

County / Parish: Leake State: MS Zip Code: 39090

b. Nearest Cross Roads: Highway 25 N / Hyde Road

c. NAD 83 Latitude/Longitude coordinates (to tenth of a second):

N 32 ° 55 ' 0.5"; W 89 ° 19 ' 44.4"

[4] The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: <http://www.cr.nps.gov/local-law/arch_stnds_9.htm>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. *See* Nationwide Agreement, §§ VI.D.1.d, VI.D.1.e, VI.D.2.b, VI.E.5.

Applicant's Name: Towers of Mississippi/ State of Mississippi
Project Name: Four Corners
Project Number: 20618B

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

d. Proposed tower height above ground level:[5] 480 feet; 146.3 meters

e. Tower type:

[X] guyed lattice tower [ ] self-supporting lattice [ ] monopole

[ ] other (briefly describe tower) _____

4. **Project Status:**[6]

a. [X] Construction not yet commenced;
b. [ ] Construction commenced on [date] _____; or,
c. [ ] Construction commenced on [date] _____ and was completed on [date] _____.

5. **Applicant's Determination of Effect:**

a. **Direct Effects** (check one):

i. [X] No Historic Properties in Area of Potential Effects ("APE") for direct effects;
ii. [ ] "No effect" on Historic Properties in APE for direct effects;
iii. [ ] "No adverse effect" on Historic Properties in APE for direct effects;
iv. [ ] "Adverse effect" on one or more Historic Properties in APE for direct effects.

b. **Visual Effects** (check one):

i. [X] No Historic Properties in Area of Potential Effects ("APE") for visual effects;
ii. [ ] "No effect" on Historic Properties in APE for visual effects;
iii. [ ] "No adverse effect" on Historic Properties in APE for visual effects;
iv. [ ] "Adverse effect" on one or more Historic Properties in APE for visual effects.

---

[5] Include top-mounted attachments such as lightning rods.

[6] Failure to provide the Submission Packet and complete the review process under Section 106 of the NHPA prior to beginning construction may violate Section 110(k) of the NHPA and the Commission's rules. *See* Section X of the Nationwide Agreement.

Applicant's Name: Towers of Mississippi/ State of Mississippi
Project Name: Four Corners
Project Number: 20618B

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

Certification and Signature

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

Signature	01/28/09 Date
Beth A. Ryba Printed Name	Archaeologist/Cultural Resource Specialist Title

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).

Applicant's Name: Towers of Mississippi/ State of Mississippi
Project Name: Four Corners
Project Number: 20618B

ATTACHMENT 1
Vitae

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 consultation with Native American tribes/organizations was submitted by Environmental Engineers, January 9, 2009 through the FCC Tower Construction Notification System (TCNS).

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, January 09, 2009 11:27 AM
To: towerinfo@envciv.com
Subject: Proposed Tower Structure Info - Email ID #2097565

Dear Henry A Fisher,

Thank you for submitting a notification regarding your proposed structure via the Tower Construction Notification Application. Note that the FCC has assigned a unique Notification ID number for this proposed structure.
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 tower you have proposed to construct:

Notification Received: 01/09/2009

Notification ID: 48088
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 55 min 00.5 sec N
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Ground Elevation: 149.7 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 146.3 meters above ground level
Overall Height AMSL: 296 meters above mean sea level

4808 TOM/SM

Henry Fisher

From: towernotifyinfo@fcc.gov
Sent: Friday, January 16, 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 #2099045

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).

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1. THPO Kenneth H Carleton - Mississippi Band of Choctaw Indians - Choctaw, MS - electronic mail
Exclusions: 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 interestin 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.

2. Compliance Review Supervisor Dawn P Hutchins - Seminole Tribe of Florida - Clewiston, FL - electronic mail

3. Director of Cultural Resources & THPO Terry D Cole - Choctaw Nation of Oklahoma - Durant, OK - electronic mail and regular mail
Exclusions: 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 Interiorand 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.]

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

5. 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.

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

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

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

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

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

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

"Exclusions" above set forth language provided by the Tribe, NHO, or SHPO. These exclusions may indicate types of tower notifications that the Tribe, NHO, or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribes, NHOs, and SHPOs that have an expressed interest in the geographic area of a proposal, as well as Tribes and NHOs that have not limited their geographic areas of interest. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribe, NHO, or SHPO. Exclusions may also set forth policies or procedures of a particular Tribe, NHO, or SHPO (for example, types of information that a Tribe routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

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: 01/09/2009
Notification ID: 48088
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 55 min 0.5 sec N
Longitude: 89 deg 19 min 44.4 sec W
Location Description: off Hwy 25
City: Kosciusko
State: MISSISSIPPI
County: LEAKE
Ground Elevation: 149.7 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 146.3 meters above ground level
Overall Height AMSL: 296.0 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

Attachment 4. Local Government

The Leake County Board of Supervisors was contacted via letter dated January 16, 2009 for comment regarding potential impacts to historical or cultural sites by the proposed action.

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

January 16, 2009

Mr. Davis Gill
Leake County Board of Supervisors
P.O. Drawer 72
County Courthouse
Carthage, MS 39051-0072

Subject:
Proposed MSWIN 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Mr. Gill:

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) we are requesting comment on behalf of Towers of Mississippi and the State of Mississippi 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 Leake County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west (Figure 1). Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, 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 (JSE01P0820) 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 Mr. Henry Fisher at (205) 629-3868 or email him 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,

ENVIRONMENTAL ENGINEERS, INC.

Mindy Milam
Staff Wildlife Biologist

Attachments: Site Location Map

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

7007 2680 0002 3655 5820

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CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

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

OFFICIAL USE

Postage	$	1/19/09
Certified Fee		Postmark Here
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		JSE01A0820
Total Postage & Fees	$ 5.32	

Sent To Mr. Davis Gill

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 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:

Mr. Davis Gill
Leake County Bd of Supervisors
P.O. Draw 72
County Courthouse
Carthage, MS 39051 0072

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x D Berenich ☐ Agent ☐ Addressee

B. Received by (Printed Name) D Berenich C. Date of Delivery 1/22/09

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7007 2680 0002 3655 5820

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

Attachment 5. Public Involvement

A notice requesting comment regarding potential impacts to historical or archaeological properties by the proposed action was published in *The Carthaginian* on January 15, 2009.

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI,
LEAKE COUNTY

Personally came before the undersigned Authority Brenda B. Howell duly qualified for Leake County, Mississippi Waid Prather, Publisher of *THE CARTHAGINIAN*, a newspaper, published in the City of Carthage, State and County aforesaid, who being duly sworn, deposes and says that publication of notice, of which the annexed is a copy, has been made in said paper 1 times consecutively, to wit.

PUBLIC NOTICE

Towers of Mississippi and the State of Mississippi, in accordance with requirements of Section V.B. of the March 2005 Nationwide Programmatic Agreement (NPA) for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (FCC), 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 480- foot guyed communications tower off Hwy 25, Kosciusko, Leake County, Mississippi, at latitude 32° 55' 00.5" north and longitude 89° 19' 44.5" west.

All comments should be submitted within 30 days of the publication of this notice referencing project JSE01P0826 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 lowerinfo@envciv.com, via telephone at (205) 629-3668, or via facsimile at (877) 847-3060. (1-15-1tp)

ENVIRONMENTAL ENGINEERS

JAN 20 2009

RECEIVED

Vol 137 No 44 On the 15th day of January 2009

Vol _____ No _____ On the _____ day of _____ 2009

Vol _____ No _____ On the _____ day of _____ 2009

Vol _____ No _____ On the _____ day of _____ 2009

This 16th day of January 2009

Publisher - *THE CARTHAGINIAN*

THE STATE OF MISSISSIPPI,
LEAKE COUNTY

Personally appeared before me, Brenda B. Howell, Notary Public of said County and State, the above named Waid Prather, Publisher, who being duly sworn declares that the publication was made as stated and that he signed the foregoing instrument on the day of the year therein mentioned.

Given under my hand this 16th day of January 2009

Brenda B Howell, Notary Public

My commission expires on the 4th day of Feb. 2011

January 16, 2009

TO *THE CARTHAGINIAN* DR.

Publishing Environmental Engineers, Public Notice, Construction of 480-ft communications tower

140 words space 1 time and making Proof of Publication: $19.80

Received of Environmental Engineers, Inc. Payment

in full of above account January 12, 2009.

Brenda B Howell
THE CARTHAGINIAN

Attachment 6. Additional Consulting Parties

No additional consulting parties were identified for the proposed action.

Appendix H

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

January 29, 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 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Mr. Woodrick:

Environmental Engineers, Inc. is requesting a Section 106 review, on behalf of Towers of Mississippi and the State of Mississippi 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 (JSE01P0820) 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

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

Odenville, AL 35120

FedEx Express

J9614080123282 3

Ship Date: 30JAN09
ActWgt: 1.0 LB
CAD: 4760346/INET9011
Account#: S *********

Delivery Address Bar Code

SHIP TO: (601) 359-6940 BILL SENDER

Mr. Jim Woodrick
MS Dept of Archives & History
200 NORTH ST

JACKSON, MS 39201

Ref # CEL01P0901 & JSE01P0820
Invoice #
PO #
Dept #

TRK# 0201 7972 9713 2557

WED - 04FEB A2
EXPRESS SAVER
RES

39201
MS-US
MEM

SA JANA

After printing this label:
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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.

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Cheryl Johnson

From: TrackingUpdates@fedex.com
Sent: Tuesday, February 03, 2009 12:38 PM
To: cjohnson@envciv.com
Subject: FedEx Shipment 797297132557 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:

Reference:	CEL01P0901 & JSE01P0820
Ship (P/U) date:	Jan 30, 2009
Delivery date:	Feb 3, 2009 12:34 PM
Sign for by:	W.ROLISAR
Delivered to:	Receptionist/Front Desk
Service type:	FedEx Express Saver
Packaging type:	FedEx Envelope
Number of pieces:	1
Weight:	1.00 lb.
Special handling/Services:	Residential Delivery Deliver Weekday

Tracking number: 797297132557

Shipper Information	Recipient Information
HENRY FISHER	Mr. Jim Woodrick
ENVIRONMENTAL ENGINEERS, INC	MS Dept of Archives & History
11578 U.S. Highway 411	200 NORTH 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 12:38 PM CST on 02/03/2009.

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Thank you for your business.

MISSISSIPPI DEPARTMENT *of* ARCHIVES AND HISTORY

MDA&H

HISTORIC PRESERVATION
Ken P'Pool, director • Jim Woodrick, acting director
PO Box 571, Jackson, MS 39205-0571
601-576-6940 • Fax 601-576-6955
mdah.state.ms.us

February 10, 2009

ENVIRONMENTAL ENGINEERS
FEB 13 2009
RECEIVED

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

RE: Proposed MSWIN 20618 B Communications Tower, Kosciusko (EE Project No. JSE01P0820), MDAH Project Log #02-031-09, Leake County

Dear Henry:

We have reviewed your January 29, 2009, cultural resources assessment request and January 27, 2009, cultural resources survey report by Beth Ryba, Principal Investigator, received on February 5, for the above referenced undertaking, pursuant to our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800. After reviewing the information provided, we concur that no cultural resources listed in or eligible for listing in the National Register of Historic Places will be directly or visually affected. Therefore, we have no reservations with the project.

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 me know.

Sincerely,

Jim Woodrick
Review and Compliance Officer

FOR: H.T. Holmes
State Historic Preservation Officer

Board of Trustees: Kane Ditto, president / Rosemary Taylor Williams, vice president / Reuben V. Anderson / Lynn Crosby Gammill / E. Jackson Garner / Duncan M. Morgan / Hilda Cope Povall / Martis D. Ramage, Jr. / Roland Weeks / *Department director: H. T. Holmes*

Appendix I

Henry Fisher

From: Henry Fisher [hfisher@envciv.com]
Sent: Thursday, January 29, 2009 6:01 PM
To: 'Caren Johnson'
Subject: Towers of Mississippi - State of Mississippi MSWIN 20618 B Communications Tower TCNS 48088
Attachments: FCC Form 620 MSWIN 20618 B Tower TCNS 48088.pdf

January 29, 2009

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 48088
Proposed MSWIN 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Leake County, Mississippi. This project was also submitted through the FCC TCNS on January 9, 2009 (TCNS ID # 48088).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west. Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, 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 (JSE01P0820) 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 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: Tuesday, March 10, 2009 3:27 PM
To: 'Henry Fisher'
Subject: RE: Towers of Mississippi - State of Mississippi MSWIN 20618 B Communications Tower TCNS 48088

March 10, 2009

Mr. Henry Fisher:

The Choctaw Nation of Oklahoma has reviewed cell tower(s) FCC # 48088 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: Saturday, February 28, 2009 2:30 PM
To: 'Caren Johnson'
Subject: FW: Towers of Mississippi - State of Mississippi MSWIN 20618 B Communications Tower TCNS 48088

Hey Caren! Just checking on this one!

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

From: Henry Fisher [mailto:hfisher@envciv.com]
Sent: Thursday, January 29, 2009 6:01 PM
To: 'Caren Johnson'
Subject: Towers of Mississippi - State of Mississippi MSWIN 20618 B Communications Tower TCNS 48088

January 29, 2009

Mr. Terry Cole
Choctaw Nation of Oklahoma

Subject:
TCNS 48088
Proposed MSWIN 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Mr. Cole:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Leake County, Mississippi. This project was also submitted through the FCC TCNS on January 9, 2009 (TCNS ID # 48088).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west. Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, 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 (JSE01P0820) 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 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: Thursday, January 29, 2009 6:03 PM
To: 'Carleton, Ken'; 'choctawhp@gmail.com'
Subject: Towers of Mississippi - State of Mississippi MSWIN 20618 B Communications Tower TCNS 48088
Attachments: FCC Form 620 MSWIN 20618 B Tower TCNS 48088.pdf

January 29, 2009

Mr. Ken Carleton
Mississippi Band of Choctaw Indians

Subject:
TCNS 48088
Proposed MSWIN 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Mr. Carleton:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Leake County, Mississippi. This project was also submitted through the FCC TCNS on January 9, 2009 (TCNS ID # 48088).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west. Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, 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 (JSE01P0820) 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 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: Thursday, January 29, 2009 6:04 PM
To: 'Dawn Hutchins'
Subject: Towers of Mississippi - State of Mississippi MSWIN 20618 B Communications Tower TCNS 48088
Attachments: FCC Form 620 MSWIN 20618 B Tower TCNS 48088.pdf

January 29, 2009

Ms. Dawn Hutchins
Seminole Tribe of Florida

Subject:
TCNS 48088
Proposed MSWIN 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Ms. Hutchins:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Leake County, Mississippi. This project was also submitted through the FCC TCNS on January 9, 2009 (TCNS ID # 48088).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west. Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, 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 (JSE01P0820) 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 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: Friday, January 30, 2009 7:19 AM
To: towerinfo@envciv.com
Cc: towernotifyinfo@fcc.gov; dawnhutchins@semtribe.com
Subject: Reply to Proposed Tower Structure (Notification ID #48088) - Email ID #2112275

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 Compliance Review Supervisor Dawn P Hutchins of the Seminole Tribe of Florida in reference to Notification ID #48088:

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,
Dawn Hutchins
Compliance Review Supervisor
dawnhutchins@semtribe.com

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

Notification Received: 01/09/2009
Notification ID: 48088
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 55 min 0.5 sec N
Longitude: 89 deg 19 min 44.4 sec W
Location Description: off Hwy 25
City: Kosciusko

State: MISSISSIPPI
County: LEAKE
Ground Elevation: 149.7 meters
Support Structure: 146.3 meters above ground level
Overall Structure: 146.3 meters above ground level
Overall Height AMSL: 296.0 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 NPAI

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: Thursday, January 29, 2009 5:59 PM
To: 'earlii@tunica.org'
Subject: Towers of Mississippi - State of Mississippi MSWIN 20618 B Communications Tower TCNS 48088

January 29, 2009

Mr. Earl Barbry
Tunica-Biloxi Indians of Louisiana

Subject:
TCNS 48088
Proposed MSWIN 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Mr. Barbry:

I am requesting comment on behalf of Towers of Mississippi and the State of Mississippi regarding potential impacts to Native American religious or cultural sites by construction of a wireless communications tower in Leake County, Mississippi. This project was also submitted through the FCC TCNS on January 9, 2009 (TCNS ID # 48088).

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55′ 00.51″ north and longitude 89° 19′ 44.45″ west. Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, 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 (JSE01P0820) 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

January 16, 2009

Mr. Davis Gill
Leake County Board of Supervisors
P.O. Drawer 72
County Courthouse
Carthage, MS 39051-0072

Subject:
Proposed MSWIN 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Mr. Gill:

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) we are requesting comment on behalf of Towers of Mississippi and the State of Mississippi 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 Leake County, Mississippi.

The site is depicted on the United States Geological Survey 7.5-minute Topographic Quadrangle "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west (Figure 1). Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, 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 (JSE01P0820) 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 Mr. Henry Fisher at (205) 629-3868 or email him 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,

ENVIRONMENTAL ENGINEERS, INC.

Mindy Milam
Staff Wildlife Biologist

Attachments: Site Location Map

7007 2680 0002 3655 5820

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	$ 5.32

1/19/09
Postmark Here

JSE01P4820

Sent To Mr. Davis Gill
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 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:

Mr. Davis Gill
Leake County Bd of Supervisors
P.O. Draw 72
County Courthouse
Carthage, MS 39051 0072

COMPLETE THIS SECTION ON DELIVERY

A. Signature
x [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) Ta Berrnich
C. Date of Delivery 1/22/09

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7007 2680 0002 3655 5820

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

PROOF OF PUBLICATION

THE STATE OF MISSISSIPPI,
LEAKE COUNTY

Personally came before the undersigned Authority Brenda B. Howell duly qualified for Leake County, Mississippi Waid Prather, Publisher of *THE CARTHAGINIAN*, a newspaper, published in the City of Carthage, State and County aforesaid, who being duly sworn, deposes and says that publication of notice, of which the annexed is a copy, has been made in said paper 1 times consecutively, to wit.

PUBLIC NOTICE

Towers of Mississippi and the State of Mississippi, in accordance with requirements of Section V.B. of the March 2005 Nationwide Programmatic Agreement (NPA) for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (FCC), 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 480- foot guyed communications tower off Hwy 25, Kosciusko, Leake County, Mississippi, at latitude 32° 55' 00.5" north and longitude 89° 19' 44.5" west.

All comments should be submitted within 30 days of the publication of this notice referencing project JSE01P0820 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.

(1-15-1tp)

ENVIRONMENTAL ENGINEERS

JAN 20 2009

RECEIVED

Vol 137 No 44 On the 15th day of January 2009

Vol _____ No _____ On the _____ day of _____ 2009

Vol _____ No _____ On the _____ day of _____ 2009

Vol _____ No _____ On the _____ day of _____ 2009

This 16th day of January 2009

Publisher - *THE CARTHAGINIAN*

THE STATE OF MISSISSIPPI,
LEAKE COUNTY

Personally appeared before me, Brenda B. Howell, Notary Public of said County and State, the above named Waid Prather, Publisher, who being duly sworn declares that the publication was made as stated and that he signed the foregoing instrument on the day of the year therein mentioned.

Given under my hand this 16th day of January 2009

Brenda B Howell, Notary Public

My commission expires on the 4th day of Feb. 2011

January 16, 2009

TO *THE CARTHAGINIAN* DR.

Publishing Environmental Engineers, Public Notice, Construction of 480-ft communications tower

140 words space 1 time and making Proof of Publication: $19.80

Received of Environmental Engineers, Inc. Payment in full of above account January 12, 2009.

Brenda B Howell
THE CARTHAGINIAN

Appendix K

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

November 3, 2009

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 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

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 Leake 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 "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west. The site consists of a 100' x 100' lease area with three associated guy anchor easements and a proposed/existing access road. The site is located east of Highway 25 near Kosciusko, Mississippi. Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. The proposed project is depicted on the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) "Panel 100 of 400, Leake County, Mississippi Unincorporated Areas" effective date September 15, 1989, and is located in an area designated as Zone X (no shading) which is described as areas outside the 500-year 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.

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

The responsible official for this project is:

Mr. Taylor Robinson
Towers of Mississippi
31560 Blakely Way
Spanish Fort, Alabama 36532
Telephone (205) 266-4466

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 (JSE01P0820) 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

DEPARTMENT OF THE ARMY

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

REPLY TO
ATTENTION OF:

ENVIRONMENTAL ENGINEERS

NOV 12 2009
RECEIVED

November 9, 2009

Operations Division

SUBJECT: Towers of Mississippi, MSWIN 20618 B Communications Tower, Kosciusko, Leake County, Mississippi, Section 1, T12N-R9E, Environmental Engineers, Incorporated Project No.: JSE01P0820

Mr. Henry A. Fisher, P.E.
Environmental Engineers, Incorporated
11578 US Highway 411
Odenville, Alabama 35120

Dear Mr. Fisher:

We received your correspondence, subject as above, on November 6, 2009. For ease of reference, we have assigned your correspondence identification number MVK-2009-1486. Please refer to this number should you write or call us about your request.

If you have any questions about the status of your request, please call this office at (601) 631-5064 or (601) 631-7071.

Sincerely,

Michael F. McNair

Michael F. McNair, R.F.
Chief, Regulatory Branch

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

ENVIRONMENTAL ENGINEERS
NOV 23 2009
RECEIVED

REPLY TO
ATTENTION OF:

November 17, 2009

Operations Division

SUBJECT: Towers of Mississippi, Construction of MSWIN 20618 B Communications Tower, Leake County, Mississippi; Environmental Engineers, Incorporated, Project Number: JSE01P0820

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

Dear Mr. Robinson:

This letter is in response to the November 3, 2009, letter from Mr. Henry A. Fisher of Environmental Engineers, Incorporated, concerning possible regulatory requirements for the proposed plans for the construction of MSWIN 20618 B communications tower and access road located near Kosciusko, in Leake County, Mississippi.

Based upon the information provided (enclosure 1), 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. 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-2009-1486 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 Mr. Chad Phillips of this office, telephone (601) 631-5146, fax (601) 631-5459, or e-mail address: regulatory@usace.army.mil.

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).

I am forwarding a copy of this letter to Mr. Henry A. Fisher, Environmental Engineers, Incorporated, 11578 U.S. Highway 411, Odenville, Alabama 35120.

Sincerely,

David Lofton

David Lofton
Chief, Permit Section
Regulatory Branch

Enclosures

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

November 3, 2009

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 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

Dear Mr. Lofton:

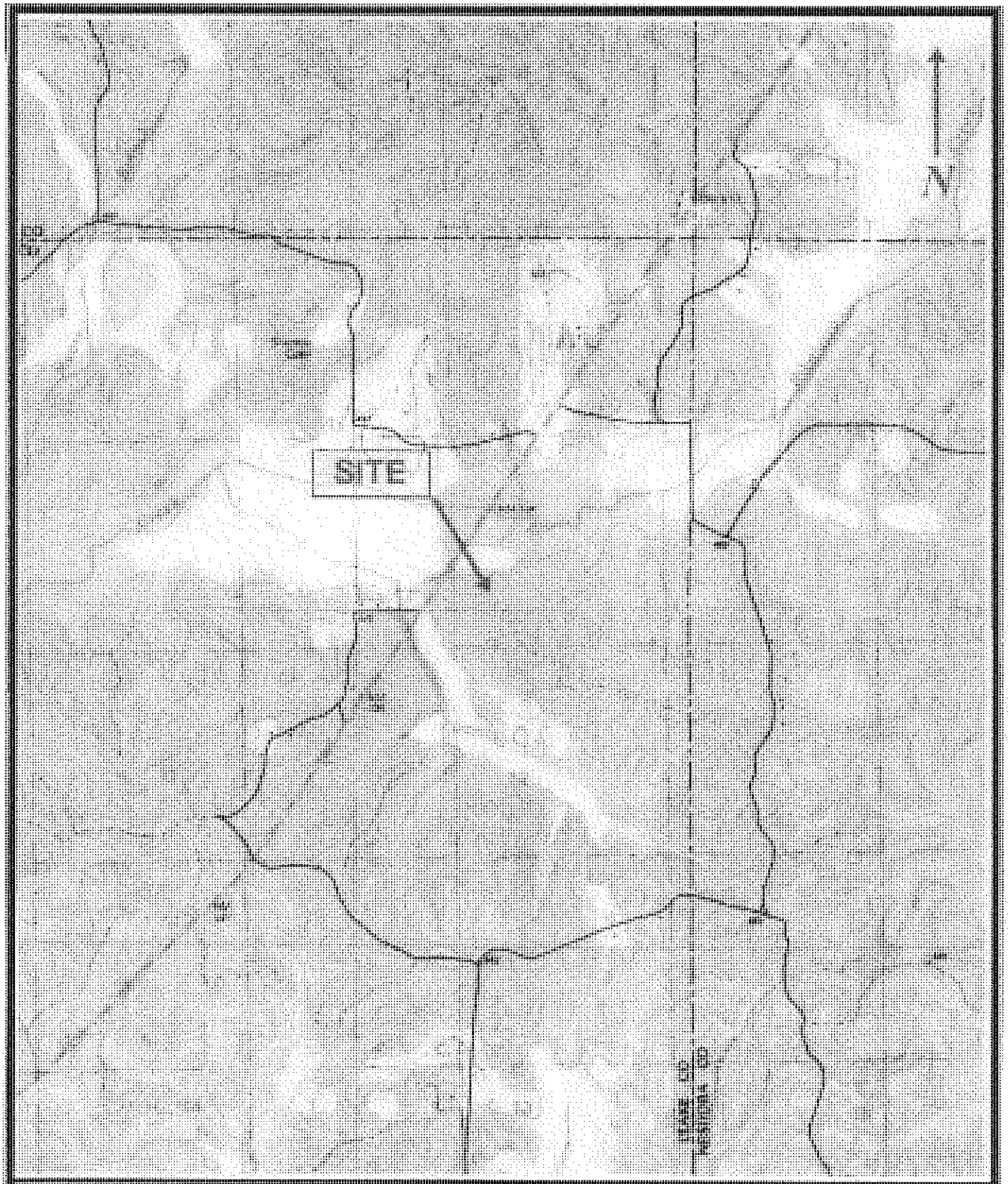
Environmental Engineers, Inc. is requesting comment on behalf of Towers of Mississippi, the State of Mississippi, and the Federal Emergeney Management Agency (FEMA) regarding construction of a wireless communications tower in Leake County, Mississippi. This project is being funded using a FEMA grant (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 "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west. The site consists of a 100' x 100' lease area with three associated guy anchor easements and a proposed/existing access road. The site is located east of Highway 25 near Kosciusko, Mississippi. Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. The proposed project is depicted on the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) "Panel 100 of 400, Leake County, Mississippi Unincorporated Areas" effective date September 15, 1989, and is located in an area designated as Zone X (no shading) which is described as areas outside the 500-year 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.

JAVK-2009-1486
KKC

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

11-16-09 DIGEST REVD



Environmental Engineers, Inc.

Subject:
Proposed MSWIN 2061 B Communications Tower
Petalpa, Lamar County, Mississippi
Project No.: 15281P0520

Figure 1
Site Location Map

Scale: 1" = 2000'

Appendix L

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

November 3, 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 20618 B Communications Tower
Kosciusko, Leake County, Mississippi
Environmental Engineers, Inc. Project No.: JSE01P0820

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 Leake 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 "Four Corners, Mississippi," dated 1989. The site is located in the southeast ¼ of the southwest ¼ of Section 1, Township 12 North, Range 9 East, Leake County, Mississippi, at latitude 32° 55' 00.51" north and longitude 89° 19' 44.45" west. The site consists of a 100' x 100' lease area with three associated guy anchor easements and a proposed/existing access road. The site is located east of Highway 25 near Kosciusko, Mississippi. Proposed activities consist of construction of a 480-foot guyed communications tower, enclosing the compound in a fence, placement of support equipment within the compound, grading an access road, and covering the compound and access road with gravel. The proposed project is depicted on the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) "Panel 100 of 400, Leake County, Mississippi Unincorporated Areas" effective date September 15, 1989, and is located in an area designated as Zone X (no shading) which is described as areas outside the 500-year 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.

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

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 (JSE01P0820) 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

United States Department of Agriculture

NRCS

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

November 17, 2009

ENVIRONMENTAL ENGINEERS
NOV 2 1 2009
RECEIVED

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

Dear Mr. Fisher:

This is in response to your letter dated November 3, 2009, regarding the Proposed MSWIN 20618 B Communications Tower in Kosciusko in Leake County, Mississippi.

The proposed project will not have any permanent adverse effect on prime farmland. Therefore no FPPA determination is required.

Sincerely,

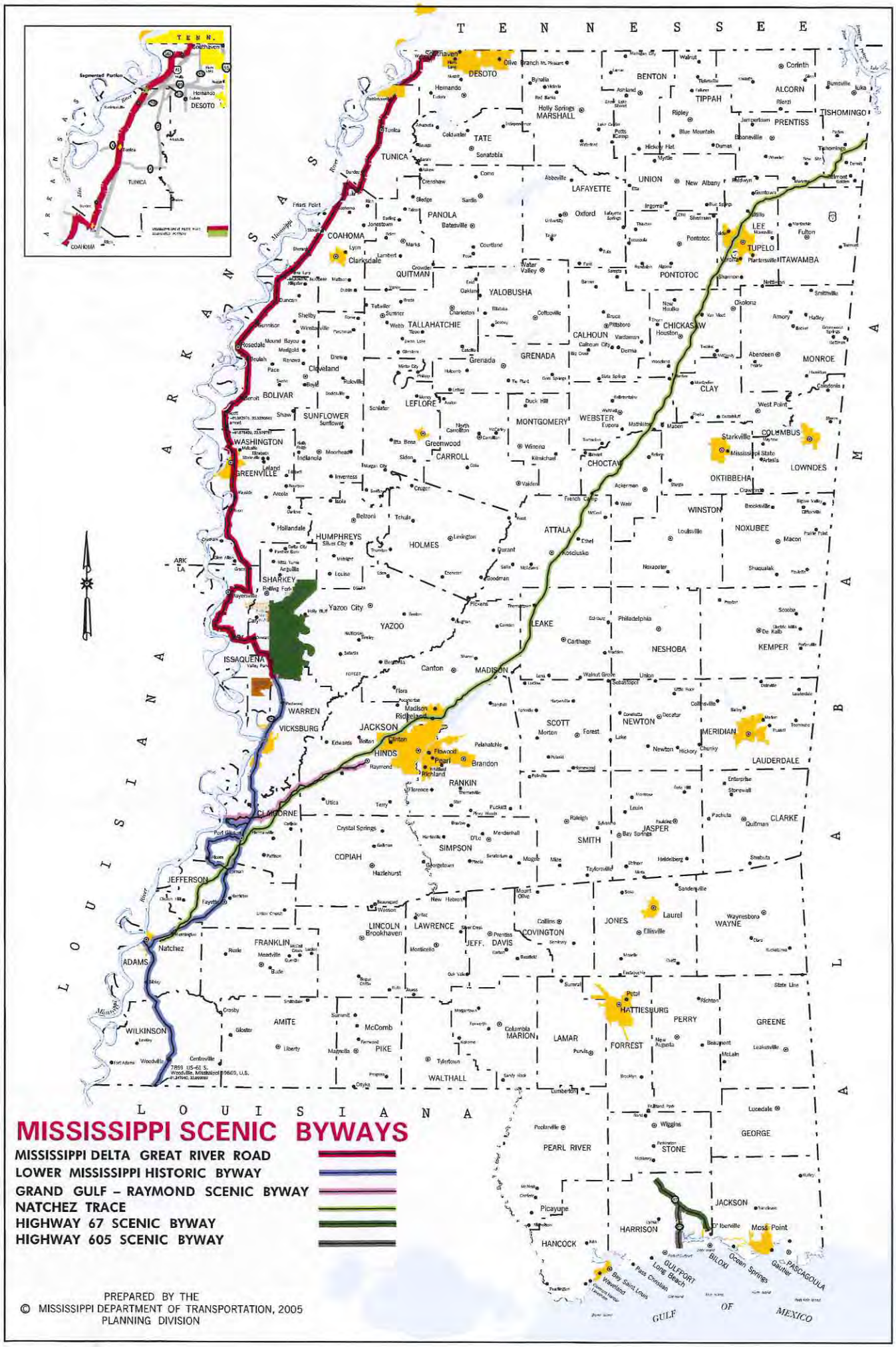
Delaney B Johnson

Delaney B. Johnson
State Soil Scientist

The Natural Resources Conservation Service provides leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment.

An Equal Opportunity Provider and Employer

Appendix M



MISSISSIPPI SCENIC BYWAYS

- MISSISSIPPI DELTA GREAT RIVER ROAD
- LOWER MISSISSIPPI HISTORIC BYWAY
- 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

French Camp
Weir
McCool
West
ATTALA
Lexington
Ethel
Durant
Kosciusko
Sallis
McAdams
Noxapater
Ebenezer
Goodman
Pickens
Thomastown
Edinburg
Philadelphia
Vaughan
Camden
LEAKE
Carthage
NESHOBA
Madden
Sharon
MADISON
Lena
Walnut Grove
Union
Ludlow
Sebastopol
Little
Harperville
Sandhill
Forkville
Conehatta
Decatur
SCOTT
NEWTON
Morton
Forest
Lake
Pelahatchie
Newton
Pulaski
Brandon
Homewood
Polkville
RANKIN
Thomasville
Montrose
Star

Appendix N

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.

Designated Wild & Scenic Rivers

Select State Go

Rivers that pass through several states may have segments in each state designated. For example, the Klamath River has designations i 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).

Cossatot River, Arkansas

Alabama

- Black Warrior River (Sipsey Fork)

Top of the Page

Alaska

- Alagnak River — National Park Service Site
- Alatna River
- Andreafsky River
- Aniakchak River
- Beaver Creek — Bureau of Land Management Site
- Birch Creek — Bureau of Land Management Site
- Charley River — National Park Service Site
- Chilikadrotna River
- Delta River — Bureau of Land Management Site
- Fortymile River — Bureau of Land Management Site
- Gulkana River— Bureau of Land Management Site
- Ivishak River
- John River
- Kobuk River
- Koyukuk River (North Fork)
- Mulchatna River
- Noatak River
- Nowitna River
- Salmon River
- Selawik River
- Sheeniek River
- Tinayguk River
- Tlikakila River
- Unalakleet River — Bureau of Land Management Site
- Wind River

Top of the Page

Arizona

- Fossil Creek
- Verde River — U.S. Forest Service Site

Top of the Page

Arkansas

- Big Piney Creek
- Buffalo River
- Cossatot River
- Hurricane Creek
- Little Missouri River
- Mulberry River
- North Sylamore Creek
- Richland Creek

Top of the Page

California

- Amargosa River
- American River (Lower)
- American River (North Fork) — Bureau of Land Management Site
- Bautista Creek
- Big Sur River
- Black Butte River
- Cottonwood Creek
- Eel River
- Feather River
- Fuller Mill Creek
- Kern River
- Kings River
- Klamath River — U.S. Forest Service Site
- Merced River — Bureau of Land Management Site
- Owens River Headwaters
- Palm Canyon Creek
- Piru Creek
- San Jacinto River (North Fork)
- Sespe Creek
- Sisquoc River
- Smith River
- Trinity River
- Tuolumne River — Bureau of Land Management Site

Top of the Page

Colorado

- Cache la Poudre River

Top of the Page

Connecticut

- Eightmile River
- Farmington River (West Branch) — Farmington River Committee Site

Top of the Page

Delaware

- White Clay Creek (See also Pennsylvania)

Top of the Page

Florida

- Loxahatchee River
- Wekiva River

Top of the Page

Georgia

- Chattooga River (See also North Carolina, South Carolina — U.S. Forest Service Site, Chattooga Net

Top of the Page

Idaho

- Battle Creek
- Big Jacks Creek
- Bruneau River
- Bruneau River (West Fork)
- Clearwater River (Middle Fork)
- Cottonwood Creek
- Deep Creek
- Dickshooter Creek

- Duncan Creek
- Jarbidge River
- Little Jacks Creek
- Owyhee River
- Owyhee River (North Fork)
- Owyhee River (South Fork)
- Red Canyon
- Rapid River
- Saint Joe River
- Salmon River
- Salmon River (Middle Fork)
- Sheep Creek
- Snake River (See also Oregon)
- Wickahoney Creek

Top of the Page

Illinois

- Vermilion River — State of Illinois Site

Top of the Page

Kentucky

- Red River

Top of the Page

Louisiana

- Saline Bayou

Top of the Page

Maine

- Allagash River — State of Maine Site

Top of the Page

Massachusetts

- Westfield River — Westfield River Wild & Scenic Advisory Committee Site
- Sudbury, Assabet and Concord Rivers
- Taunton River

Top of the Page

Michigan

- Au Sable River
- Bear Creek
- Black River
- Carp River
- Indian River
- Manistee River
- Ontonagon River
- Paint River
- Pere Marquette River
- Pine River
- Presque Isle River
- Sturgeon River (Hiawatha National Forest)
- Sturgeon River (Ottawa National Forest)
- Tahquamenon River (East Branch)
- Whitefish River
- Yellow Dog River

Top of the Page

Minnesota

- St. Croix River (Lower) (See also Wisconsin) — National Park Service Site
- St. Croix River (Upper) (See also Wisconsin) — National Park Service Site
- St. Croix River (Lower) (See also Wisconsin)

Top of the Page

Mississippi

- Black Creek

Top of the Page

Missouri

- Eleven Point River

Top of the Page

Montana

- Flathead River
- Missouri River — Bureau of Land Management Site

Top of the Page

Nebraska

- Missouri River (See also South Dakota) — National Park Service Site
- Missouri River (See also South Dakota) — National Park Service Site
- Niobrara River — National Park Service Site

Top of the Page

New Hampshire

- Lamprey River
- Wildcat Brook

Top of the Page

New Jersey

- Delaware River (Lower) (See also Pennsylvania)
- Delaware River (Middle) (See also Pennsylvania) — National Park Service Site
- Great Egg Harbor River
- Maurice River
- Musconetcong River

Top of the Page

New Mexico

- Jemez River (East Fork)
- Pecos River
- Rio Chama — Bureau of Land Management Site
- Rio Grande — Bureau of Land Management Site

Top of the Page

New York

- Delaware River (Upper) (See also Pennsylvania) — National Park Service Site

Top of the Page

North Carolina

- Chattooga River (See also Georgia, South Carolina) — U.S. Forest Service Site, Chattooga Net
- Horsepasture River
- New River — State of North Carolina Site
- Lumber River — State of North Carolina Site (Lumber River State Park)
- Wilson Creek

Top of the Page

Ohio

- Big and Little Darby Creeks — State of Ohio Site
- Little Beaver Creek — State of Ohio Site
- Little Miami River — State of Ohio Site

Top of the Page

Oregon

- Big Marsh Creek
- Chetco River — U.S. Forest Service Site
- Clackamas River
- Clackamas River (South Fork)
- Collawash River
- Crescent Creek
- Crooked River — Bureau of Land Management Site
- Crooked River (North Fork)
- Deschutes River — Bureau of Land Management Site
- Donner und Blitzen River
- Eagle Creek (Mt. Hood National Forest)
- Eagle Creek (Wallowa-Whitman National Forest
- Elk River — U.S. Forest Service Site
- Elkhorn Creek
- Fish Creek
- Grande Ronde, River — Bureau of Land Management Site
- Hood River (East Fork)
- Hood River (Middle Fork)
- Illinois River — U.S. Forest Service Site
- Imnaha River
- John Day River — Bureau of Land Management Site
- John Day River (North Fork)
- John Day River (South Fork) — Bureau of Land Management Site
- Joseph Creek
- Klamath River — Bureau of Land Management Site
- Little Deschutes River
- Lostine River
- Malheur River
- Malheur River (North Fork)
- McKenzie River
- Metolius River
- Minam River
- North Powder River
- North Umpqua River — Bureau of Land Management Site
- Owyhee River — Bureau of Land Management Site
- Owyhee River (North Fork) — Bureau of Land Management Site
- Powder River
- Quartzville Creek — Bureau of Land Management Site
- Roaring River
- Roaring River (South Fork)
- Rogue River — Bureau of Land Management Site, U.S. Forest Service Site
- Rogue River (Upper) — U.S. Forest Service Site
- Salmon River — Bureau of Land Management Site
- Sandy River — Bureau of Land Management Site
- Smith River (North Fork) — U.S. Forest Service Site
- Snake River (See also Oregon)
- Sprague River (North Fork)
- Squaw Creek
- Sycan River
- Wallowa River — Bureau of Land Management Site
- Wenaha River
- West Little Owyhee River
- White River — Bureau of Land Management Site
- Wildhorse and Kiger Creeks
- Willamette River (North Fork of the Middle Fork)
- Zigzag River

Top of the Page

Pennsylvania

- Allegheny River
- Clarion River
- Delaware River (Lower) (See also New Jersey)
- Delaware River (Middle) (See also New Jersey) — National Park Service Site
- Delaware River (Upper) (See also New York) — National Park Service Site
- White Clay Creek (See also Delaware)

Top of the Page

Puerto Rico

- Rio Mameyes — U.S. Forest Service Site
- Rio de la Mina — U.S. Forest Service Site
- Rio Icacos — U.S. Forest Service Site

Top of the Page

South Carolina

- Chattooga River (See also Georgia, North Carolina) — U.S. Forest Service Site, Chattooga Net

Top of the Page

South Dakota

- Missouri River (See also Nebraska) — National Park Service Site
- Missouri River (See also Nebraska) — National Park Service Site

Top of the Page

Tennessee

- Obed River — National Park Service Site

Top of the Page

Texas

- Rio Grande — National Park Service Site, Rio Grande in Big Bend National Park

Top of the Page

Utah

- Virgin River Tributaries

Top of the Page

Washington

- Klickitat River
- Skagit River — U.S. Forest Service Site
- White Salmon River

Top of the Page

West Virginia

- Bluestone River — National Park Service Site

Top of the Page

Wisconsin

- St. Croix River (Lower) (See also Minnesota) — National Park Service Site
- St. Croix River (Upper) (See also Minnesota) — National Park Service Site
- St. Croix River (Lower) (See also Minnesota)
- Wolf River

Top of the Page

Wyoming

- Snake River Headwaters
- Yellowstone River (Clarks Fork)

Top of the Page

Other Data

- Printable table of the National Wild &: Scenic Rivers System (PDF — Print as landscape).
- Instructions for the National Atlas Wild & Scenic Rivers Site (PDF).
- GIS shape files of the National Wild & Scenic Rivers System (270 KB Self-Extracting Zipped File).

Top of the Page